

**Minutes of the 40<sup>th</sup> meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on June 08, 2024 at 11:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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The 40<sup>th</sup> meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Saturday the 08<sup>th</sup> June, 2024 at 11:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Prof. Anirban Gupta	Chairman, SEAC	Present
3)	Prof. Sampa Chakrabarti	Member, SEAC	Present
4)	Prof. Pradip Kumar Sikdar	Member, SEAC	Present
5)	Prof. Indranath Sinha	Member, SEAC	Present
6)	Prof. Aniruddha Mukhopadhyay	Member, SEAC	Present
7)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

**1) Reconsideration proposals :-**

**1.1) Terms of Reference:**

**1.1.1) Industry Sector :**

- I. **Proposed installation of Hot & Cold Rolling Mill Plant at Plot No.220 (Full), 221(P) & 222(P), Nachan Road, Mouza-Kamalpur, J.L No. 47, P.S & P.O.-Durgapur, District-Paschim Bardhaman, West Bengal.**

**Proposal No.:**

**SIA/WB/IND1/443169/2023**

**Project Proponent:**

**M/s. Sharp Ferro Alloys Limited.**

***Activity:***

- This is a proposal for 1,50,000 MT /Annum (TMT Bars/Flats) in **Hot Rolling Mill Plant** & 1,20,000 MT/Annum of cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line in **Cold Rolling Mill Plant**.
- Existing capacity of the plant is -
  - 1) Refined Liquid Metal: 6250 MT/Month (By Using AOD Furnace).
  - 2) 2 X 8 T Induction Furnace (IF)
  - 3) Continuous Casting Machine (CCM) : 2 Strand
  - 4) 1 X 7.5 & 5 X 9 MVA Submerged Arc Furnace (SAF)

***Salient Features of the Project:***

- Salient features of the project as uploaded by the project proponent (PP) in the PARIVESH portal may be summed up as below –

Project Name	Proposed Installation of Hot & Cold Rolling Mill Plant
Project Location	Plot No.220 (Full), 221 (P) & 222 (P), Nachan Road, Mouza-Kamalpur, J.L No. 47, P.S & P.O.-Durgapur, District-Paschim Bardhaman, West Bengal.
Latitude & Longitude	23°35'25.18"N & 87°18'7.88"E
Production Capacity	1,50,000 MT /Annum (TMT Bars/Flats) & 1,20,000 MT/Annum of cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line
Raw material requirements	Billets 162000 MT/Year
Total Land Area	20 Acre (Hot & Cold Rolling Mill Project will be installed & commissioned within the existing plant premises).
Green belt development area	6.6 Acres (33% of total land area)
Product	TMT Bars/Flats & Stainless Steel (cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line)
Working Days	300
Manpower	140 (Exisitn-100 & Expansion-40 Persons)
Expected Cost of the Project	Total Project cost Rs. 30 Crore
Water Requirement	20 KLD (Source of Water: Durgapur Municipal Corporation)
Power Description	2.2 MW (Power Source: Damodar Valley Corporation)

### ***Chronology of Events:***

- The existing project has already obtained Consent to Operate from WBPCB
  - a) vide No. CO107590, Memo No. 608-dr-co-s/10/1184 dated 09.04.2019 for Induction Furnace and Ferro Alloys which was valid upto 31.01.2024.
  - b) vide No. CO131921, Memo No. 32-dr-co-s/10/1184 dated 19.02.2021 for refined liquid metal by using of AOD furnace (1x25 T/charge) of capacity 6250 MT which was valid upto 31.01.2024.
  - c) vide No. CO132027, Memo No. 88-7/WPBD-Cont(579)/98(Pt.II) dated 11.01.2012 for Briquettes of 5000 Tons, Ferro Chrome (recovered) of 250 Tons, Ferro Manganese (recovered) of 150 Tons and Silico Manganese (recovered) of 150 Tons which is valid upto 31.01.2024.
- The existing project has already obtained Consent to Establish from WBPCB vide NOC Sl. No. NO137515 Memo No. 525-dr-nc-r/18/0267 dated 27.07.2018 for Rolling Mill of 150000 TPA and AOD of 2x25 T/charge.
- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 06.09.2023.
- The PP was called for the ToR presentation in the 15<sup>th</sup> meeting of SEAC, WB held on 20.09.2023 and the PP presented their proposal in this meeting.

- The SEAC observed that the PP has submitted the application for installation of Hot Rolling Mill of 1,50,000 MT /Annum (TMT Bars/Flats) & 1,20,000 MT/Annum of cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line. However, the PP has already obtained CTE for Rolling Mill of 150000 TPA. Therefore, the entire application should be modified in that respect.

It is also observed that the industry is located in Severely Polluted Area (SPA).

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following **observations/ additional conditions**:

**Mandatory documents:**

1. Existing and proposed units to be clearly demarcated.
2. PFR to be modified and uploaded.
3. Compliance of the points mentioned in O.M. issued by MoEF&CC dated 31.10.2019 should be strictly followed and submitted.
4. A certified copy of the report of the status of compliance of the conditions of the CTO for the existing operation of the project.
5. Configuration and production capacity of the existing and proposed project.
6. Photographs of the existing plant area and the area of proposed expansion.
7. Photographs of existing plantation, if there be any.
8. A list of raw materials mentioning quantity source and mode of transport of those required for proposed expansion.
9. Prediction of impacts on air quality and maximum predicted incremental rise in ground level concentration due to proposed expansion.

**Land use and layout:**

10. Site plan to be corrected clarifying greenbelt area. Both adjacent plots to be showed within same site plan. The minimum greenbelt area should be at least 40% of the total plot area. Action plan to a scale of 1:100 for the greenbelt development over 40% of the total land area with maintenance plan of the plantation is to be submitted.
11. Land use break up showing each facilities / unit operations both in sqm. and percentage adding upto 100% to be submitted.
12. Superimposed mouza map showing the plot area to be submitted.
13. Total land documents of 20 Acre, individual plot nos. showing the status of conversion and mutation in the name of PP should be submitted.

**Water and wastewater**

14. Permission from DMC for supply of 20 KLD of fresh water.
15. Justification for providing an ETP with wastewater analysis.

**Solid waste**

16. Clarification of 'refractory' and 'sludge' among solid waste.
17. MOU for disposal of slag and dust and analysis of slag and dust to be submitted.

**Disaster risk reduction**

18. Risk assessment, precautionary measures, and disaster management plan to be submitted.

**Social part of EMP**

19. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified.
- The project proponent uploaded their reply in PARIVESH Portal on 24.05.2024, which was considered in the 40<sup>th</sup> meeting SEAC, WB (2023-2026) held on 08.06.2024.

**SEAC observations and recommendations:**

- The SEAC scrutinized the documents submitted by the PP in the 40<sup>th</sup> meeting SEAC, WB (2023-2026) held on 08.06.2024. Based on the submission made by the PP, the SEAC observed that the PP has not submitted any reply to the query raised. Therefore, the PP is requested to submit specific point wise reply to the queries.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

**The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.**

**1.2) Environmental Clearance :****1.2.1) Construction Sector :**

- I. **Proposed Modification of “Aerotropolis Township” at Village: Andal, Dakshinkhanda, Tamla, Patsaora, Taluk: Durgapur, District: Paschim Bardhaman, West Bengal.**

<b>Proposal No.:</b>	<b>SIA/WB/INFRA2/450748/2023</b>
<b>Project Proponent:</b>	<b>M/s. Bengal Aerotropolis Projects Limited.</b>
<b>Environmental Consultant:</b>	<b>M/s. Voyants Solutions Private Limited.</b>

**Activities:**

- This is a proposal for Integrated Township (including group housing, Bungalow, Commercial and Industries). Total project site is spread over an area of 1977 acre, Net plot area of the project site is (1327 acres) with Residential Area 362.77 acres, Industrial Park 188.69 acres, Institutional Area 63.41 acres, Rehabilitation & EWS Area 91.11 acres, Mixed Use 358.38 acres: - (MU-residential 17.78, MU- Industrial 205.35 acres, and MU- institutional Area 135.25 acres), Road Area: - 145.41 acres, Utilities Area: - 30.5 acres, development of green belt has been planned over an area of 87.63 acres.
- The project proponent had already obtained Environmental Clearance vide No. EN/2041/T-II-1/025/2009 dated 11.08.2011.

**Salient Features of the project:**

- Salient features of the proposed project as uploaded by the PP in the PARIVESH portal is as below –

Land Area	1327.9 Acre
Block details	The project site is located in Andal, Dakshinkhanda, Tamla, Patsaora villages of Durgapur Taluk in the Paschim Bardhaman district of West Bengal
No. of flats	24747
Expected Population (as per	254261
Total Water requirement (as per NBC, 2016)	26038 KLD in which 17671 KLD from DMC fresh water and 8367 KLD recycled water
Fresh Water requirement	17671 KLD
Wastewater generated	22503 KLD
Wastewater recycled	18003 KLD
Wastewater discharged	Nil as project will act on ZLD
Solid waste generation & disposal (as per NBC, 2016)	54506 kg/day
<b>Total Built-up Area</b>	<b>18846028.04 sqm</b>
Ground Coverage with percentage of the total land area	47% (average)
Service Area with percentage of the total land area	19.8%
Waterbody Area (if any), with percentage of the total land area	49 ponds which covers 31.89 acres
Exclusive Tree Plantation Area with percentage of the total land area	324.41 acre of land out of the total area i.e. 1327.9 acre. 24% of the total land area. Existing trees – 350 Already planted – 2600 Proposed Further Plantation – 14135.
Other Green Area with percentage of the total land area	324.41 acre 24% of the Net plot area 1327.9 acre. The BAPL will be planting green belt with an area of 60.31 acre which is 3%. Remaining area 21% (264.1 acre) will be developed by individual-by-individual plot owners.
Total Paved Area with percentage of the total land area	80%
Area for services	263.541
Peak power demand load for the project	146.64 MVA from WBSETCL
Solar power plant generation in KW & % of the connected load	8640KW
No. of Parking spaces proposed	To be given by individual project owners as per norms
No. of Trees proposed	14135

Backup Power	2 No. of D.G sets with the total capacity 4000 kVA (2x2000)
Project Cost (Rs.)	Rs. 480.34 crores

***Chronology of the Events:***

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 22.02.2023 (Proposal No. SIA/WB/INFRA2/419254/2023).
- In accordance with the recommendation of the SEAC, SEIAA, issued ToR vide No. 788/EN/T-II-1/182/2023 dated 25.04.2023.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 13.12.2023.
- The PP was called for the EC presentation in the 23<sup>rd</sup> meeting of the SEAC, WB (2023-2026) held on 03.01.2024 and the PP presented their proposal in this meeting.
- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC observed that the PP has not submitted the EIA report covering all the points mentioned in the ToR, especially the additional points given in the ToR have not been properly addressed. The PP is requested to submit specific and proper replies to the ToR points. Also, the following documents / clarifications should be uploaded:

**Mandatory documents**

1. Built up area of the project should be submitted only as defined by MoEF&CC vide their O.M. dated 07.07.2017.
2. The population calculation, water requirement, solid waste generation and waste water generated should be done on basis of NBC, 2016.
3. Concurrence from the competent authority for discharge of storm water, waste water and solid waste generated should be submitted.
4. Permission from WBF&ES and Airport Authority of India for the entire project.
5. Salient feature of the project. The features of the project should include the correct built up area defined by MoEF & CC as given in the sanctioned building plan, population and water requirement as per NBC, 2016. The area statement of the project in sqm. and percentage should be certified by the competent authority.
6. All features of the Notification vide no. 2495/EN/T-II-1/011/2018 dated 17.12.2019 issued by SEIAA should be complied with. The revised features of the project should be submitted accordingly.

**Water & waste water**

7. Recycling/use of treated wastewater has been proposed. Detailed plan (like any conveyance system for the treated wastewater) for such recycling from a centralised STP of a township may be elaborated.
8. Revised water balance diagram should be submitted.
9. Water-efficient plumbing fixtures and fittings conforming to relevant IS standards should be installed.

**Land and Land use**

10. Revised, complete and clarified land use statement with percentage should be provided

**Air quality**

11. Heights of the air-quality monitoring points/ air sample collection points to be specified.

**Building materials and energy consumption**

12. PP shall commit to adopt a bird-safe façade treatment, wherever applicable, with bird-friendly glass solutions that provide the greatest chance for birds to identify the glazing surfaces and avoid collision.
13. Energy efficient and energy-labelled appliances/ equipments should be installed and an inventory in this regard may be maintained.

**Solar PV**

14. Layout plan for proposed solar PV and utilization plan for the solar energy should be submitted.

**Greenbelt / tree plantation**

15. The green belt area submitted by the PP is not in consonance with the DFO approved plantation plan. The total area of the project is given as 1977 acres while the DFO approved plantation plan is for 60.31 acre which is only 3% of the plot area. Necessary clarification in this regard should be submitted. Contractual bindings for providing stipulated percentage of plantation areas, for the individual land owners for residential and industrial projects, respectively, should be provided.

**Need based EMP**

16. Revised need based EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

- The project proponent uploaded their reply in PARIVESH Portal on 30.04.2024, which was considered in the 38<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 18.05.2024.
- The SEAC scrutinized the documents submitted by the PP in the 38<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 18.05.2024. After careful consideration and detailed deliberation, the committee recommended that since the entire project proposal consisting of salient features of the project have been changed from the EIA report, the PP should submit a revised EIA report for the project and appear for a presentation before the SEAC.
- The project proponent uploaded their reply in PARIVESH Portal on 03.06.2024 along with the revised EIA report. The PP presented their proposal in the 40<sup>th</sup> meeting SEAC, WB (2023-2026) held on 08.06.2024.

**SEAC observations and recommendations:**

- The SEAC considered the presentation of the PP and scrutinized the documents submitted by the PP in the 40<sup>th</sup> meeting SEAC, WB (2023-2026) held on 08.06.2024. Based on the presentation and submission made by the PP, the SEAC observed that the PP has not uploaded proper reply to the queries raised. During the presentation made by the PP, the SEAC noted that considerable rectification regarding queries should be incorporated in the EIA report. Therefore, the PP should revise their EIA report accordingly as discussed in the meeting.

Further, following additional points also to be considered :

1. Detailed flow diagram of STP and ETP should be submitted. Usage of ETP-treated water (instead of STP) should be indicated. The ETP-treated water should be routed to the reservoir through the STP. Scheme should be revised.
2. 1% of the total power should be solar.
3. An assessment of the local needs to be done and should be submitted.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

**Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the fortieth meeting held on 08.06.2024 and the Summary Decisions thereof:**

Sl. No.	Name of the unit and Project address	Summary Decision
1. Reconsideration proposals		
1.1) Terms of Reference		
1.1.1) Industry Sector		
I.	M/s. Sharp Ferro Alloys Limited. Proposed installation of Hot & Cold Rolling Mill Plant at Plot No.220 (Full), 221 (P) & 222 (P), Nachan Road, Mouza-Kamalpur, J.L No. 47, P.S & P.O.-Durgapur, District-Paschim Bardhaman, West Bengal, West Bengal. (Proposal No.: SIA/WB/IND1/443169/2023)	Additional Details Sought
1.2) Environmental Clearance		
1.2.1) Construction Sector		
I.	M/s. Bengal Aerotropolis Projects Limited. Proposed Modification of “Aerotropolis Township” at Village: Andal, Dakshinkhanda, Tamla, Patsaora, Taluk: Durgapur, District: Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/INFRA2/450748/2023)	Additional Details Sought

There being no other agenda the Chair thanked the members present for their fruitful participation and deliberations. The meeting ended with a vote of thanks to the Chair.



Sd/-

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(Anirban Gupta)  
Chairman  
S E A C, West Bengal

Sd/-

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(Pradip Kumar Sikdar)  
Member  
S E A C, West Bengal

Sd/-

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(Indranath Sinha)  
Member  
S E A C, West Bengal

Sd/-

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(Sampa Chakrabarti)  
Member  
S E A C, West Bengal

Sd/-

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(Aniruddha Mukhopadhyay)  
Member  
S E A C, West Bengal

Sd/-

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(Shubhendu Bandyopadhyay)  
Member  
S E A C, West Bengal

Sd/-

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(Rajesh Kumar, IPS)  
Secretary  
S E A C, West Bengal