# OFFICE OF THE STATE EXPERT APPRAISAL COMMITTEE (SEAC), ASSAM MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, GOVERNMENT OF INDIA BAMUNIMAIDAM, GUWAHATI-21.

Email id :expertappraisalassam@gmail.com

Minutes of the 9th Meeting (2nd Sitting) of the State Expert Appraisal Committee (SEAC) held on 30th May, 2024 from 2.00 PM to 5.00 PM in the Conference Hall, 3rd floor, Pollution Control Board, Assam.

### List of the Hon'ble Members / Officials present in the meeting:

SI no.	Name	Designation	Signature
1	Sri Jatindra Sarma, IFS (Retd.)	Chairman	Sd/-
2	Dr. Apurba Kumar Das	Member	Sd/
3	Dr. Bijoy Sankar Goswami	Member	Sd/-
4	Dr. Rahul Mahanta	Member	Sd/-
5	Sri. Arup Barpujary	Member	Sd/-
6	Dr. Raza Rofiqul Haque	Member	Sd/
7	Shri Shantanoo Bhattacharyya	Member	Sd/
8	Dr. S.K. Dutta	Member Secretary	Sd/-

At the very outset, the Member Secretary, SEAC welcomed the Hon'ble Chairman, SEAC and all the Members of the Committee. He briefed the house about the agenda for the meeting as circulated and requested the esteemed members for their thorough participation and deliberation to expedite the process of disposal of the pending cases and the proposed project Proposals. The Chairperson requested the Hon'ble Members for conduct of the site inspections, as pending, for their disposal through deliberation in the next meeting proposed to be held later in the next month.

As per the agenda, the august committee duly reviewed the Minutes of the Meetings (1st Sitting and 2<sup>rd</sup> Sitting) held on 30<sup>th</sup> April 2024 and ratified the minutes.

As per the agenda for the 2<sup>nd</sup> Sitting, the august Committee duly deliberated, discussed and made appraisal and furnished their opinion / views which were unanimously accepted, as pointed out against each of the agenda items, quoted here under:



### A. CASES REVERTED BACK BY SEIAA FOR RECONSIDERATION:

 Environmental Clearance for Bhalakhowa Sand Mining Permit Area under Kamrup West Division by Sri Ashok Sangma (SIA/AS/MIN/425334/2023) SEIAA. 3471/2023

Recommended in 5th SEAC Meeting held on 30.01.2024 and reverted back to the SEAC after due consideration on 10th SEIAA Meeting held on 22.03.2024. The ground cited for the case is for ....."clarification and confirmation of prevailing norms / guidelines regarding the proximity of the proposed sites from RF."

For the sake of brevity, the Resolution of the 5th SEAC Meeting is reproduced below:

### " Resolution 5/21:

The Project Area as allotted is measuring 0.27 Ha with the Mining Area being 0.27 Ha and recommended quantity of minor minerals comprising of 2,496 cu m Sand for 1 (one) year as per the approved Mining Plan. The Mining Plan was prepared by the Registered Qualified Person (RQP) Dr Moloi Bora and the proposed mining area was visited by the RQP while the same was approved by the Director, Geology and Mining, Govt of Assam vide letter dated 21.12.2023. The DFO, Kamrup West Division, Bamunigaon had requested for the grant of the EC for the proposal allowing extraction minor minerals vide letter dated 03.04.2023.

Necessary documents submitted in support of the proposal is examined and appraised.

Due discussions and deliberations are held. The Committee after due deliberation and appraisal is of the considered opinion to recommend for grant of the EC by the SEIAA for a quantity of 2,496 cu m Sand for 1 (one) year subject to the conditions that the proponent shall have to strictly follow all terms and conditions laid down in the approved mining plan and also subject to the conditions that: (a) mining shall be confined and limited to the area falling within the GPS and (b) the proponent is permitted to extract the approved quantity of minor minerals with maximum mining depth of up to 2 (two) meters only from the non-mined surface.

The Divisional Forest Officer shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period. Further, DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall also ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow with the coordinates depicted there in on the pillars / posts, following the GPS coordinates in terms of the approved Mining Plan."

1

Deliberation:



The SEAC have deliberated upon the issue raised by the SEIAA and it is clarified that there is no bar in mining activity near to the RF if the proposed mining area is not covered by ESZ. However, in the instant case it is revealed on scrutiny that the validity of the Mining Plan have already expired.

#### Decision:

In view of the above proposition, the SEIAA may not like to act upon now for grant of the EC till fresh application is received with approved Mining Plan for the proposal from the project Proponent.

 EC for Sastri Gaon Brick Earth Mining Permit Area under Nagaon South Forest Division, Hojai, Assam proposed by Munmun Roy (SIA/AS/MIN/ 435474/ 2023) SEIAA. 3551/2023

Recommended in 5th SEAC Meeting held on 30.01.2024 and reverted back to the SEAC after due consideration on 10th SEIAA Meeting held on 22.03.2024. The ground cited for the case is for ....."clarification and confirmation of prevailing norms / guidelines regarding the close proximity between the two proposed mining sites."

For the sake of brevity, the Resolution of the 5th SEAC Meeting is reproduced below:

#### " Resolution 5/22:

The project proposal requesting for grant of the EC for mining of Ordinary Earth for Sastri Gaon Brick Earth Mining Permit Area **proposed by Munmun Roy** under Nagaon South Division, Hojai is placed before the SEAC for appraisal and detailed discussion.

The Project Area as allotted for mining is measuring **0.15** Ha with the recommended quantity of of Ordinary Earth measuring **1,000** cu m for 6 (six) months as per the approved Mining Plan. The Mining Plan was prepared by the Registered Qualified Person (RQP) Dr Abhijit Bora and the proposed mining area was visited by the RQP while the same was approved by the Director, Geology and Mining, Govt of Assam on 31.05.2022. The DFO, Nagaon South Division had recommended the proposal on 21.07.22.

Necessary documents furnished by the proponent along with the approved Mining Plan in support of the proposal are discussed in detail.

Due deliberation is held and the Committee is pleased to recommend for the proposal for 6 (six) months only approving to extract 1,000 cu.m of Ordinary Earth from the proposed site with the condition (i) that maximum mining depth is allowed up to 2 (two) meters from the non-mined ground surface strictly following all the terms and conditions laid down in the approved mining plan; (ii) the Proponent shall also invariably obtain the latest CTE / CTO from the PCB, Assam and (iii) the Proponent shall strictly follow the Zigzag technology for production of bricks.



The Proponent further must ensure raising Green Belt around the premises in consultation with the DFO for planting suitable evergreen species of plants all along the periphery of the plot of land which need to be uploaded in the PARIVESH portal.

The Divisional Forest Officer, Nagaon South Division, Hojai is required to ensure due vigilance on the mining operation to avoid occurrence of irregularities during the mining period. Further, the DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall arrange to mark the boundary of the mining site on ground fixing permanent pillars, painted yellow inscribing the Geo-coordinates therein on the pillars, following the GPS coordinates mentioned in the approved mining plan.

Compliance by the proponent of all the terms and conditions stipulated in the EC shall have to be ensured by the concerned Divisional Forest Officer."

#### Deliberation:

The SEAC have deliberated upon the issue raised by the SEIAA and it is clarified that there are guidelines circulated by the MoEF & CC containing certain restrictions vide Notification No G.S.R. 143 (E) dated 22.02.2022 particularly for use of the Zigzag technology in manufacture of bricks, restrictions in distances between units etc etc to be enforced by the PCBA. However, in the instant case, it is revealed on scrutiny that the validity of the approved Mining Plan have already expired now (May'24) as recommended for 2 (two) years with the mining permit for 6 (six) months only from the date of issue of the EC by the SEIAA.

#### Decision:

In view of the above proposition, the SEIAA may not like to act upon the recommendation for grant of the EC till fresh application is received with approved Mining Plan for the proposal from the project Proponent.

 EC for Sastri Gaon Brick Earth Mining Permit Area under Nagaon South Division, Hojai by Sri Bijoy Mazumder (SIA/AS/MIN/435133/2023) SEIAA. 3550/2023

Recommended in 5th SEAC Meeting held on 30.01.2024 and reverted back to the SEAC after due consideration on 10th SEIAA Meeting held on 22.03.2024. The ground cited for the case is for ....."clarification and confirmation of prevailing norms / guidelines regarding the close proximity between the two proposed mining sites."

For the sake of brevity, the Resolution of the 5th SEAC Meeting is reproduced below:

## " Resolution 5/26:

The project proposal requesting for grant of the EC for mining of Ordinary Earth for Sastri Gaon Brick Earth Mining Permit Area proposed under Nagaon South Division, Hojai is placed before the SEAC for appraisal and detailed discussion.

The Project Area as allotted for mining is measuring **0.19 Ha** with the recommended quantity of of Ordinary Earth measuring **1,000** cu m for 2 (two) years as per the approved Mining Plan. The Mining Plan was prepared by the Registered Qualified Person (RQP) Dr Abhijit Bora and the proposed mining area was visited by the RQP while the same was approved by the Director, Geology and Mining, Govt. of Assam on 31.05.2022. The DFO, Nagaon South Division had recommended the proposal on 21.07.2022.

Necessary documents furnished by the proponent along with the approved Mining Plan in support of the proposal are discussed in detail.

Due deliberation is held and the Committee is pleased to recommend for the proposal for 6 (six) months only approving to extract 1,000 cu.m of Ordinary Earth from the proposed site with the condition (i) that maximum mining depth is allowed up to 2 (two) meters from the non-mined ground surface strictly following all the terms and conditions laid down in the approved mining plan; (ii) the Proponent shall also invariably obtain the latest CTE / CTO from the PCB, Assam and (iii) the Proponent shall strictly follow the Zigzag technology for production of bricks.

The Proponent further must ensure raising Green Belt around the premises in consultation with the DFO for planting suitable evergreen species of plants all along the periphery of the plot of land which need to be uploaded in the PARIVESH portal.

The Divisional Forest Officer, Nagaon South Division, Hojai is required to ensure due vigilance on the mining operation to avoid occurrence of irregularities during the mining period. Further, the DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall arrange to mark the boundary of the mining site on ground fixing permanent pillars, painted yellow inscribing the Geo-coordinates therein on the pillars, following the GPS coordinates mentioned in the approved mining plan.

Compliance by the proponent of all the terms and conditions stipulated in the EC shall have to be ensured by the concerned Divisional Forest Officer."

#### Deliberation:

The SEAC have deliberated upon the issue raised by the SEIAA and it is clarified that there are guidelines circulated by the MoEF & CC containing certain restrictions vide Notification No G.S.R. 143 (E) dated 22.02.2022 particularly for use of the Zigzag technology in manufacture of bricks, restrictions in distances between units etc etc to

be enforced by the PCBA. However, in the instant case it is revealed on scrutiny that the validity of the approved Mining Plan have already expired now (31 st May'24) as recommended for 2 (two) years with the mining permit for 2 (two) years only from the date of issue of the EC by the SEIAA.

#### Decision:

In view of the above proposition, the SEIAA may not like to act upon the recommendation for grant of the EC till fresh application is received with approved Mining Plan for the proposal from the project Proponent.

### B. ADS Reply:

 EC for mining of Sand, Gravel, Sand-Gravel, small sized Boulder in "Garumara Char Pt-II Sand, Gravel, Sand-Gravel, and small size Boulder Mining Permit Area" by Sri Delowar Hussain. (SIA/AS/MIN/421402/2023) SEIAA. 3402 /2023

The proposal was discussed in the 4th SEAC Meeting (1st Sitting) and Additional Documents Sought from the Proponent. Deliberations and discussions made in the aforesaid meeting is reproduced below:

### " Resolution 4/15:

The Project Area as allotted is measuring 2.42 Ha with the Mining area approved being 2.42 Ha with the recommended quantity of 9,000 cu.m Sand, Gravel, Boulder and Sand-Gravel in 3 (Three) years as per the approved Mining Plan. The Mining Plan was prepared by the Registered Qualified Person (RQP) Dr Moloi Bora and it is not clear if the proposed mining area was visited by the RQP while the same was approved by the Director, Geology and Mining, Govt of Assam vide letter dated 11.03.2022. The DFO, Parbatjhora Division had requested for the grant of the EC for the proposal allowing extraction vide letter dated 15.03.2022.

Necessary documents submitted in support of the proposal regarding ownership, possession of land in question, NOC by the land owner are examined and appraised. Due discussions and deliberations is held by the SEAC.

## On careful scrutiny of the papers connected with the case it revealed that:

- i) apparently the plot of land is situated in the heart of the river which need to be ascertained clearly by the competent Revenue authority,
- ii) the land documents furnished are not legible,



iii) the Registered Deed of Agreement from the Sub Register Office regarding the NOC by the joint land Patta holders giving authority to the proponent for allowing removal of minerals is found wanting which need to be submitted,

iv) the JVR copy as furnished needs clarity and the same has to be done afresh by the concerned Range Officer and the Circle Officer as per procedure and scanned copy be submitted by the DFO.

The Committee is of the opinion that above documents/ information are required to be furnished accordingly for consideration by the Committee in due course."

The documents furnished by the Proponent, accordingly, point wise on 02.05.2024, are placed for scrutiny and discussion by the SEAC.

The Committee after due deliberation and appraisal is pleased to recommend for grant of the EC by the SEIAA for a quantity of 9,000 Cu M of Sand, Gravel, Boulder and Sand-Gravel in 1(one) year @ 3,600 Cu M of Sand; Sand-Gravel and @ 1,800 Cu M Boulder subject to the conditions that the Proponent shall have to strictly follow all terms and conditions laid down in the approved mining plan and also subject to the conditions that: (a) mining shall be confined and limited to the area falling within GPS coordinates; (b) the active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials and (c) the Proponent is permitted to extract the approved quantity of river bed Sand, Gravel and Boulder with maximum mining depth of up to 2 (two) metres from the non-mined surface.

It also came to light during the course of discussion, as has been pointed out by the Member Secretary, SEAC that for mining in river beds and in flood plains the Consent to Establish / Consent to Operate (CTE / CTO) are essentially required to be obtained from the State PCB in terms of the guidelines circulated by the CPCB / MoEF & CC for non manual extraction.

The Divisional Forest Officer, Parbatjhora Division shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period. Further, DFO is to ensure that mining be allowed only within the approved mining site and not beyond the limit of the same. Accordingly, DFO shall also ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow with the coordinates depicted there in on the pillars / posts, following the GPS coordinates mentioned in the approved mining plan.

5. Amendment of TOR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA and MS Steel Billet-66000 TPA through IF(10 TPH x 3) by K D Iron and Steel Co (SIA/AS/IND/306807/2023) SEIAA.3456/2023

The project Proposal came up for discussion and deliberation by the SEAC in its 5th Meeting. The Resolution of the 5th SEAC Meeting is reproduced below:

### " Resolution 5/5:

The proposal requesting for Amendment of ToR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA and MS Steel Billet-66000 TPA through IF(10 TPH x 3) at IIDC, Village: Borshil, PO: Maranjana, Rangia, Kamrup, Assam proposed by K D Iron and Steel Co is placed before the SEAC for appraisal and necessary deliberation.

Area of the proposed project is **3.14** Ha and the project proposal falls under Category B<sub>1</sub> of Schedule 3 (a) of the EIA notification. Initially, online standard ToR was granted by the SEIAA on 17.05.2023.

The Proponent of the proposal is Sri Vikash Bagaria, a partner of the Company and the detail presentation was made by the consultant Anacon Laboratories Ltd represented by Sri Swaroop Tripathy.

The Budgetary provisions for Environmental Management Plan considered the Capital investment is Rs. 90 Cr including the EMP cost. Additional proposed cost for the expansion of the project is estimated at Rs. 115.00 Cr. Thus, the total Project cost after proposed expansion is Rs 205 Cr.

The proposal is for ToR for Regularization of existing production facilities for TMT Bar-84000 TPA, MS Coil-12936 TPA, MS Black Wire-1116 TPA & MS Wire Nail-792 TPA (Total Production Capacity under Regularization-98,844 TPA) and MS Steel Billet-66000 TPA through IF(10 x 3 TPH) for which EC was granted by the SEIAA, Assam on 16.02.2018 (EC Capacity 90,000 TPA) within the same plant premises of M/s. KD Iron & Steel Co. (EC granted as per the GOI Notification dated 20th July, 2022). The amended EC was also granted subsequently on application by the SEIAA, Assam vide letter dated 19.06.2023.

The reasons furnished for amendment of the ToR as already granted (Standard ToR), the project Proponent clarified that the management have decided to expand its existing production facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Re -rolled products [From 98844 TPA to 200000 TPA (174600 TPA through Hot Charging & 25400 TPA through Reheating Furnace 20TPH] within the existing plant area of 3.14 Ha.

All the material facts are placed before the august Committee for perusal and deliberation. The papers connected to the project and the requisite forms as uploaded were also placed before the Committee including the Pre Feasibility Report (PFR) for detail discussion and deliberation. The EIA Consultant Anacon Laboratories Pvt. Ltd made presentation in detail supported by one of the Company Partners.

The Committee decided to have a ground verification of the plant activities and the scope for enhancement of production capacities through a sub-committee of the SEAC to be constituted for the purpose before recommending for grant of the amendment of ToR by the SEIAA."



In pursuance of the decision taken in the aforesaid meeting field inspection was conducted by the sub-Committee and their report was uploaded in Parivesh portal. The Report is placed before the SEAC for further deliberation as reproduced below in **verbatim**.

# " Site Visit Report 29.04.2024

### A. Proposal Information Order:

 Name of the Proposal – Amendment in ToR with Proposed Expansion of Existing Production Facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Rerolled products [From 98844 TPA to 200000 TPA (174600 TPA through Hot Charging & 25400 TPA through Reheating Furnace\_20TPH)] with no change in Existing Billet Reheating Capacity - 20 TPH.

### 2. Project ID (Online Proposal Number

Proposal No.: SIA/AS/IND/306807/2023 Dated: 30.11.2023

Earlier Proposal No.: SIA/AS/IND1/453541/2023 Dated: 29.04.2023

- Name of the Company / Organization / User Agency M/s. KD Iron & Steel Co. located at IIDC, Village- Borshil, Sotshil, P.O. Maranjana, P.S. Rangia, Tehsil - Rangia, Dist.- Kamrup (Rural), Assam – 781354
- 4. Project proposal for Amendment in ToR with Proposed Expansion of Existing Production Facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Rerolled products [From 98844 TPA to 200000 TPA (174600 TPA through Hot Charging & 25400 TPA through Reheating Furnace\_20TPH)] with no change in Existing Billet Reheating Capacity - 20 TPH.

### **B. Site Details**

- 1. State- Assam
- District- Kamrup (Rural)

# 3. Bounded Latitude and Longitude

I. 26°23'16.38"N, 91°38'6.38"E II. 26°23'16.96"N, 91°38'8.84"E III. 26°23'16.59"N, 91°38'10.82"E IV. 26°23'14.78"N, 91°38'11.06"E

C. Brief description or nature of project activity:



The project M/s. KD Iron & Steel Co. is located at IIDC, Village Borshil, Sotshil, Po. Maranjana, P.S. Rangia, Tehsil - Rangia, District - Kamrup (Rural), Assam – 781354.

The standard ToR was granted earlier by the SEIAA Assam vide file no. SEIAA.3456/2023 on dated 17.05.2023 for seeking Environmental Clearance as per Government of India Notification S.O. 3250 (E) dtd. 20th July 2022 for regularization of production capacity as per existing valid CTO. The present proposal is for Amendment in ToR with Proposed Expansion of Existing Production Facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Rerolled products [From 98844 TPA to 200000 TPA] with no change in Existing Billet Reheating Capacity - 20 TPH.

As per EIA Notification dated 14th Sept. 2006 & amendment thereof; this project falls under Category "B"; Project Activity '3(a)' Metallurgical Industries.

## D. Salient Features of the Project-

The project is for Proposed Expansion of Existing Production Facilities for M.S. Billet (from 66000 TPA to 180000 TPA) through Induction Furnace (15 TPH x 4 Nos.) and Rerolled products [From 98844 TPA to 200000 TPA (174600 TPA through Hot Charging & 25400 TPA through Reheating Furnace\_20TPH)]

The project is on the existing land of 3.14 Hectare. Total green belt developed is about 16% i.e., 0.50 Ha within plant premises.

This is an expansion of existing production capacity project within the existing plant premises. No additional land will be required. Thus, there will be no change in land use pattern.

Existing water requirement = 95 KLD (NOC from CGWB already obtained), Proposed water requirement = 230 KLD (NOC from CGWB to be obtained), Domestic Waste Water = 5 KLD, STP = 5 KLD, Existing Recycled Water = 85 KLD

Existing power requirement = 15 MW, Proposed power requirement = 25 MW, existing DG Set 1×750 KVA & 1×125 KVA

Existing manpower = 93 employees, proposed total manpower requirement: 293 employees
Estimated total Project Cost = 290 Crores (Existing Cost = Rs. 90 Cr. + Proposed expansion Cost = Rs. 200 Cr.)

# E. Composition of the Sub-Committee

Ref.: Order SIA/AS/IND/306807/2023 dtd. 14.02.2024

Name of the official – Dr Shantanu Kr Dutta, Member Secretary, SEAC

Dr Bijoy Sankar Goswami, Member, SEAC

Dr Rahul Mahanta, Member SEAC

Mr Arup Barpujari, Member SEAC

- 2. Role in the Committee To inspect the site and assess the present status of the site and the probable impact on the natural environment in the surroundings during operational phase. The sub-committee is to submit their detail site inspection report with specific suggestion, observation for needful action.
- 3. Date of Visit 2.30 5.00 Hrs. on 03.04.2024
- F. Whether any violation of provision as per EIA Notification 2006 has been observed / recorded? No
- G. Additional Details, (if any)-
- H. Details of the Site inspected-
  - Large quantity of coal were found dumped in open areas inside the premises. Leachate generated from such dumping of coal have the potential of polluting soil and water body inside and outside the factory. [Photographs I & III].
  - Significant quantity of water were seen released in the storm drain.
  - The unit has installed adequate air pollution control devices in the plant. OCEMS needs to be installed and connected with the PCBA server [Photo III].
    - Recommendations / Suggestions / Final Remarks –
    - i. The unit shall install Online Continuous Emission Monitoring System (OCEMS) from monitoring of PM, SO<sub>2</sub> and NOX in its chimney and data generated shall be connected with PCBA server. The unit shall comply with the specific emission standard of 150 mg/Nm³ as specified in the MoEF & CC Notification Vide No. GSR 277 (E) dtd. 31.03.2012.
    - Coal shall be stored under shed. Under no circumstances, coal shall be stored in open areas.
    - Rain water harvesting system with adequate capacity shall be installed and harvested rain water shall be reused to meet with raw water requirement to the maximum possible extent.



iv. The unit shall install water sprinkling facility in the haul roads inside the factory and also outside the factory premises, at least in the front road of the factory."

The cost of the Project as proposed is **Rs 205** Crore and an area of nearly .05 ha is kept aside for Green Belt development around (16% of the plot area) the premises by way of planting around 1250 numbers of local plant species. In terms of the guidelines minimum of 33% of the area is to be kept aside for the purpose thereby meaning that such plantations may be raised in the nearby existing institutions or public places with suitable local species of plants. The Budgetary allocation has to be made accordingly under due consultation with the DFO, N K Division, Rangia.

After threadbare discussion the Committee is of the considered opinion that the Company shall on priority take up all the issues emerged during the public consultation for ensuring local employment, maintenance of Health and Hygiene of the nearby villagers and also special effort for uplifting the economy of the Women folk and employment or livelihood generation scheme specially for the differently able persons, widow, unmarried girls in the nearby villages.

The Committee also suggested for planting of the species for raising Green Belt comprising:

Bor Thekera (Garcinia pedunculata), Khair (Acacia catechu), Mohaneem (Azedirachta indica), Jamun (Syzygium cuminii), Titasopa (Michelia champaca), Koros (Derris pinnata), Daton (Streblus asper), Bakul (Mimosups elengi), Sajina (Moringa oleifera), Ou-tenga (Dillenia indica), Kadam (Anthocephalus cadamba) etc etc.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) as Capital Cost and as recurring cost per Year against each of the components shall have to be expressly shown in physical and financial terms.

The suggestions and recommendations of the sub-Committee are to be adhered to as Additional ToR conditions for compliance by the Proponent.

### Decision:

The Committee with the above observations recommend the SEIAA for grant of the Additional ToR accordingly.

 EC for Redevelopment of Assam Police Reserve Campus, Guwahati, Assam by Public Work Department (Loko Nirman Bibhag) (SIA/AS/INFRA2/434599/2023) SEIAA. 3547/2023

The proposal was discussed in 1st SEAC meeting held on 30/10/2023 and ADS is sought. Resolution of 1st SEAC Meeting is as follows:



"The project is on Re-development of the **Assam Police Reserve Campus** by the M/S Public Works Department (PWD), Assam located at Dag no. 541, Patta No ( Government Land), Guwahati, District: Kamrup Metropolitan, Guwahati, Assam - 781001. Total Built up area under the Project =1,02,740.69 m². Project cost is projected at Rs 544 Crore.

As the total built up area is 1,02,740.69 m², therefore, 1284 number of plants are required to be planted by the project proponent in suitable patches in and around the project area covering around 1Ha of the total project area. It was suggested by the committee that the plant species may be Bakul ( Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca), Bokphul (Sesbania grandiflora), Kordoi (Averrhoa carambola), Kanchan ( Bauhinia purpurea), Jalphai (Ealeocarpus floribundus ), Hilikha (Terminalia chebula), Amlokhi ( Phyllanthus embelica), Rudrakshya (Elaeocarpus ganitrus), Kuji thekera (Garcinia morella), Ronga Joba (Hibiscus rosa sinensis), Bael (Aegle marmelos), Chandan (Santalum album), Agor (Aquillaria malaccensis), Giloy (Tinospora cordifolia), Sewali phul (Nyctanthes arbor tris tis ), Mohaneem (Azedirachta indica), Money plant (Araceae member), indigenous flowering species of shrubs like Kamini kusum (Murraya paniculata), Narasingha ( Murraya koengii) etc etc.

Development of green belt or the plantation activities around the Project area shall mandatorily be carried out by the project proponent and uploaded accordingly with photographic evidence which shall be treated as one of the primary condition for the compliance report subject to monitoring in due course by the competent authority.

The committee further found the documents and information wanting in the aforesaid proposal submitted by the proponent:

- 1. Approved Plan by the GMDA/ Gauhati Municipal Corporation
- 2. Disaster Management Plan
- Rain water harvesting, Sewage Treatment Plan (STP)
- 4. Certificate regarding use of ground water from the Central Ground Water Authority.
- Solid waste management plan
- 6. Plan for translocation of existing tree species, if any, to avoid felling as far as practicable
- Concept and plan of Green building with its stipulations so far use of solar energy and parameters to be adhered to.

With the above observations the committee in principle unanimously agreed to recommend approval for grant of the EC by the SEIAA after due compliance of the information /documents sought and presentations by the proponent in the next meeting."

#### Resolution No 6/1:

The proponent have replied to the ADS on 26.10.2023 and supporting documents as uploaded and furnished are placed before the Committee for discussion and deliberation. Requisite documents requiring clearances from the statutory bodies are uploaded including the EMP, Water



and Waste Water Management details, Municipal Solid Waste Management Plan, Rain Water Harvesting (RWH), Drainage plan, Parking Plan etc. It was observed that the NOC from the GMC is not yet furnished and uploaded.

Detailed presentation was made by the consultant Sri Krishan Chandra Panda representing the OCEAO-ENVIRO Management Solutions (India) Private Limited in presence of the authorized signatory of the project Proponent.

It is on record that the total plot area of the project is **65,310.03** Sq m. The project is comprising of proposed 9 buildings eg. Office, Barrack, School, Residential (Type B, C and D), Community Hall, Namghar, Temple, Multi Level Car Parking etc. Estimated cost of the project is **Rs 544.54 Crore**. The project is falling under the **Category 8(a)** of the Schedule to the EIA Notification dated 14.09. 2006.

The Built up area details and the numbers of Floors for each category of the Buildings are as under:

- I) School Building- up to First floor- 2178.82 Sq m
- II) Police Barrack- up to Sixth floor- 4489.50 Sq m
- III) Community Centre-Ground floor- 299 Sq m
- IV) Multi level car parking- up to 9th floor + terrace 21,016.27 Sq m
- V) Namghar-Ground floor-84.09 Sq m
- VI) Temple-Ground floor- 65.64 Sqm
- VII) Office Building-up to 5th floor+ terrace- 7376.80 Sqm
- VIII) Residential Building (Type B and C)- up to 15 th floor + terrace- 47,231.46 Sqm
- IX) Residential Building (Type D)- up to 12 th floor + terrace- 7,008.53 Sqm

As the total built up area is 1,02,740.69 m<sup>2</sup> · therefore, 1284 numbers of plants are required to be planted by the project proponent in suitable patches in and around the project area covering almost 1Ha of the total project area. It was suggested by the committee that the plant species may be Bakul ( Mimosups elengi), Nahor (Mesua ferrea), Ashoka (Saraca asoca), Bokphul (Sesbania grandiflora), Kordoi (Averrhoa carambola), Kanchan ( Bauhinia purpurea), Jalphai (Ealeocarpus floribundus ), Hilikha (Terminalia chebula), Amlokhi ( Phyllanthus embelica), Rudrakshya (Elaeocarpus ganitrus), Kuji thekera (Garcinia morella), Ronga Joba (Hibiscus rosa sinensis), Bael (Aegle marmelos), Chandan (Santalum album), Agor (Aquillaria malaccensis), Giloy (Tinospora cordifolia), Sewali phul (Nyctanthes arbor tris tis ), Mohaneem (Azedirachta indica), Money plant (Araceae member),



indigenous flowering species of shrubs like Kamini kusum (*Murraya paniculata*), Narasingha ( *Murraya koengii*) etc etc.

The Committee felt it expedient that the numbers of plants should not be restricted to the stipulations and the same should invariably be increased accordingly comprising of herbs, shrubs, climbers and trees, etc with touch of religious utility of flowering plants and effort to garner support from the inmates for future maintenance with their active support, particularly school going Children. Efforts need to be put to get the plants with their scientific names, local names properly labeled showing medicinal value for appreciation by the inmates specially by the school going children.

The Committee is also of the considered opinion that adequate provision is made by the proponent for the inmates specially for the school going Children, the Women and as well for the **elderly** inmates for a **YOGA Hall** (Yoga Centre) wherein a trained personnel in Yoga could be engaged for impart of proper training for a healthy living.

The committee after due deliberations and discussions suggest the Proponent for mandatory compliance of conditions of Indian Green Building Council (IGBC) or GRIHA (Green Rating for Integrated Habitat Assessment) / LEEDS (Leadership in Energy and Environmental Development Systems) including the proposed greenery around the premises, as prescribed, and the same are to be uploaded in the PARIVESH portal.

Further, the STP is to be managed by the Project Proponent for the period even after handing over the projects to the stakeholders. The PP shall have the AMC with the STP provider for operation and maintenance for a period of at least initial 10 (Ten) years at the 1st instance and shall be monitor the compliance by the PCB, Assam.

Certificate from the Central Ground Water Authority for use of water in the operational phase needs to be obtained by the Proponent including the requisite permission / NOC from the GMC. Other requisite information with layout plan are to be furnished by the proponent as suggested above.

The Committee is of the opinion to have an inspection of the site in question by a sub-committee to be constituted for the purposes and shall suggest the Proponent accordingly for remediation of the deficiencies in the overall plan and also the requirements as suggested including furnishing of requisite documents as may deem necessary.

The cost earmarked for the environmental safeguards contained in the Environment Management Plan (EMP) amounting to Rs 117 Lakh as Capital Cost and Rs 20.50 Lakh as recurring cost per year for 5 (five) years against each of the components shall have to be utilized and shall not be diverted for any other purposes and year wise expenditures both in constructional and operational phases shall be reported to the PCB, Assam & SEIAA, the Regional Office, MoEF & CC, GoI, Guwahati along with the break up of expenditures for record and monitoring for the same provided the activities and



expenditures do not require further change due to other additional requirements in the plan as now suggested. The cost requiring changes and increase in the Budget shall be reflected accordingly.

The project Proponent shall need to get the EC transferred by filing application to the SEIAA in the name of the Developer for compliance of all the conditions / stipulations in terms of the EC and fixation of responsibilities / accountability for environmental safeguard before start of the activities."

Pursuant to the recommendation of the Committee for site inspection, sub-Committee constituted for the purpose have submitted and uploaded in the PARIVESH portal and the report is reproduced below:

# " Site Visit Report

Date: 16.05.2024

# A. Proposal Information Order:

- 1. Name of the Proposal -Redevelopment of Assam Police Reserve Campus, Guwahati, Assam.
- 2. Project ID (Online Proposal Number / Green Clearance Number)-SIA/AS/INFRA2/434599/2023
- Name of the Company / Organization / User Agency -M/s Public Works Development (P.W.D.) of Assam
- 4. Project proposal for Redevelopment of Assam Police Reserve Campus, Guwahati, Assam.

# B. Site Details

- 1. State-Assam
- 2. District- Kamrup Metro

# C. Bounded Latitude /Longitude

I. North Side - 91° 44' 37.062" E, 26° 10' 53.363" N

II. East Side - 91° 44' 40.855" E, 26° 10' 48.386" N

III. South Side - 91° 44' 34.977" E, 26° 10' 43.415" N

IV. West Side - 91° 44' 30.378" E, 26° 10' 46.635" N

# D. Salient Features of the Project-

The proposed project is for Construction of Redevelopment of Assam Police Reserve Campus, Guwahati, Assam.



Total plot area of the project site is 65,310.03 Sq.m , out of which 48,868.67 Sq. mtr. is net development area and the Built-up Area is 1,02,740.69 m². The proposed location consists of 9 Numbers of building, below are the details of each building -

-	Buildings	Floors	Built Up Area (sqm)	Provisions	Parking		
SI. No.					Two Wheeler	Four Wheeler	LCV Sized
1	School		2,178.82	8 Classrooms, Multipurpose Hall, Officer Room, Store Room, Library, Staff room, Activity room science lab & toilet.	15	6	
2	Barrack		4,489.50	18 Nos Dormitory, Kitchen, Dining Hall, Wash Area, Toilet	111	-	-
3	Community Centre	G	299.00	300 seating capacity hall with two entry point	10	4	-
	MLCP	G+9	21,016.27	Parking for cars and LCV sized vehicle with one entry and two exits.		388	9
	Namghar	G	84.09	Namghar	10	4	-
	Temple	G	65.64	Temple	7	3	-
	Office	G+5	7,376.80	Office and Armoury	15	11	-
	Type B&C	S+15	47,231.46	360 Nos 3BHK Residential units	303	138	-
	Type D	S+12	7,008.53	72 Nos 2BHK Residential units	103	-	-

### Area Statement

SI No.	Particulars	Area (in m²)
1	Net Plot Area	65,310.03
2	Net Development Area	48,868.67
3	Proposed Ground Coverage	8,980.05
4	Permissible FAR	275
5	Total Proposed FAR	56,872.12
6	Total Proposed Non-FAR Area (includes Staircase, Lift, Lift Lobby, Lift Machine, Void, Ramp)	9,975.96
7	Total Covered Parking Area	22,902.03
8	Total Existing Building Built Up Area	12,990.58

9 Total Built Up Area		1,02,740.69	
10	Landscape Area (@43% of Total Plot Area)	28,687.80	

In addition to this, Services like Lifts, STP (580 KLD), WTP (480 KLD), Organic Waste Converter with Capacity (800 Kg/Day) with adequate greenbelt (29,461 Sq.m) are included in the scope of the project.

Total water requirement (including existing building) is about 565 KLD, as reported. Domestic Water Requirement (Including Existing Building) is estimated at about 417 KLD.

Power Demand: 2599 KVA; Compact Sub Station 3 Nos. (1000 KVA, 990 KVA & 1250 KVA); DG (1×1000 KVA); Solar 62 KW.

Estimated cost of project is Rs.544.54 Crores

# E. Composition of the Sub-Committee

Ref.: Order SIA/AS/INFRA2/434599/2023

dtd. 13.03.2024

1. Name of the official -

Dr Shantanu Kr Dutta, Member Secretary, SEAC

Dr Bijoy Sankar Goswami, Member, SEAC

Sh Shantanoo Bhattacharyya, Member, SEAC

Mr Arup Barpujary, Member SEAC

- Role in the Committee To inspect the site and assess the present status of the site and
  the probable impact on the natural environment in the
  surroundings during operational phase. The sub-committee is to
  submit their detail site inspection report with specific suggestion,
  observation for needful action.
- 3. Details of the Site inspected/observations
  - i. The unit has installed "Mist Canon", to be used for dust suppression during construction.
  - ii. Batching Plant has been installed by the PP and CTO from PCBA has been obtained.
  - iii. Cleaning and dismantling of the site is partially completed.
- Day of Inspection 02.04.2024.



F. Whether any violation of provision as per EIA Notification 2006 has been observed / recorded?

NO.

G. Additional Details, (if any)- Understood that the project is developed for the Office and Residences of Police Commissionerate, Guwahati, Assam and is a project of prime importance to the Ministry of Home & Security affairs, Govt. of Assam.

### H. Recommendations / Suggestions / Final Remarks -

- During construction phase, rain water shall be tapped and used for construction purposes
- The unit shall retrofit acoustic enclosure around the fan blower in the mist canon tominimize noise generation.
- The fine aggregates for construction shall be kept either in covered condition or in moist condition to minimize the fugitive dusts generated during handling of such materials.
- The feeding station of the Batching plant should have enclosure to prevent generation of fugitive dust.
- PP shall obtain Consent to Establish and Consent to Operate for the entire project immediately.

The Sub-Committee has recommended the project for EC "

#### Decision:

The proposal was placed for discussion and deliberation before the SEAC with the report of the sub-Committee and the Committee unanimously agreed to recommend the SEIAA grant of EC with the special conditions as stipulated and specifically pointed out in the foregoing paragraphs with observations.

7. ToR for proposed Sonai Irrigation Project, Taluka Silchar, District Cachar, Assam by Executive Engineer, North Eastern Investigation Division, (NEID-1) CWC, Rongpur Part-I, Silchar, Dist: Cachar, Assam by Executive Engineer, Irrigation Department, Assam (SIA/AS/RIV/432981/2023) SEIAA. 3561/2023

The proposal was discussed in the SEAC Meeting (2nd Sitting) held on 10.11.2023.



Resolution of SEAC Meeting is reproduced below:

"The proposed project envisage construction of Barrage with Canal across river Sonai with different parameters / dimensions to cover estimated Culturable Command Area (CCA) of 10,850 Ha. The main Canal system in the left bank of the river is estimated at 18.85 Km while the right Canal system will be 27.32 Km with branch canals on either side with total length of 70.42 Km. On scrutiny of the proposal it is on record that the land requirement for the project or project activity are depicted as Non-Forest Land [A] 614.5 Ha & Forest Land [B] 499.5 Ha with total land area affected (Submergence Area) being 1114 Ha.

Total Cost of the project is estimated at Rs 740.92 Crore. Main Civil works entailed in the project is attributed to the construction of Barrage, Head Regulators (Unit-I) and Canal Systems (Unit-II) involving projected expenditures of Rs 468.56 Crore and 272.36 Crore.

Briefly, both tangible and intangible benefits shall accrue to the local populace and others in the District. It is narrated in the project that the Sonai Irrigation Project shall cater irrigation needs of CCA of 10,850 Ha with annual intensity of irrigation of 160% (17,360 Ha), provision for drinking water supply to the population of 70,241. Estimated water demands from this project are 94.477 MCM for irrigation and 8.28 MCM for domestic purpose. There are number of indirect benefits from the project viz, Pisciculture, Animal Husbandry, Tourism, development of flora and fauna, generation of rural employment and communication.

Project is placed for detailed deliberation and discussion while the Chief Engineer, Irrigation Department, Govt of Assam assisted by the Consultant of the Project made presentation before the Hon'ble Committee. It was observed that the Project Proponent has **not deposited the requisite processing fee** which ought to have been done for further course of action by the Committee. Further, the name of the Consultant invariably has to be furnished with his details in order to fix the accountability and responsibility for any misinformation or misrepresentation of facts before the Committee.

The committee at the very initial stage wanted the clarification as to the exact requirement of Forest Land involved and, if Stage I Clearance (In Principle Approval) from the competent authority is obtained in terms of the FC Act, 1980 which is a pre-requisite for the grant of the EC. It is noted in the presentation that around 20.56 Ha of Forest Land is required to be diverted for execution of different kind of activities at different locations. The committee also observed that the expenditures to be incurred as compensation and for Rehabilitation of the 9 (Nine) affected villages including the cost required for environmental compensation, acquiring land, Compensatory plantations have not been spelled out clearly as the part of the project cost. This needs to be worked out in detail and reflected in the EIA study.

The Hon'ble Committee further suggested to:



- Consult the approved Working Plan of Cachar Forest Division for land use pattern, drainage system, land classification, flora and fauna, involvement of forest land and also to have due discussion with the DFO, Cachar for clarifications;
- List of beneficiaries for the CCA are to be prepared with the Aadhar Card linked / Voter ID are to be prepared in consultation with the local public representative;
- III) How Flora and Fauna of the area shall be developed need to be explained;
- IV) What is the current status of drinking water facilities;
- Whether list of affected families are prepared with their Aadhar Card linked / with Voter ID as projected (799 families) and are ready to shift under Rehabilitation Packages;
- VI) Complete Rehabilitation Package Plan to be mooted out in consultation with the Revenue authority duly approved by the local public Representative(s) for the purposes;
- VII) Use of Green Energy as far as practicable specially in case of lodging / Housing facilities for officials, Rehabilitation package plans;
- VIII) The applicability of the Assam Irrigation Water Users Act, 2004; formation and consultation with the Water Users' Association;
- IX) Convergence with the line viz. Department of Agriculture, Veterinary and Animal Husbandry, Pisciculture are to be made for feasibility of taking up different and diverse cropping pattern;
- X) The Compensatory afforestation programme and the alternative land arranged for the purposes.

The information, documents are to be submitted with due mandatory compliance as required for further presentation on a date fixed accordingly.

It is on record thatthe ToR was issued by the SEIAA on 12.04.2024 in terms of the recommendations of the SEAC.

### Resolution of the 9th SEAC meeting:

Keeping in view the importance of the instant mega project Proposal of the Irrigation Department, Assam for implementation in the Barak Valley and grant of the EC in time, the progress made in respect of the ToR compliance by the project Proponent, the Chairman, SEAC desired to have an update of the same. The Chief Engineer, Irrigation Department and the concerned Project Proponent (EE, Dholai -Sonai Irrigation Division) assisted by the respective Consultant were requested to be present.

The Chief Engineer, Irrigation assisted by the ACE (Implementation, Major and Minor), ACE (Planning and Research) (i/c) Director Implementation (Major & Medium) and the appointed Consultant for the project made presentation.

It was noted with concern by the SEAC that the project Proponent (EE) on whose behalf the presentation was made did not turn up for the clarifications, though invited, while he failed to turn up in the first SEAC meeting also to furnish the explanations relating to the project Proposal particularly by enlightening the committee the steps taken for mandatory Forest Clearance-Stage-1 under the FC Act, 1980 as required from the competent authority in the MoEF & CC, GoI; land acquisition proposals for Rehabilitation and Restoration (R/R) and other relevant issues pertaining to the proposal at hand etc etc...

Be that as it may, the consultant made the presentation but not with convincing progress made in respect of compliance of the ToR points lacking requisite up dated information. The SEAC after due deliberation and



hearing the party present was pleased to draw pointed attention of the Chief Engineer, Irrigation to the points as quoted hereunder:

- Name of the Project proponent: Executive Engineer (North Eastern Investigation Division) or Ms Sanghamitra Barbara, Engineer who had applied for the project with due undertaking for the responsibility of the Project implementation or the EE, Dholai- Sonai Irrigation Division with the mail id <a href="mailto:sourav.das90@assam.gov.in">sourav.das90@assam.gov.in</a> may please be clarified with due registration (in PARIVESH 2.0) of the concerned EE as the PP responsible for execution and implementation of the Project;
- Name of the PP with designation needs to be clarified as registered in the name of Ms Sanghamitra Barbara (who is not the executing officer and no way accountable for the Project) since the ToR is issued in favour of the EE (as the Project Proponent) on behalf of who the presentation was made by the consultant:
- PFR is uploaded by the consultant ULTRA TECH but it could not be clarified who approved the PFR (clarification required - if the same is accepted by the Department);
- To appoint a Nodal Officer, preferably of the rank of SE of the area for proper liasoning / oversee the progress of ToR compliances.

It emerged from the presentation that the salient features of the project are:

- Life of the Project 70 years
- Completion of the project-96 months
- Construction of civil works-84 months
- Construction of the canals-start from the 3rd year
- Erection, Testing and Commissioning of the Project is not finalized requiring clarification.

On deliberation it came to light that the extent of land affected and families, households affected as would require a detailed plan for their Rehabilitation and Restoration in terms of the latest policy have not been attended to in as much as no financial involvement have been projected together with the Capital Cost of the Project wherein the details are projected as under:

- 1. Extent of Land affected 1,114 Ha
- 2. Villages 9 nos
- 3. Family affected -799 Nos
- 4. Houses / Buildings -1679 Nos (Kaccha house-1135 and Assam type Building 543)
- Estimated Project Cost :

Unit –I ( Head work) – 491.70 Cr Unit – II ( Canal System) – 307.80 Cr Total – 799.50 Cr

- Projected Cost of Restoration & Rehabilitation (R & R) all details are not projected which need to be worked out as per the prevalent policy and furnished with total cost involved with the timeline;
- Cost of Compensatory Afforestation (CA) for 20.56 Ha needs to be worked out and included in the project cost.
- The projected Green Belt along the Canals is shown as 10 ha (should be ascertained in terms of the guidelines of the MoEF & CC) with planting of 25,000 numbers of saplings wherein the estimated cost is projected at Rs 352.63 Lakh which, however, shall need to be reflected in the total cost of the Project for



the Environment Management Plan (EMP) which shall also entail expenditures on account of the conservation plan for the Wildlife of the area.

### Clarifications required:

- How many Schemes have been implemented during last 10 years (2013-14 to 2023-24) within Proponents' Division? Required with Geo-tagged photographs (as may overlap the proposed project area);
- List of successful Schemes falling within and outside the proposed Project area.
- List of Schemes which are treated as failure with causes of failure
- Command area of the Cachar District involved in these schemes with different Cropping Pattern
- Whether any ground work has been started for the scheme at hand and nature of works undertaken with expenditures involved.

The aforementioned points as came up for deliberation and discussions out of the presentations made with few clarifications are to be incorporated as Additional ToR points and to be addressed in a time bound manner for acceptance of the ToR and further appraisal by the SEAC.

In the meanwhile it is also made clear to the parties concerned that the progress of the proposal and its compliance shall duly be reviewed for appraisal after 3 (three) months.

The observations made, requirements to be met by the PP needs to be informed to the CE, Irrigation, Assam for requisite action in the matter and the Commissioner and Secretary to the GoA, Irrigation Department, Dispur for his information and needful action.

The meeting ended with vote of thanks to the Chair.

Chairman SEAC, Assam

Dated: 13 / 06 / 2024

# Memo No. SEAC.33/2013/Pt.-I Copy to:

- 1) The Member Secretary, State Environment Impact Assessment Authority (SEIAA), Assam for favour of kind information and necessary action.
- All Members, SEAC, Assam for favour of their kind information.

-A

- 3) Accountant cum Cashier of the office of the SEIAA, Assam for his information.
- Office copy for each of the proposals.

Member Secretary SEAC, Assam