



Minutes of 128th Meeting of SEIAA, Odisha Held on 20.07.2023 & 21.07.2023

AGENDA NO.128.05	
Proposal No.	SIA/OR/MIN/433303/2023
Date of application	21.06.2023
File No.	433303/937-MINB2/06-2023
Project Type	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 Kantiapada Stone Quarry over an area of 0.76 acres or 0.307 ha, at village-Kantiapada, Tahasil-Patna, Dist-Keonjhar, Odisha of Sri Shankar Kumar.
Name of the company/Organization	Smt. Sankar Kumar At/Po-Medical Road Barbil Ps-Barbil Odisha Keonjhar 758035
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (ii) 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 of Kantiapada Stone Quarry over an area of 0.76 acres or 0.307 ha, at village-Kantiapada, Tahasil-Patna, Dist-Keonjhar, Odisha.
- (iv) The mining area is a part of Survey of India Toposheet No. F45N10 bounded by Latitude: 21°42'30.00" N to 21°42'37.40" N and Longitude: 85°44'27.80" E to 85°44'29.70" E.
- (v) The mining lease is an identified sairat source in the DSR. The Kantiapada Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Patna to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (vi) Documents submitted: -Form-1, D.L.C., PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vii) Whether submitted KML file of the lease area-Yes
- (viii) Whether submitted scrutiny fee-Yes, of Rs.1000/- through e-Challan Ref. No.-359FD2086A dated 14.03.2023
- (ix) Distance from nearest sanctuary/ESZ- Similipal WLS-59.0 Km
- (x) Whether the lease area coming in DLC report-No, clarified by the Tahasildar, Patna, vide letter 808. dated 03.03.2023.
- (xi) Whether the lease area reflecting in DSR-Yes
- (xii) Method of mining-Semi-mechanized no drilling and blasting will be involved
- (xiii) Distance from nearest road bridge-5.0 km, village road -0.08 km, a channel of Sati-50 meter.
- (xiv) Whether it is part of cluster -Yes, Godipokhari Stone quarry coming under cluster over an area of 0.86 acres for EC granted earlier. The total cluster lease area is 0.65 Ha and B2-project
- (xv) Whether EC obtained earlier-Yes from DEIAA, Keonjhar vide letter no. 862 dated 19.02.2013 and there is valid EC
- (xvi) Date of approval of Revised mining plan- the Joint Director of Geology, Keonjhar on



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04.11.2022.

- (xvii) As per MoEF & CC OM dated 28.04.2023, project proponent has applied for reappraisal in SEIAA.
- (xviii) EC granted by DEIAA, and its a running mine with 2 years mining has been completed.
- (xix) Production capacity per annum-420 cum/annum (max.), total production in 3 years period-1253 cum, Geological reserve-11774 cum and Mineable reserve-1253 cum.
- (xx) 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**
- (xxi) EMP budget is 0.80 Lakh (Capital Cost) and Rs. 0.30 Lakh (Recurring cost).
- (xxii) Any deficiencies/omission have been noticed in the above documents-**Nil**

1. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 28th & 30th June 2023 and the SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions.
- a) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
 - b) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured
 - c) Plantation programme to be completed within first two years and to be maintained in remaining years.
 - d) Depth of Mining as proposed should not be beyond 6m from the ground level.
 - e) Mitigation measures for flying Rock for safety be put in place.
 - f) Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
 - g) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.
 - h) Construction of garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.

Decision Of Authority: Deferred

The proposal is deferred for next meeting for discussion.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.128.06	
Proposal No.	SIA/OR/MIN/421419/2023
Date of application	11.03.2023
File No.	421419/895-MINB2/03-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Khutubai Stone Quarry over an area of 10.38 Acres or 4.20 Ha at village-Khutubai, Tahasil-Papadahandi, Dist-Nabarangpur, Odisha of Sri Bidyadhar Mallick
Name of the company/Organization	Sri Bidyadhar Mallick
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 mining of stone from Khutubai Stone Quarry over an area of 10.38 Acres or 4.20 Ha at village-Khutubai, Tahasil-Papadahandi, Dist-Nabarangpur, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. 651/7 bounded by Latitude: 19°20'21.63" N to 19°20'29.71" N and Longitude: 82°20'35.15" E to 82°20'48.83" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Khutubai Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Papadahandi to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-1, PFR, DLC certificate, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Distance from nearest sanctuary/ESZ- Ambapani WLS-37.8km
 - (vi) Whether the lease area coming in DLC report-No, as certified by Tahasildar, Papadahandi vide letter no. Nil dated 21.02.2023
 - (vii) Whether submitted scrutiny-Yes, of Rs. 1000/- vide e-Challan Ref. No. 3599A1969B dated 10.02.2023.
 - (viii) Whether submitted KML file-Yes
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Semi-mechanized
 - (xi) Distance from nearest road bridge-9.07 km, village -1.2 km
 - (xii) Whether it is part of cluster – No
 - (xiii) Whether EC obtained earlier- Yes and submitted EC compliance but not satisfactory.
 - (xiv) Date of approval of Modified mining plan- Joint Director of Geology, Zonal Survey, Koraput on dated 06.02.2023.
 - (xv) Proposal for enhancement of production capacity from 26960 cum/annum to 100000 cum/annum.
 - (xvi) Production capacity per annum-100044.7 cum/annum (max.), total production in 2 years period- 254009.4 cum, Geological reserve-458210.2 cum and Mineable reserve-350884.2 cum.
 - (xvii) Proposed mining depth as per approved mining plan- 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 and as per the Hon'ble Supreme Court order vide its

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order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others)- No

- (XIX) EMP budget- Rs.2,35,000/- (Capital Cost) and Rs. 1,00,000/- (Recurring cost)
(XX) Any deficiencies/omission have been noticed in the above documents- Nil

- a) Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 6th 8th 9th and 10th may 2023 and The SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions.
- b) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- c) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured
- d) Plantation programme to be completed within first two years and to be maintained in remaining years.
- e) Depth of Mining as proposed should not be beyond 6m from the ground level.
- f) Mitigation measures for flying Rock for safety be put in place.
- g) Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
- h) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.
- i) Construction of garland drains should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.
- j) Additional plantation may be recommended if any trees are damaged or uprooted during stone quarry mining.
- k) The proposal was placed in the 125th meeting of SEIAA held on 26th, 27th & 28th. After detailed deliberations, the Authority decided to **issue clarification to PP on the following points:**
- l) The PP has to furnish details of environmental safety measures to be taken along with its year wise budget allocation for enhancing the production from 26960 cum to 100044.7 cum.
- m) The PP. also required to furnish the extraction quantity during last two years.
- n) Now the PP has submitted the necessary clarification for consideration of EC.

Decision of Authority: Approved

After detailed deliberation, the Authority allowed EC for this project with standard conditions along with specific stipulation as follows:

- (i) The PP is required to implement the revised proposal for health and safety of workers amounting to Rs. 2.40 lakh (capital cost) and Rs. 1.0 Lakh/annum (recurring cost).
- (ii) The capital of Rs. 2.40 lakh is to be disbursed before start of mining operation and proof of the same shall be sent to SEIAA, Odisha email – seiaaodisha@gmail.com for record.
- (iii) The PP shall implement the EMP budget of Rs.5.0 Lakh (Capital cost) and Rs. 2.35 Lakh (recurring cost) and submit the proof of the same in half yearly compliance report.
- (iv) The Project Proponent (lease holder) shall deposit Rs.5,00,000/-, 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.
- (v) As promised by the PP an additional expenditure of Rs. 2.0 lakhs per annum shall be disbursed before start of mining operation and the proof of the same shall be submitted to SEIAA for record.
- (vi) The Tahasildar, Papadhandi to ensure to carry out of the above special conditions within time frame.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

AGENDA NO.128.07

Proposal No.	SIA/OR/MIN/300643/2023
Date of application	27.05.2023
File no.	246098/145-MINB2/12-2021
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC for mining of sand from Kharasrota River Sand, Oleichandrapur over an area of 11.70 Acres or 4.73 Ha at village-Oleichandrapur, Tahasil-Binjharpur, Dist-Jajpur .
Name of the company/Organization	Sri Panchanan Pal
Location of Project	village-Oleichandrapur, Tahasil-Binjharpur, Dist-Jajpur .
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Kharasrota River Sand, Oleichandrapur over an area of 11.70 Acres or 4.73 Ha at village-Oleichandrapur, Tahasil-Binjharpur, Dist-Jajpur
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR194006 dated 30.04.2022 in favour of Sri Panchanan Pal the (Successful Bidder) for mining of sand from Kharasrota River Sand, Oleichandrapur over an area of 11.70 Acres or 4.73 Ha at village-Oleichandrapur, Tahasil-Binjharpur, Dist-Jajpur.
 - (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was **21300 cum** with depth of sand deposition was 2.0 meter and proposed for annual extraction-**13812 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **5000 cum with 0.5 m of depth of mining**.
 - (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e., **November, 2022** if satisfactory replenishment study report is not submitted."
 - (vi) The has extracted **5000 cum** of sand for 1st year lease period
 - (vii) The PP has submitted replenishment study report done by RQP Sri Apurba Ranjan Ray through **volumetric and Drone method** and it is mentioned that pre-monsoon reserve is **6748 cum with 0.3-meter depth** of sand deposit and post-monsoon reserve is **8564 cum** and after post-monsoon estimated reserve is **8564 cum**. Proposed production is **5138 cum**.
 - (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28th & 30th June 2023 and the SEAC decided as the follows: -
- a) The SEAC observed that the methodology in survey report mentions two methods Pre-Monsoon - conventional method and Post Monsoon - UAV drone method has been adopted but relevant details for survey are available for post monsoon study. Approved Mining Plan data are taken as pre monsoon data which may not be accepted. Hence, the proposal is not recommended and Replenishment study report needs to be re-done.

Decision of Authority: Approved

The Authority observed that the annual rate of replenishment study (ARRS) submitted by the PP has not been carried out as per MoEF & CC guidelines. The SEAC opinion that the methodology in survey report mentions two methods Pre-Monsoon - conventional method and Post Monsoon - UAV drone method has been adopted but relevant details for survey are available for post monsoon study. Approved Mining Plan data are taken as pre monsoon data which may not be accepted. Hence, the ARRS report is rejected. The PP is required to carry out ARRS afresh as per MoEF & CC guideline by any ORSAC empanelled agency by 31st December 2024. In absence of ARRS report in extraction quantity of **1250 cum** (i.e.25% of 5000 cum allowed in 1st year production in EC letter) of sand in 2nd year lease period until submission of ARRS report.

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

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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AGENDA NO.128.08

Proposal No.	SIA/OR/MIN/300359/2023
Date of application	17.05.2023
File no.	SEIAA-1687/05-2021
Project Type	Proposal for Amendment of EC for based on the replenishment study report.
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Bedhapal Sand Bed over an area of 8.36 acres or 3.383 hectares in village Bedhapal under Baliapal Tahasil in Balasore District, Odisha.
Name of the company/Organization	L & T GEO, L & T UJV, DFSB-05
Location of Project	village Bedhapal under Baliapal Tahasil in Balasore District, Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for amendment of EC of Bedhapal Sand Bed over an area of 8.36 acres or 3.383 hectares in village Bedhapal under Baliapal Tahasil in Balasore District, Odisha.
 - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 1972/SEIAA dated 05.08.2021 in favour of Tahasildar, Baliapal and later EC transfer vide letter no.3875/SEIAA dated 24.01.2022.2022 in favour of Sri Amit Mishra project Manager and Power of Attorney L & T Geo, the (Successful Bidder) for mining of sand from Bedhapal Sand Bed over an area of 8.36 acres or 3.383 hectares in village Bedhapal under Baliapal Tahasil in Balasore District, Odisha.
 - (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was **59808 cum** with depth of sand deposition was 3.0 meter and proposed for annual extraction-**59808 cum**.
 - (iv) The SEIAA also granted EC for 1st year production **20000 cum**.
 - (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. **October, 2022** if satisfactory replenishment study report is not submitted."
 - (vi) The Tahasildar, Baliapal has mentioned in his letter no. 2528 dated 08.05.2023 that the quarry is not operated due to NGT case on DSR of Balasore District and request for extend the validity of EC for 1st year lease period and aslo submission of replenishment study report by October 2024.
 - (vii) Any deficiencies/omission have been noticed in the above documents-Nil
2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **28th & 30th June 2023** and the SEAC recommend the follows: -
 - a) The SEIAA, Odisha may consider for extension of date of submission of Replenishment Study Report since the quarry is not operational.
 - b) Proposal for Extension of EC may be allowed subject to approval of DSR report of Balasore by SEIAA and Authentication from SEIAA may be obtained.

Decision of Authority: Approved

The Authority observed that the quarry is not operated after obtaining EC from SEIAA, Odisha due to NCI case on DSR of Balasore District. After detailed deliberation, the decided to allowed amendment of EC in extraction of **20000 cum** of sand for 1st year as per EC conditions and **5000 cum** in 2nd year (i.e. 25% of the 1st year production quantity 6000 cum in adhoc manner as no replenishment study report has not been submitted neither in DSR nor in EC application. The PP is required to submit Annual rate of replenishment study (ARRS) report by **31st Dedcember 2024** through ORSAC empanel agency.

- The validity of EC is for 1st year and 2nd year or validity of DSR or validity of lease period, whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- The Project Proponent (lease holder) shall deposit Rs.2,00,000/-, with the respective District Environment Society for raising 400 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



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AGENDA NO.128.09	
Proposal No.	SIA/OR/MIN/413852/2023
Date of application	11.05.2023
File No.	413852/70-MINB1/05-2023
Project Type	Proposal for ToR
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for grant of ToR for cluster of mines (Dangarapada-1 Decorative Stone Deposit (16.389 Ha.), Dangarapada-2 Decorative Stone Deposit (6.24 Ha.) & Dangarapada-3 Decorative Stone Deposit (14.921 Ha.) over total area of 37.55 ha. located at village Dangarapada, Titilagarh Tehsil of Balangir District, Odisha.
Name of the company/Organization	Raman Rashmi Nayak (GM) M/S Penguin Trading And Agencies Ltd
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	M/s Visiontek Consultancy Services Pvt

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

1. This proposal is for Terms of Reference for Environmental Clearance of M/s. Penguin Trading and Agencies Ltd for Dangarapada-1 Decorative Stone Deposit (16.389 Ha.), Dangarapada-2 Decorative Stone Deposit (6.24 Ha.) & Dangarapada-3 Decorative Stone Deposit (14.921 Ha.) over total area of 37.55 ha. located at village Dangarapada, Titilagarh Tehsil of Balangir District of Sri Raman Rashmi Nayak.
2. **Category:** As per EIA Notification 2006 and subsequent amendment, the proposed project falls under Category B2 under item 1(a) - Mining of Minerals.
3. **The PP has submitted scrutiny fee of Rs. 1.0 lakh** vide e-challan reference id-35A6387901 dated 21.04.2023
4. The letter of intent (LOI) for grant of mining lease is issued vide letter
No. $\frac{5947}{SM-MC2-MC-0054-2021}$ / SM, Bhubaneswar, Dt.05.08.2021 for Dangarapada 1,
No. $\frac{5939}{SM-MC2-MC-0052-2021}$ / SM, Bhubaneswar, Dt.05.08.2021 for Dangarapada 2,
No. $\frac{5943}{SM-MC2-MC-0053-2021}$ / SM, Bhubaneswar, Dt.05.08.2021 for Dangarapada 3.
5. There is no Forest and DLC land in the lease area, which is approved by DFO, Bolangir Forest Division Letter No.-2166/4F-Misc and Dated 15.03.2023.
6. Modified checklist is approved by Mining Officer & Tahasildar on 24.04.2023.
7. There are no existing / operating mines in 500m and 1000m around the lease area and the same is certified by Tahasildar on 03.03.2023.
8. The mining plan of the project has been approved under mineral Concession Rule, 2016 and granite Conservation & Development Rule, 1999 vide letter no-MXXII-(b)-06/2022 8097/DM Dt.21/09/2022 for Dangarapada 1, vide letter no-MXXII-(b)-06/2022 8357/DM Dt.29/09/2022 for Dangarapada 2, vide letter no-MXXII-(b)-06/2022 8361/DM Dt.29/09/2022 for Dangarapada 3.

9. **Location and connectivity:** The Proposed mine is situated over an area of 37.55 ha. in village - Dangarapada, Titilagarh-Tahasil, in the district of Bolangir of Odisha state. The area featured in Toposheet no.- F 44 X 3(64P/3) bounded by Latitude- N 20° 21' 09.4" to N 20° 21' 32.10" and Longitude - E 83° 09' 08.0" to E 83°09'07.10". As per the record of revenue the lease area comes under Abada Ajogya Anabadi category and of Dunguri Kissam. The nearest railway station is Titilagarh Railway Station (8 km) (SE) & Dangarapada village at 2.5 Km (E) from the project site. The nearest national highway is NH 59 (7.4km) (W). The Barnai reserve forest (0.65km) NE from the project site. There is no wildlife sanctuary in the 10 km radius from the project site. Nearest water bodies are Kankarha jor SW(8.7 km),Dumberbahal Reservoir (3.2km) N, Mathan Pala Reservoir 6.1 km SE, lakhmi Jor 5.4 km (SW),jamuna Jor 3.2 km (S),Lant river (7.8 km) NE.
10. **Topography:** The applied M.L. area is located towards North-Western side of village Dangarapada. Some portions near the northern boundary are covered by soil & alluvium. The highest and lowest elevations of the area above 385.5 mRL (center- east side) and 303.0 (south direction) mRL respectively in Dangarapada 1. The highest and lowest elevations of the area are above 322mRL and 309.5mRL respectively in Dangarapada 2. The slope of the area is from center towards lease boundary. The highest and lowest elevations of the area above 329mRL and 306mRL respectively in Dangarapada 3. Overall slope of the area is due south.
11. **Total reserves, production and waste:** For Dangarapada 1, the project proposes to produce decorative stone @ 7530 cuM/Annum (Maximum) and out of 131040 m³ waste generated in 5 years, 52416 m³ of waste will be utilized for construction and maintenance of roads and remaining 78624m³ of waste will be dumped in the proposed temporary waste dump in the earmarked site. For Dangarapada 2, the project intends to produce decorative stone @ 3000 cuM/Annum (Maximum) and out of 47600 m³ waste generated in 5 years, 19040 m³ of waste will be utilized for construction and maintenance of roads and remaining 28560m³ of waste will be dumped in the proposed temporary waste dump in the earmarked site. For Dangarapada 3, the proposed project intends to produce decorative stone @ 6000 cuM/Annum (Maximum) and out of 105000m³ waste generated in 5 years, 42000 m³ of waste will be utilized for construction and maintenance of roads and remaining 63000m³ of waste will be dumped in the proposed temporary waste dump in the earmarked site.

Table-Salient features of the mine

	Dangarapada 1	Dangarapada 2	Dangarapada 3
ML Area	16.389 ha	6.240 ha	14.921 ha
Elevation(mRL)(lowest-highest)	303-385.5	309.5-322	306-329
Production Capacity	7530 cum/Annum	3000 cum/Annum	6000 cum/Annum
Mining Technology	Opencast Semi-mechanized Method		
Geological Resource	6, 97,545 m ³	108151 m ³	490626 m ³
Mineable Reserve	5,79,588 m ³	71656m ³	349743 m ³
Mining Machineries	Excavators, compressor, jack hammer, Wire-saw Cutting machine, drill rod etc.		
Life of Mine	77 years	24 years	59 years



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Blasting	Not Required
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12. **Mining methodology:** Opencast semi-mechanized method will be adopted using machineries such as Excavators, Wire saw cutter, compressor, jack-hammer, drill rod etc. Mining operation is proposed to be in single shift (8 hours). Firstly the weathered zone of 0.5-1.0 m will be scraped from the top. Then, drilling will be carried out by using jack hammers driven by air compressors. Wire saw cutter will be used to detach the stone blocks from the quarry face. Excavation & separation of decorative stone is done in two phases. One phase is removal of stone from the quarry face. The second phase is splitting-sizing-shaping. Cutting and removal of main blocks from the face is done mainly by drilling machine, wire saw cutter, jack hammer & with the help of excavator. Splitting of this size stone is done by jack hammer & excavator for horizontal & vertical cutting. Handling and loading of different sized blocks to stock yard will be done by hydraulic excavator. Excavator and rear dump truck combination will be used for removal of rejected blocks from mine face to dump yard. Transportation of marketable decorative stone blocks will be done by trailers/lorries/trucks to the respective destinations.
13. **Water requirement:** Mining process does not involve any requirement of water. Hence no process water will be generated from the entire three mines. Drinking water will be drawn through bore well from nearby village. The proposed working depth of all the three quarries during the plan periods will not touch the water table. At a rate of 40 litres/head, 800 litres of potable water will be consumed for drinking/day & other purpose. About 800 litres /day of water will be required for plantation

	Dangarapada 1	Dangarapada 2	Dangarapada 3
Stripping Ratio (Saleable Ore: Waste) in CuM:CuM	1:3.5		
Dump slope	80 Degree		
Pit Slope	45 Degree		
Bench Dimension	Height- 3m, width-3 m, Bench slope- 90 degree		
Ultimate Depth	318 mRL	311mRL	303 mRL
Water Table	286 mRL (12 to 15 m depth)		
Recovery Factor of Ore	20% Blocks, 70% Waste & 10% non saleable of total excavated rock mass.		
Water Requirement	6.8 KLD	5.7 KLD	7.7 KLD
Power Requirement	No electrical power shall be required for operations in mine Minimal power required for office shall be taken by using D.G set (250 KVA)		
Manpower	20		
Project Cost	4.8 Crore	2.2 Crore	4.4 Crore

14. **Greenbelt:** It is proposed to develop a green belt over an area of 0.621 Ha. in the safety zone of Dangarapada 1, 0.468 Ha. in the safety zone of Dangarapada 2 mine, 0.650 Ha. in the safety zone of Dangarapada 3 during the plan period. Plantation will be carried out in undisturbed



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Area.

Dangarapada 1 Greenbelt plan

Year	Area to be planted (m ²)	No. of Saplings	Type of species to be Planted	Location
1st Year	1242	200	Amla,Neem, Mango,Gamhari, Kasi, Bahada, Jamun, and Bamboo	Along the Safety Zone
2nd Year	1242	200		
3rd Year	1242	200		
4th Year	1242	200		
5th Year	1242	200		
Total	6210	1000		

Dangarapada 2 Greenbelt plan

Year	Area to be planted (m ²)	No. of Saplings	Type of species to be Planted	Location
1 st Year	936	150	Amla, Neem, Mango, Gamhari, Kasi, Bahada, Jamun, and Bamboo	Along the Safety Zone
2 nd Year	936	150		
3 rd Year	936	150		
4 th Year	936	150		
5 th Year	936	150		
Total	4680	750		

Dangarapada 3 Greenbelt plan

Year	Area to be planted (m ²)	No. of Saplings	Type of species to be Planted	Location
1 st Year	1300	208	Amla, Neem, Mango,Gamhari, Bahada, Jamun, and Bamboo	Along the Safety Zone
2 nd Year	1300	208		
3 rd Year	1300	208		
4 th Year	1300	208		
5 th Year	1300	208		
Total	6500	1040		

15. **Manpower:** Total number employee in the proposed cluster mine will be around 60.

16. **Project cost:** Estimated cost of the Dangarapada 1 project is Rs.4.8Crore, Dangarapada 2 project is Rs. 2.2 Crore and Dangarapada 3 project is Rs 4.4Crore. Total estimated cost of the Dangarapada cluster is 11.3 crores.

Table-Environmental management cost

SL NO.	PROPOSED ACTION PLAN	EXPENSES PER YEAR (IN RS.) for each mines
1	Air Pollution Measures	100000
2	Water Pollution Measures	80000
3	Noise Pollution Measures	40000
4	Green Belt (Plantation)	80000
5	Maintenance of Mining Equipments & Vehicles	400000
6	Environmental monitoring	100000
7	Health Check Up and Drinking Water Provision	60,000



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TOTAL	8,60,000/ Annum
Grand Total (for the 3 mines)	25,80,000/Annum
Table: BUDGET FOR OCCUPATIONAL HEALTH AND SAFETY OF THE WORKER	
Items	Recurring cost (Rs.)/Annum for each mines
Health Check Up and Drinking Water Provision	60,000
Total	Rs. 60,000/-
Grand Total (for 3 mines)	Rs. 1,80,000/-

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

18. Any deficiencies/omission have been noticed in the above documents- Nil

19. **Whether SEAC recommended the proposal** – The SEAC prescribed the following specific ToRs in addition to standard ToRs as per Annexure-A for mining project for conducting detailed EIA study.

- (i) Details on mining height from the ground level, depth of mining, mining plan figures, water table (depression, elevated or same level) along with present and post mining status comparison along with a condition that Project proponent shall not carry any mining activity below the ground level. RL of ground water table during pre and post monsoon period to be reported along with RL of the surface of the mining site post mining as per the approved mining plan.
- (ii) Approved DSR to be submitted.
- (iii) Distance of the nearest habitation / village (s) etc. from the lease boundary.
- (iv) Details of Waste Management i.e., quantity to be used, stored and the waste composition.
- (v) NOC from concerned competent authority for usage of road for transportation of minerals.
- (vi) Plantation on both sides of approach road and its maintenance.
- (vii) Zero discharge from lease area to be maintained.
- (viii) In case village / any habitation is very nearby, plan to ensure safety of human life and livestock from accidents be submitted.
- (ix) Number and type of vehicles to be engaged per day and their frequency of plying.
- (x) Certificate from the concerned DFO that there is no DLC land involved in lease area. Distance of the mines from the boundary of the Notified Eco-Sensitive Zone / Wildlife Sanctuary if any.
- (xi) Certificate from the concerned mining officer that the mine has not operated earlier and this is a new mine.
- (xii) NOC of BDO or Panchayat for usage of haulage road/Panchayat Road.
- (xiii) Submit detail report on silt management.
- (xiv) Mitigation measures taken for pollution generated due to fine particles in the mining process should be addressed.

Decision Of Authority: Approved

After detailed deliberation, the Authority decided to issue both standard and specific ToR recommended by SEAC for this project along with an additional condition that the PP shall submit approved DSR copy of Balangir District after inclusion of the said source.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA



AGENDA NO.128.10	
Proposal No.	SIA/OR/INFRA2/411058/2022
Date of application	30.06.2023
File No.	411058/506-INFRA2/01-2023
Project Type	Fresh EC proposal
Category	B
Project/Activity including Schedule No.	8(a) Building and construction
Name of the Project	Proposal for environmental clearance of proposed commercial cum residential building of M/s. Mahadev Griha Nirman Pvt. Ltd located at Plot no. 458, 454, 460, 459, 455 / 826 and 455/796, Khata No. 170/168, 170/156, 170/214,170/215 over a built-up area 47283.66 sqm in Mouza-Padmalava Nagar, Tehsil-Baranga, Ps-Cuttack Sadar 16, Dist-Cuttack of Sri Ravi Kumar Moda.
Name of the company/Organization	Mahadev Griha Nirman Private Limited
Location of Project	Odisha

Proposal in brief:

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

1. This proposal is for environmental clearance of proposed commercial cum residential building of M/s. Mahadev Griha Nirman Pvt. Ltd located at Plot no. 458, 454, 460, 459, 455 / 826 and 455/796, Khata No. 170/168, 170/156, 170/214,170/215 over a built-up area 47283.66 sqm in Mouza-Padmalava Nagar, Tehsil-Baranga, Ps-Cuttack Sadar 16, Dist. - Cuttack of Sri Ravi Kumar Moda.
2. **Category:** The project requires prior Environmental Clearance under the provisions of EIA Notification, 2006 and subsequent amendment and falls under Category B of activity 8(a)- Building & Construction projects.
3. **Project details:** Project site is spread on area of 11331.11 sq.m (1.133 ha. /2.80 acre). Project involves development of commercial cum residential building with the allied facilities like, club house, shops, waste management system, storm water management system water supply system, sewerage system, firefighting management, adequate parking facility and green area. Built-up area of project is approx.47283.66 sq.m.
4. **Location and Connectivity:** The Project involves development of proposed commercial cum residential building located at Plot no. 458,454,460,459,455/826 and 455/796, Khata No. 170/168, 170/156, 170/214,170/215 in Mouza-Padmalava Nagar, Tehsil-Baranga, PS-Cuttack Sadar 16, Cuttack, Orissa. The Geographical coordinates are 20°21'12.7"N and 85°46'17.4"E and fall within Toposheet no. F45T15. The Project site comes under Cuttack Development Authority and not located within ESZ, ESA and CRZ area. Site is flat land with average elevation of 39.92 m AMSL. Project site is well connected with Banki-Cuttack Road. Site connects to NH-16 which is at 7.52 km towards E direction and to SH 60 at 12.95 km in NE direction. Nearest Railway station is Bhubaneshwar New junction which is at 8.08 km away in S direction. Nearest Airport is Biju Patnaik International Airport at 22.22 km in S. Nearest river is Kathajodi River at 0.74 km, N. Nearest forest is Chudang Garh forest at 1.48, S and nearest habitation is Sandhapur is at 0.40 km, SW.



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5. **Land area details:** The total plot area of the project site is 11331.11 sq.m (1.133 ha./2.80 acres). Project involves development of 257 nos. of residential apartments. Built-up area of project after development will be approx. 47283.66 sqm

Table: Area details

Sl. NO.	DESCRIPTION	Total (SQ M)
i)	Plot Area	11331.11
ii)	Road effected Area	836.99
iii)	Net Plot Area	10494.12
iv)	Proposed Ground Coverage (29.75 % of total plot area)	3371.06
v)	FAR area (@3.19)	36099.9
vi)	NON-FAR area	11092.18
vii)	Built-up Area	47283.66
viii)	Green Area (@ 1 tree for 80 sqm of plot area)	143 nos
ix)	Open Parking area (@ 8 % of plot Area)	825 sqm
x)	Paved Area (@ 10 % of plot Area)	1133.11
xi)	Open/Amenities (18.9 % of the plot area)	Landscape /green area: 999 sqm
xii)		Podium area: 988 sqm
xiii)		Total: 1983 sqm
xiv)	Height	BLOCK A, B, C : 44.95 mtr BLOCK D: 30.90 mtr CLUB HOUSE: 14.95 mtr
xv)	No of Dwelling Units	257

- Total Population:** Population estimated at the site is 1331 which includes residential, commercial, and floating population.
- Water requirement:** As per the revised water balance submitted by the Project Proponent in their ADS dated 24.04.2023, Water requirement is 140KLD as per the given table. Revised total water requirement is 140KLD and 38KLD in Non Monsoon period and 51KLD in Monsoon period will be discharged to drain.

Category	Population/Area (sq m)/Capacity	Standard (LPCD)	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
Domestic					
Residents	1157	100	116	82	34
Staff	58	45	3	0.9	2.1
Visitors	116	15	2	1.4	0.6
Total Domestic Water Demand			121	84	37
Landscap	2136.78sq.m	6	13	-	13
Fire Fighting	-	-	1	-	1
DG	680 KVA	0.9	5	-	5
	(2*250KVA +1*180KVA)	l/kVA/h			
Total		-	140	84	56



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8. **Previous water Balance given in presentation** - Source of water during operation phase will be ground water. Permission will be obtained from concerned authority prior extraction of ground water. Application for the same has been submitted via application no. 21-4/4571/OR/INF/2022. Total water requirement during operation phase is 171 KLD out of which domestic water requirement is 161 and freshwater requirement is 111 KLD as shown in table.

Category	Population/Area (sq m)/Capacity	Standard (LPCD)	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
Domestic					
Residents	1157	135	156	109	47
Staff	58	45	3	0.9	2.1
Visitors	116	15	2	1.4	0.6
Total Domestic Water Demand			161	111	50
Landscap	995sq.m	3	5	-	5
Fire Fighting	-	-	1	-	1
DG cooling	680 KVA (2*250KVA +1*180KVA)	0.9 l/kVA/h	4	-	4
Total		-	171	111	60

9. **Sewage generation:** Sewage generation from the site is expected to be 139 KLD which will be treated in STP of capacity 200 KLD proposed to be constructed at the site. Treated water from the STP will be used for flushing, firefighting, DG cooling and horticulture purpose.

10. **Power requirement:** Maximum power demand for the project during operation phase is estimated to be 1800 KVA. Source of power will be TPCODL. DG sets of total 680 KVA (2*250KVA +1*180KVA) will be provided as power back-up during power failure. The height of the DG Stacks will be 3-6 meter above building height. Provision of Solar power for lighting and water heating is there and generation of Solar Power as per the table given below.

Selection of SOLAR SYSTEM:					
a	Total Connected Load in kW				1872 KW
b	Solar Power Required in kW @ 5% of the Connected Load				93.6 KW
c	Solar Power in kW to be generated by Roof Top Solar Panels				94 KW
d	No. of Solar panel				100 Nos
SUGGESTED SOLAR SYSTEM : 100 Nos. of Solar Panels suitable for 94 KW LOAD					
AREA REQUIRED : 2.4 Sq.mtr Per Panel					

11. **Rainwater harvesting:** Rainwater harvesting pits are being proposed for artificial recharge of roof top rainwater within the project premises. Recharge pits will be filled with small pebbles or brick jelly or river sand and bore a well up to deep aquifer with a perforated pipe in permeable layer. As per norms for 100 sqm roof 6 cum volume rainwater harvesting pit structure to be provided. For 3360 sqm roof area, volume of rainwater harvesting structure is 202 cum. Considering 13 nos of rainwater harvesting structure each rainwater harvesting structure will have de-silting tank and recharge shaft; volume of each de-silting tank is 1.2 cum and volume each Rainwater harvesting pit is 15.6 cum. Total no of rainwater harvesting structure is 13 nos.

12. **Parking details:** Parking area required is 9272.59 sqm and parking area provided is 9289.99



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sq.m. Adequate parking will be provided to accommodate the expected vehicles during operation phase of the project in line with the requirement of Local Building by Laws.

LOCATION	SINGLE 4 WHEELER /CAR PARKING	DOUBLE /DEPENDENT 4 WHEELER /CAR PARKING	2 WHEELER/ BIKE PARKING	HANDICAPED PARKING	TYPE OF PARKING
BASEMENT BLOCK A	13 NOS	0 NOS	51 NOS		COVERED PARKING
STILT -1 BLOCK B & C	87 NOS	41 NOS	85 NOS	2 NOS	COVERED PARKING
STILT -2 BLOCK B & C	101 NOS	17 NOS	75 NOS		COVERED PARKING
STILT -1 BLOCK D	0 NOS	16 NOS	28 NOS		2 STACK MECHANICAL COVERED PARKING
VISITORS PARKING NEAR TEMPLE	10 NOS	0 NOS	24 NOS		SURFACE PARKING
VISITORS PARKING NEAR CLUB HOUSE	6 NOS	0 NOS	12 NOS		SURFACE PARKING
FIRE TRUCK	1 NOS	0 NOS	0 NOS		SURFACE PARKING
AMBULANCE	1 NOS	0 NOS	0 NOS		SURFACE PARKING
217 NOS. OF SINGLE 4 WHEELER CAR PARKING 58 NOS. OF DEPENDENT / DOUBLE 4 WHEELER /CAR PARKING 16 NOS OF 2 STACK MECHANICAL CAR PARKING 2 NOS OF HANDICAPED 4 WHEELER /CAR PARKING 1 NO OF FIRE TRUCK PARKING 1 NO OF AMBULANCE PARKING 265 NOS OF 2 WHEELER /BIKE PARKING GRAND TOTAL 291 NOS OF 4 WHEELER /CAR PARKING					

- Traffic study:** Parking space has been provided in the basement, surface, and silt levels parking and the area given to parking is adequate for the proposed 257 units/flats. Further, 7.5-meter-wide roads are proposed in the plan which would not pose any mobility issue if provided. The present 2-lane road needs to be widened to 4-lane for accommodating the normal growth of traffic. The normal growth of traffic is so high that LOS will go beyond LOS C after 10 years without any project. Therefore, the road needs to be widened to 4-lane divided for maintaining LOS level at B.
- Firefighting:** The fire protection system for the building is to be designed as per the provisions of National Building Code - 2005 and the directions of local fire service authority. In addition to above, the fire extinguisher system is to be design in accordance with IS: 2190. Fire-fighting facilities provided at the site includes water sprinklers, UG and OH fire tanks, automatic fire alarms, manual call points, fire hooters, fire staircase, fire lifts, signage, smoke detectors, refuge area, DG sets compartmentalization and fireproof electrical installations.
- Greenbelt:** As per the revised greenbelt submitted by the Project Proponent in their ADS dated 24.04.2023, Total green area/open area - 2136.78sqm (20.36% of total plot area).
- Previous Greenbelt as mentioned in presentation** - Green belt will be developed over an area of 1983 Sq.m by planting 152 nos. of the local species like Cadamba, Cassia, Jacranda, Bauhina, etc. Landscape /green area : 995 sqm out of which {Plantation (Green belt area)Area: 214.5 sqm (1.89.% of plot area) and Grass Lawn Area: 780.5 Sq.m (6.89 % of plot area).} Podium Green area: 988 Sq.m
- Solid waste generation:** During operation phase, waste comprise of municipal waste. It is estimated that approx. 612 kg per day of waste is to be generated from the project site. STP sludge expected to generate is approximately 14 kg/day.

S. No	Description	Occupancy/ Area	kg/capita/day	Total Solid Waste Generation (kg/day)	Recyclable (kg/day)	Non-Recyclable(kg/day)



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i)	Residents	1157	0.5	579	463	116
ii)	Staff	58	0.25	15	12	3
iii)	Visitors	116	0.15	17	14	3
iv)	Landscape waste	0.22 acres	0.2 kg/acres	1	-	1
v)	Domestic Municipal waste generated			612	290	72
vi)	STP	200 KLD	--	14	6	2
Total Waste Generated				626	296	74

18. **Project cost:** Total estimated cost of the project is INR 91.44 Crores. Environment management cost will include 42.1 lakhs (Capital) and 14.5 akhs (recurring) during operation phase.

19. **Environment Consultant:** The Environment consultant M/s P and M Solution., Noida (Uttar Pradesh) along with the proponent made a presentation on the proposal before the Committee on 14.02.2023.

20. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No	Information Sought by SEAC	Compliance furnished by the	Views of SEAC
e)	NOC/ permission from Water Resources Dept., Govt. of Odisha for discharge of treated water to nearby nallah.	On enquiry with Prachi division of WRD, they said this case does come under their jurisdiction and directed us to Cuttack drainage division. On enquiry they too said that these areas is not covered, further we asked the RI/Local Amina of barrage tahasil office, he said that this is a local area development initiated by the Proponent	NOC from Ramadaspur Gram Panchayat have no objection for construction of Project proponent own drainage system connecting to public drain for disposal of storm water drainage and sewerage to the public drain.
f)	Revised water balance.	Report enclosed Enclosure 02	Revised total water requirement is 140KLD and 38KLD will be discharged to drain in Non-Monsoon period
g)	Proposed green belt area is 10% of total built up area. Proposal to increase the peripheral greenbelt area minimum to 20% of total plot area as per norms	Revised drawing attached with compliance Enclosure 03	Enclosure is attached as annexure III

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h)	Detailed break-up of solar power to be generated, consumed, including capacity of PV cell capacity, connected devices and the percentage of solar energy added total power demand.	Power breaks up given by our consultant M/S unit Bangalore. Enclosure 04	Detailed Power break up of solar power had not submitted.
Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
i)	Copy of structural stability certificate from appropriate authority.	Copy of the Stability certificate attached Enclosure- 05	Submitted
j)	Certificate from the concerned DFO regarding distance of proposed project from Chandaka Dampara Wildlife Sanctuary or any other nearby Sanctuary.	The Concerned DFO has already given the certificate Enclosure 06	DFO Chandaka Wildlife division has certified that the mouza Padmalavanagar is not coming within ESZ of Chandaka Dampara Wildlife Sanctuary. Exact distance of proposed project from ESZ is not submitted.
k)	Copy of CDA building plan approval letter.	The CDA building Plan approval letter is attached	Enclosure is attached

22. The proposed site was visited by the sub-committee of SEAC on 29.04.2023. Following are the observations of the sub-committee:

- PP was present along with other team members. It was observed that the site is adjacent to the main road.
- The site was clean excepting a small outhouse, which PP informed is temporary for worker and will be demolished once construction is over.
- The road side has no drain at present but CDA has taken required fee for developing the same later. Till then the PP informed to connect the excess treated water to the nearest Nalla (about 500 mts away) for which they have taken NOC from Panchayat. In this regard PP needs to take permission for constructing drain at one side of the road till the Nalla, from PWD department. Both NOC from Panchayat and PWD to be kept as conditions in the EC.
- Copy of Revenue map showing the drain/Nalla to be provided.
- No trees are there, so green belt of minimum 20% to be developed.
- Documents asked during presentation needs to be submitted.

23. Considering the information furnished and the presentation made by the



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consultant, M/s P and M Solution., Noida (Uttar Pradesh) along with the project proponent, the SEAC recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per **Annexure – C** in addition to the following specific conditions.

- i) The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.
- ii) The Proponent shall obtain permission/NOC from Executive Engg (PHD) and / or from the appropriate authority for disposal of excess STP treated water to the nearest drain without which the Proponent will not start construction work. Also, in case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be.
- iii) The proponent shall use solar energy at-least to the tune of 5%of total power requirement as proposed.
- iv) The proponent shall obtain permission from concerned Fire Safety Authority.
- v) Trees located within the project area shall be transplanted to alongside the boundary green development area.
- vi) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- vii) The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc as per need to reduce water discharge to drain. This shall be verified in future compliance report.
- viii) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

The proposal was placed in the 126th meeting of SEIAA held on 03rd, 4th & 5th July, 2023. After detailed deliberation, the Authority decided to seek clarification on the following points:

- a) Ground water for high rising buildings is not allowed in general, especially when there is a canal as well as river adjacent to the proposed site. The PP to explore the possibility of surface water for the proposed building.
- b) There is no defined drainage system for release of 51 KLD treated waste water during rainy season.

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

Whether SEAC recommended the proposal – N/A

Decision Of Authority: ADS

After detailed deliberation, the Authority decided that the project proponent is required to submit the decision of water resource department whether it is possible to allow canal/river water for use by the residence in the proposed project.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA