

## Minutes of 123<sup>rd</sup> Meeting of SEIAA, Odisha Held on 19.06.2023



AGENDA NO.123.01	
Proposal No.	SIA/OR/INFRA2/430852/2023
Date of application	26.05.2023
File No.	430852/509-INFRA2/05-2023
Project Type	EC (expansion with modification)
Category	B1
Project/Activity including Schedule No.	8(b) Townships and Area Development projects.
Name of the Project	Proposal for grant of EC for Expansion with Modification of "ARIANA", Multistoried Residential complex at Mouza- Sankarpur, Bhubaneswar, District Khorda,
Name of the company/Organization	Kriday Realty Private Limited Applicant: Siddhartha Roy; General Manager - Projects
Location of Project	At Mouza- Sankarpur, Bhubaneswar, Odisha td. at Mouza- Patia, of Bhubaneswar Municipal Corporation in the Development plan area of Bhubaneswar District Khorda
ToR Date	29.04.2022
Name of the Consultant	M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar

### 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. The proposal is for Expansion with Modification of "ARIANA", Multistoried Residential complex over a built up area-58788.51 sqm at Mouza- Sankarpur, Bhubaneswar, Odisha of Bhubaneswar Municipal Corporation in the Development plan area of Bhubaneswar District Khorda for M/s.Kriday Realty Private Limited of Sri Siddhartha Roy.
2. The project falls under category "B" or activity 8 (a)-Building & Construction projects under EIA Notification dated 14th September 2006 as amended from time to time.
3. M/s Kriday Realty Private Limited has proposed for expansion with modification of Residential Project "TATA ARIANA" located at Mouza - Sankarpur , Bhubaneswar in the district of Khurda in Odisha.
4. The project has been granted prior environmental clearance vide letter no - 1997/SEIAA on dated 24th April 2013 for construction of 12 Towers having total construction area of 1,85,176.33 m2 (including Basement ) 132395.7 sqm (Excluding Basement area).
5. Later due to PPP agreement expired in the year 2017 & Extension of Time (EoT) received only in December'2021 from BDA building revised proposal for expansion and modification was submitted and recommended for the ToR .
6. Based on the same ToR was granted vide Letter No. SEIAA-File No- File No.76188/83-MIS/04-2022 dated 29.04.2022 for Expansion and Modification of Residential Project "TATA ARIANA" for total plot area of 12 Acre or 48575.31 sqm .
7. Location and Connectivity – The proposed site is located at Mouza- Sankarpur, Bhubaneswar, Odisha. The Geographical co-ordinate of the project site are Latitude: 20°15'47.40"N & Longitude: 85°45'22.72"E. The site is very near to NH 5 is approx. 0.92km.The nearest railway station is Bhubaneswar Railway Station approx. 9.3 km from the project site. Biju Patnaik International

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Airport is at a distance of approx. 7km from the project site. Chandka-Dampara Wild Life Sanctuary is about 7.71km. Nandankanan Wild Life Sanctuary is about 14km.

8. The site is coming under Bhubaneswar Municipality area.

9. The residential population of the project will be 2392 persons after 100% completion. The population for the project is estimated at 2392 permanent, 316 visitors, and 1133 in retail, Club & Town admin building etc.

10. The Current Status of building Project:

S. No.	Project Activity	Details	Work completed so far	Work Yet to be completed
i)	Plot Area	Total Plot Area: 48575.31 sqm. (12.00 Acre/ 4.857531 Ha), In Possession-201537.49 sqm		
ii)	Ground coverage	9,977.279 (20.5%)	6918.703 (14.2%)	3058.576 (6.3%)
iii)	Road Area	8075.162		
iv)	Green belt (plantation area )	9997.585		
v)	Green belt above Podium	8195.295		
vi)	Service Area	515.522		
vii)	Swimming Pool	269.383		
viii)	open parking area	5800.365		
ix)	Proposed FAR	Permissible -2.75 Proposed - 2.749		
x)	Built Up Area	EC obtained for 12 Towers with built-up area of 1,85,176.33 m <sup>2</sup> (including Basement) & 132395.7 sqm (Excluding Basement area)		
		The total built-up area after modification will be decreases from 1,85,176.33 m <sup>2</sup> (including Basement) to 171593.75 m <sup>2</sup>	Existing-79458.56 sqm (Excluding Basement) 112805.24 sqm (Including Basement))	Proposed built up area-58788.51 sqm
xi)	Landscape Area Total Green belt (plantation area) 20.6 % Green belt above Podium 16.9 %	18192.88 sqm (37.5 %)	Green belt (plantation area) 9997.585 sqm	
			Green belt above Podium 8195.295 sqm	
xii)	Parking Area 30 % percentage of total built-up area	Total parking area - 41,685.917	Existing 8 Towers = 24377.318 Sqm (31% of Built up	Proposed 4 Towers & = 17308.599 Sqm (30% of Built up

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	towards FAR		area )	area )
xiii)	Maximum height of building	66 m	-(G+13, G+14 , G+15 & G+16) -51 m	Proposed ( G+21) -66 m
xiv)	No. of Units	1210 nos.	792	418 Total no of L.I.G. Flats=244 nos (Which is more than 20% of total nos. of Flats)
xv)	Total project cost	` 557 Cr	` 346 Cr	` 211

11. Water Requirement – During Operation phase the total water requirement for proposed 4 towers is approx. 323 KLD (domestic + flushing), out of which total domestic water requirement for residential is 215 KLD, flushing water is 108 KLD. The total fresh water requirement is 215 KLD (daily basis for residential blocks for domestic requirement). It is expected that the proposed additional 4 towers will generate approx. 269 KLD (80 % of wastewater from residential and club area. The wastewater will be treated in a STP having capacity of 860 KL (provided for Existing and proposed sewage water Treatment) provided within the complex generating 215 KLD of recoverable treated waste water from STP which will be recycled within the project. During dry season there it will follow zero discharge of surplus treated wastewater and 140 KLD will become surplus in monsoon season and will be discharged into municipal sewer. Sewerage treated water can be used in Toilet Flushing & Irrigation to reduce the load on fresh water. Therefore, the total fresh water requirement is approx. 895 KLD (Existing +Proposed+ visitor and retail area etc.), out of which total domestic water requirement for residential is 589 KLD, flushing water is 306 KLD. The total fresh water requirement is 589 KLD (daily basis for residential blocks for domestic requirement).
12. Total no. of Rainwater Harvesting pits – 08 nos for the project.
13. Power Requirement - The overall maximum demand is approximately 4384.49 kW or 6000kVA at power factor 0.9. It is proposed to have Grid supply at 33KV from Electricity Supply Company. It is proposed to have 100% Power Backup for Common Area Services and limited for each flat. The Back-up power shall be provided by 415 Volt DG Sets. Total Backup power load is 3530 KVA which will be met by 3 nos. 1010 kVA, 1 no. 500 KVA 415 DG sets. Solar Power proposed for 4 towers is 100KW.
14. Solid waste Management - During operation phase, waste comprise of municipal waste majorly. Total waste generation after overall development of the project is estimated to be 3381 kg/day. Waste will be segregated into recyclable, compostable and inert waste. Apart from this E-waste will be generated from the project site. Hazardous waste to be generated from site is used oil only from DG sets. Presently, total solid waste generation is about 1.196 T/day. However, it is envisaged to be 3.8 T/day after 100% completion and operation of the project. The Municipal Solid Waste Management will be conducted as per the guidelines of Solid Waste Management Rules, 2016.
15. Green Belt – The project has been well planned to have sufficient open space and green coverage. The green area comprises of evergreen, tall and ornamental trees and ornamental shrubs inside the premises. The green area has been developed over total green area measuring 18192.88 sqm (37.5 %) has already been developed. The biodiversity in the area will improve due to the proposed green cover. Evergreen tall and ornamental trees and ornamental shrubs will be planted inside the premises.
16. Parking Details – Total Parking Area Provided - 41,685.917Sqm. (Existing 8 Towers = 24377.318 Sqm (31% of Built up area) & Proposed 4 Towers= 17308.599 Sqm (30% of Built up area ).
17. Rain Water harvested through 08 nos. of Rain Water recharging pits. .



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18. Fire fighting Installations: Fire fighting system will be installed as per recommendation of the Firefighting Officer, Odisha and as per the provisions given in Part-IV of National Building Code of India -2016 and relevant BIS specifications.
19. The project cost is 577 crores in total out of which for existing building is 327 crores and for proposed building is 250 crores. Environmental Monitoring Programme Cost Capital and recurring cost towards EMP will be Rs. 2058.75 lakhs and 429.9 lakhs/ annum respectively.
20. The project proponent along with the consultant M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar made a detailed presentation on the proposal on 03.08.2022.
21. The proposed site was visited by the sub-committee of SEAC on 09.11.2022. Following are the observations of the sub-committee and proponent needs to submit relevant documents as below:
- No construction has been made in the proposed phase except the basement. PP and Consultant were present. PP informed that the basement approval for all 3 phases were taken earlier (PP informed to submit document). Similarly, the STP has already been installed for all 3 phases as informed by PP. Thus, calculation sheet justifying the capacity to be submitted.
  - Solar power (roof top) has not been installed for earlier 2 Phases, PP informed that the same was not a requirement while the approval for the earlier 2 phases were taken. However, the solar power installations will be done for the current phase and details will be submitted.
  - A drain is existing as shown by PP, thus NOC from BMC for draining excess treated water to be taken before construction.
  - Stack height to be enhanced as committed in the proposal, as current height is less than Phase 3 building height.
22. The Sub-committee of SEAC recommended EC subject to above conditions and submission of documents /compliances as asked by the committee during presentation.
23. The PP submitted ADS on 27.09.2022.
24. The SEAC opined that the proponent has submitted the compliance as requested earlier and it has also been mentioned in ADS.
25. The proposal was placed in the SEAC meeting held on 13.01.2023 and the SEAC have recommended for grant of Environmental Clearance valid for 10 years with standard stipulated conditions and addition specific condition as below.
26. Any deficiencies/omission have been noticed in the above documents- Not submitted Certified compliance report, conditions of earlier EC not complied. Storm water drain as per BDA condition yet to be complied, greenbelt development yet to be completed, CTO granted for 12 tower by SPCB, etc.

Whether SEAC recommended the proposal – Yes. The proposal was placed in the SEAC meeting held on 13.01.2023 and the SEAC have recommended for grant of Environmental Clearance valid for 10 years with standard stipulated conditions in addition to the following specific conditions.

- Project Proponent informed that the basement approval for all 3 phases were taken earlier. Similarly, the STP has already been installed for all 3 phases as informed by Project Proponent. Project Proponent shall submit copy of basement approval for all 3 phases and calculation sheet justifying the capacity for all 3 phases before issue of Environmental Clearance.
- 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.
- 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

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- The proponent shall use solar energy atleast to the tune of 5% of total power requirement as proposed.
  - To reduce discharge of treated water to open drain, the proponent shall use more water for increased number of trees proposed to be planted in the green belt area & shall also utilize this treated water for car washing, floor washing to minimize the surplus discharge to drain.
  - The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
  - The proponent shall Comply to the provision of structural stability certificate as per the bye- law of the Development Authority.
  - When the public water supply will be available adjacent to/ in the vicinity of the proposed project in future, the PP shall avail it following due procedure of the Govt if the concerned authority agrees and dispense with the drawl of ground water except one borewell for emergency purpose. The PP shall take up suitably for the purpose with the concerned authority of the Government.
  - The PP shall adhere to terms of Agreement with BDA
  - All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.
2. The proposal was placed in 109<sup>th</sup> meeting of SEIAA, Odisha and After detailed deliberations, the Authority decided that the proposal be referred back to SEAC with the following observations:
- (i) As per MoEF & CC, Govt. of India circular F.No. J-11011/618/2010-IA-II(I) dated 30.05.2012, application for expansion project receipt without a certified report of the status of compliance of the conditions stipulated in the environmental clearance for the on-going/existing operation of the project by Integrated Regional Office (IRO) of MoEF & CC, Bhubaneswar, the EC shall not be accepted and placed for consideration before the SEAC. In this case, the certified compliance report of EC condition attached at annexure-6 is not certified by IRO, MoEF & CC, Govt. of India.
  - (ii) The SEAC is requested to give their considered view on each of the point of EC conditions after examining the certified compliance report of IRO, MoEF & CC.
  - (iii) The project has been granted prior-EC vide no. 1997/SEIAA on dated 24th April 2013 for construction of 12 Towers having total built up area of 1,85,176.33 Sq. mt. (including Basement, for Phase-I & Phase-II) and 132395.7 sqm (Excluding Basement area for Phase-I & Phase-II). Further, the CTO issued vide order no. 2866 with letter no. 1238 dated 30.01.2019 by OSPCB have been granted for the same area. Whereas, the PP has now applied the proposal for expansion of existing-79458.56 Sqm (Excluding Basement) & 112805.24 Sqm (Including Basement)) area to Proposed new built-up area-58788.51 sqm (as expansion). The discrepancy between CTO issued and work completed may be clarified.
  - (iv) The EC dated 24.04.2013 was issued by SEIAA, Odisha for 5 years based on undertaking that the storm water of quantity 770 cum/hr to be discharged through the peripheral drain of M/s. Trident properties Ltd. The BDA will acquire and construct the storm water drain of approximate length 180 meter for which the PP shall bear the cost of the drain as conditions mentioned the BDA letter no. 109/EM/BDA dated 11.02.2013. The present position and status of the storm water drain may be verified from field.
3. The proposal was again placed in SEAC meeting held on 27.03.2023 and the committee opinion that
- a. Since, this is an ongoing project, the PP has to comply the lapses as pointed out in the certified compliance report as per instruction issued by the MoEF&CC, Govt. of India in their letter dated 14.03.2023. Further, certified compliance is required and PP to submit. Here, SEIAA henceforth should forward the applications to SEAC only if such a document is submitted by PP as this is a requirement in such types of projects. This will avoid delay.
  - b. Reply of the proponent is convincing.
  - c. The committee visited and witnessed the drain that was connected to Trident drain and necessary documents including NOC were sought for discharge of storm water from the authority. However,

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documentary evidence like: agreement with Trident, BDA/BMC letter and its reply giving the consent to deposit the money for the final drain and the status of the same can be asked to PP (if not submitted earlier). The structured drain beyond Trident was to be developed / constructed after land acquisition by BDA/BMC and money to be deposited by PPs on getting the demand for the same. Thus, status of the same may be obtained in the form of documentary evidence instead of one more site visit as it is beyond the scope of the current project site.

Finally the committee recommended the additional condition:

- The proponent shall comply to the lapses as pointed out in the certified compliance report to the earlier EC conditions as per instruction issued by the MoEF&CC, Govt. of India in their letter dated 14.03.2023.

4. Again, the proposal was put in the 116<sup>th</sup> meeting of SEIAA held on 26<sup>th</sup> -27<sup>th</sup> April, 2023. The authority had perused the recommendation of SEAC and submission of PP vide their letter no. Nil dated 05.09.2022. The following are the observation were made:

- The PP was granted EC vide letter no. 1197/SEIAA dated 24.04.2013 which was valid for 10 years i.e upto 23.04.2023.
- The EC issued for 12-Towers having a total built-up area of 1,85,1776.3 sq.m and Consent to Operate (CTO) has been obtained for the same area. There is no information regarding the built-up area for which occupancy certificate has been obtained. At present, there is no scope of further EC unless the CTO /occupancy certificate is revised.
- The undertaking given by the PP while obtaining the EC dated 24.04.2013 regarding discharge of storm water quantity of 770 cum/hour has not yet been fully complied with. Any further addition of dwelling unit only leads to increase in storm water quantity without proper arrangement for discharge.
- The original EC dated 24.04.2013 contains 50 conditions. The certified compliance report furnished by MoEF & CC, IRO, Bhubaneswar vide their file no. 109-1145/EPE after inspecting the site on 13.01.2023 shows that out of 50 EC conditions, 19 no. are fully complied, 20 no. are partially complied and 11 no. are not complied even after 10 years.

In view of the above, the Authority decided to reject the application for Expansion with Modification of "ARIANA", Multi-storeyed Residential complex at Mouza- Sankarpur, Bhubaneswar, District Khorda, The PP may apply afresh after obtaining revised CTO and occupancy certificate with full compliance of previous EC condition.

5. Now, the PP had submitted new EC application as per the decision of SEIAA and has submitted the ADS of SEIAA for consideration.

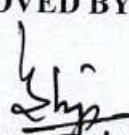
### Decision of Authority: Approved

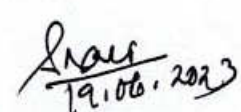
After detailed deliberation on the matter, the Authority decided as follows:

1. EC is allowed subject to closure of the IRO compliance report vide letter no. No.109-1145/EPE dated 14.03.2023 of earlier EC conditions within a period of 6 months failing which the EC will be revoked.
2. The issue of Occupancy Certificate(OC) & Consent to Operate(CTO) for the 4 nos. of Towers shall be subject to completion of storm water drain as per BDA Condition vide its letter no.109/EM/BDA, Bhubaneswar dated.11.02.2013

  
Member Secretary, SEIAA

APPROVED BY

  
Member, SEIAA

  
Chairman, SEIAA

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AGENDA NO.123.02	
Proposal No.	SIA/OR/IND1/424154/2023
Date of application	10.06.2023
File No.	424154/38-IND1/06-2023
Project Type	Proposal for ToR
Category	B1
Project/Activity including Schedule No.	3(a) Metallurgical Industries (Ferrous & Non-Ferrous)- Secondary metallurgical processing industry (Non-Toxic) - Process involving hot rolling mill without pickling
Name of the Project	Proposal for grant of ToR for Greenfield project for Production of 500,000 TPA Rolled Products at Kalinganagar Industrial complex, Village – Jakhapura, Tahasil – Danagadi, District – Jajpur, Odisha by M/s Beekay Utkal Steel Pvt.Ltd.
Name of the company/Organization	M/s. Beekay Utkal Steel Ltd. Mr. Vikas Bansal (AVP-Corporate Affairs)
Location of Project	Village – Jakhapura, Tahasil – Danagadi, District – Jajpur

### 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 ToR for Greenfield project for Production of 500,000 TPA Rolled Products at Kalinganagar Industrial complex, Village–Jakhapura, Tehsil–Danagadi, District – Jajpur, Odisha by M/s Beekay Utkal Steel Limited.
- (ii) Documents submitted: -Form-1, PFR, scrutiny fee of Rs. 5 Lakh for the project.
- (iii) This proposal is for terms of reference for Greenfield project for Production of 500,000 TPA Rolled Products at Kalinganagar Industrial complex, Village – Jakhapura, Tehsil – Danagadi, District – Jajpur, Odisha by M/s Beekay Utkal Steel Limited of Sri Vikas Bansal.
- (iv) No alternate sites considered as the proposed land comes under Kalinga Nagar Industrial notified area (Jakhapura village) vide The Odisha Gazette No. 458 Cuttack, Monday, March 03, 2014, Industrial department Notification 24th February 2014, letter no 962-XIX-HI-22/2014-I.
- (v) Baseline Study: Baseline data collection has already been conducted during period - December 2022 to February 2023.
- (vi) Location and Connectivity: The project site is located at Kalinga Nagar Industrial Complex, of Danagadi Tehsil, District- Jajpur, Odisha with Topo Sheet No. F45N16, F4504, F45T13 & F45U1 within Latitude (20°55'28.25"N to 20°55'50.84"N) and Longitude (86° 2'56.04"E to 86° 3'18.41"E). The plant well connected vide NH-200 near Dak Bangla Chhak at a distance of 3.95 km (SW direction) and connected to SH 20 near Danagadi chaak at a distance of 3.6 km. However site is connected to Industrial Corridor road of Kalinga Nagar Industrial Complex, which is connected to the NH 200 (4.02 km, WSW). Jakhapura Junction is 1.46 km away, SE and Bhubaneswar Airport is 79.00km away, SSW from the project site. Nearest nalas are one seasonal nala at 0.14km and another Ganda Nala at 3.43km. Nearest protected forest is Danagadi PF at 4.88km. There is no National Parks, Wildlife sanctuaries and Biosphere Reserves within 10 Km from the proposed site. The land falls under Seismic Zone – III (moderate damage risk zone) [as per IS 1893 (Part-I): 2002]

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(vii) Land use planning: The total land acquired for the project is 64.86 Ac (26.248 Ha) of Non- Forest Land. The plant is located at village Kalinganagar in Jajpur district of Odisha, India. The plant site is located on a considerable high land. Total land is acquired from Odisha Industrial Infrastructure Development Corporation (IDCO) vide letter no 041/ALO/JRD, dated 21.01.2023.

Table: Land Break-up – Project Area

Sl. No.	Particulars	Total Area	
		Hectares	%
1	Security Room	0.004	0.02
2	DG Room	0.0015	0.01
3	Weigh Bridge & Scale Room	0.042	0.16
4	Admin Building	0.1	0.38
5	Car Parking	0.063	0.24
6	Canteen	0.1	0.38
7	Store	0.6125	2.33
8	Work shop	0.434	1.65
9	Mill	5.549	21.14
12	Truck Parking	0.72	2.75
13	Internal Road	3.617	13.78
14	Underground Water Tank	0.483	1.84
15	Selectrical Sub Station	0.65	2.48
16	Rain Water Harvesting Pit	0.02	0.07
17	Hazardous Room	0.002	0.01
18	Elelectrical Maintainace & Fire Fighting Room	0.006	0.02
19	ETP	0.006	0.02
20	Labour Quarter	0.05	0.19
21	STP	0.075	0.29
22	Greenbelt	8.865	33.77
23	Open Area	4.79	18.24
Total Area		26.248	100

(viii) Details of project configuration and production capacities:

Production	Units & Configuration	Final Capacity	Use of Product
Rolling Mill (TMT Rebar & Wired Rod)	2x0.25 MTPA	500,000 TPA	Will be sold in Open Market

Utilization of Billet of 5,15,465 TPA for Production of 500,000 TPA Rolled products (TMT Rebars & Wired Rod), 100% sold in market.

(ix) Material Balance for 750,000 TPA Rolling mills –

Input	Quantity	Output	Specific Output	Quantity
	(TPA)			(TPA)
Billets	515,465	Hot rolled Products	0.97	500,000
		Scrap (miss-roll and end-cuts)	0.02	10,465
		Mill scale	0.01	5000
Total	515,465	Total	1	515,465



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- (x) Raw Material: The details of the raw material requirement for the Proposed project along with its source and mode of transportation is given as below:

Sl	Raw Material	Quantity (TPA)	Source (Near Plant)	Road Distance from Site in Km	Mode of Transport
1.	Billet	515,465	RINL, Visakhapatnam	472 km	Rail/Road
2.	LSHS	48,400	Paradeep Port	96 km	Road

- (xi) Water Requirement: The total makeup water requirement is 216 KLD which will be sourced from Brahmani River through Pipeline (permission of same will be obtained).

Table: Break up of total water requirement

Plant Facilities	Proposed Makeup Water (KLD)	Blowdown (KLD)
Rolling Mill (500,000 TPA)	220	34
Drinking & Sanitisation	28	23.5
Greenbelt & Plantation	45	-
Dust suppression	15	-
Sprinkling on Road	20	-
Total Water Consumption	328	57.5
Rain Water Harvesting		60

- (xii) STP/ETP: The domestic waste will be treated in STP. A total of 23.5 KLD sewage will be sent to the Sewage Treatment Plant of 25 KLD Capacity for treatment and treated water of 21.15KLD will be recycled and reused. Effluent Treatment Plant (ETP) is the Central Treatment System for the Steel Plant. ETP system shall be design for a capacity of 40 KLD. The estimated requirement of make-up water is 216 KLD.
- (xiii) Rainwater Harvesting: Rainwater harvesting pond capacity area will be 0.02 ha for storing 40240 cum water and depth of Reservoir is 8 m.
- (xiv) Power requirement: Total power requirement for plants is 12.5 MW per hour. MRSS & Associated transmission line shall be constructed for drawl of 12.5 MW of Power, however necessary bays & step-down transformer & Plant substation shall be constructed in a phase manner.
- (xv) Solid Waste Generation:

Facility	Waste	Quantity (TPA)	Management
Rolling Mill	Scrap (End-Cuts)	10465	Will be disposed through trucks & sold to SMS Plant.
	Mill Scale	5000	Will be disposed through trucks & sold to Sinter Plant.

1. Hazardous Waste Generation:

Waste	Category as per HWM Rules, 2016	Quantity (TPA)	Management
<b>Hazardous Waste</b>			
Oil Residue	Cat. 5.2	2.50	Storage in containers over impervious floor under well ventilated covered shed followed by disposal through actual users having valid authorization from SPCB, Odisha

- (xvi) Manpower: Direct Employment generation during operation phase will be 233, Period of employment 365 days. Indirect Employment generation will be around 500. Employment generation during Construction Phase will be around 60.



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- (xvii) Green belt: Greenbelt/plantation will be done in 8.865 Ha i.e 33.77 % of the total plant area. A three-tier plantation is proposed comprising of an outermost belt of taller trees which will act as a barrier. Local plant species will be preferred as per the CPCB guidelines in consultation with the Local Forest Department. 2500 number of trees per Hectare will be planted for the greenbelt development. No. of saplings to be planted-22163 Nos.
- (xviii) Project Cost: The overall cost of the project is estimated at Rs. 190.00 Crores and capital cost for Environmental Protection Measures is proposed as Rs. 15.2 Crores, which will 8 % of total project cost. Recurring Cost/annum for Environmental Pollution Control Measures Rs. 1.00 crores.
- (xix) The proponent along with the consultant M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar, has submitted the documents.
- (xx) Any deficiencies/omission have been noticed in the above documents-DLC certificate

1. Whether SEAC recommended the proposal- NA.


2. The proposal is placed for grant of Standard ToR as per OM dated 06.05.2022 issued by MoEF & CC, GOI.


### **Decision of Authority: Approved**

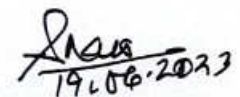
After detailed deliberations, the Authority decided to grant **Term of Reference (ToR)** to this project with additional conditions as mentioned below along with standard conditions for undertaking detailed EIA studies along with public hearing.

- (i) Submit drainage map, rainwater harvesting and reduce the consumption of water and reuse the water in rainy season.
- (ii) Certificate from concerned DFO that no forest land involved in lease area.
- (iii) Submit a traffic study report vetted by a reputed institute.
- (iv) Use fuel according to the fuel policy of the state with low Sulphur content
- (v) Project shall be designed for emission of particulate matter less than 30 mg/m<sup>3</sup>
- (vi) EIA report shall include inter alia the aspects of 'Zero Liquid Discharge' and 100 % waste utilization.
- (vii) Review the waste heat recovery design and furnish in the EIA report.
- (viii) Rainwater harvesting plan shall be prepared and furnished by the project proponent.
- (ix) Public Hearing is to be conducted by the concerned State Pollution Control Board.
- (x) The issues raised during the public hearing and commitment of the project proponent to address the same shall be compiled and submitted in a time bound action plan. The action plan shall, inter alia, contain the year-wise activities with corresponding financial allocations.

### **APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA 19-6-23

  
Chairman, SEIAA  
19.06.2023