

**Minutes of the 108th Goa State Expert Appraisal Committee
(Goa-SEAC) meeting held on 1st October 2019 at 4.00 pm. in the
Conference Room of the 1st floor, GSPCB, Patto-Panaji, Goa.**

The hundred and eighth meeting of the Goa-SEAC was held on 01st October 2019 in the Conference room of the General Administration Department, Patto, Panaji at 4.00 pm under the Chairmanship of Prof. Suhas Godse. The list of members who attended the meeting is at Annexure – 1.

At the beginning Chairman welcomed the members and requested Secretary, SEAC to proceed as per the Agenda items (refer Annexure – 2).

1. The officials from NEERI along with officials from Goa Waste Management Corporation (GWMC) were present for the meeting and presented detailed project specific presentation for proposed Solid Waste Management Facility at Bainguinim, Goa by **Goa Solid Waste Management Corporation**. During presentation the PP presented the response to public objection and suggestion. The committee expressed that GWMC should provide comprehensive response to the public observation and suggestion and also re-validation to be done with regards to biodiversity including flora fauna and avian biodiversity and resubmit to the Goa-SEAC.
2. Project specific presentation by **Mr. Rajendra Tamba** for proposed laterite stone Quarry at in survey no. 50/5 at Fatorpa, Quepem taluka, Goa. The Goa SEAC had conducted site inspection on 13/04/2019 for verification of site. During inspection the committee noted that the project proponent had already commenced activities at site without prior environmental clearance from the Authority. Accordingly the committee opined that Goa SEAC cannot recommend the Ex-post facto clearance and would seek legal opinion for further action in the said matter.
3. Project proposal seeking environmental clearance (EC) for the proposed construction of building and construction project at P.T. Sheet No.9, Chalta No. 73/12 of Cuchelim, Bardez, Goa" by **M/s Central Park c/o Cosme Costa Constructions Pvt. Ltd** .during 102nd Goa-SEAC meeting the committee sought some compliances from project proponent to be submitted prior to take any decision. Accordingly the project proponent submitted the compliances including plans and other documents on 06/05/2019. The

committee perused the compliances submitted by the project proponent and after detailed discussion and deliberation decided to recommend the said proposal to Goa-SEIAA(Authority) for grant of environmental clearance with following specific conditions.

- i.** Considering the scale of the project, the PP may consider an appropriate budgetary allocation benefiting the local communities. The details of the same may be submitted to the Authority.
- ii.** PP should prioritize the issues related to health and hygiene in complying with the matters related to waste disposal and treatment / air and water pollution / waste-water management.
- iii.** PP needs to ensure that no treated water or any waste sewage shall be discharged into any water body. E-waste shall be disposed through Authorised vendor as per E-waste (*Management and Handling*) Rules, 2011.
- iv.** Project Proponent (PP) should necessarily make appropriate provision while constructing the roof-tops at the time of construction stage only to enable installation of solar panels towards south facing walls as and when made applicable in future.
- v.** The Project Proponent shall utilise fly ash bricks in masonry works.
- vi.** The PP shall use construction debris for land filling wherever applicable.
- vii.** At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- viii.** Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- ix.** Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- x.** Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning, etc. shall be done.
- xi.** Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.

xii. The project proponent will provide landscape bed of 600mm wide X 600mm deep along the periphery of the plot to carry out plantation of trees. The treated water from

xiii. the sewage treatment plant will be pumped through high flow drips on these beds to

xiv. Prevent outflow of treated sewage water outside the premises.

4. Project proposals received from following induction furnace and mills units

The committee perused the compliances submitted by the project proponent based on the compliances sought during 100th Goa-SEAC meeting. The committee after detailed

UNIT NAME	PROPOSAL FOR	EXISTING PRODUCTION CAPACITY	PROPOSED PRODUCTION CAPACITY	FINAL PRODUCTION CAPACITY
Global Ispaat Ltd.	Manufacture of M.S Billet	42,000 TPA using Induction Furnace of 8T and 5 T	17,000 TPA using Induction Furnace of 8T and 8 T (replacing 5T IF with 8T)	59,000 TPA
	Direct/online charging hot rolling mill (TMT Bars)	42,000 TPA	17,000 TPA	59,000 TPA
Goa Ispaat Ltd.	Manufacture of MS Billets	21600 TPA (Using Induction Furnace of 7T X 1nos. and 3.5T X 1 nos.)	37900 TPA (Using Induction Furnace of 10 X 1nos. (replacing 7T IF) and 3.5T X 1 nos.)	59,500 TPA (Using Induction Furnace of 10 X 1nos. and 3.5T X 1 nos.)
	Hot rolling mill	60,000 TPA	--	60,000 TPA
Mohit Ispat Ltd.	Manufacture of M.S Ingots /Billet using Induction Furnace of 15T X 2nos.	30,000 TPA	28,000 TPA	58,000 TPA
Shraddha Ispaat Ltd.	Manufacture of M.S Billet using Induction Furnace of 12T X 2nos.	45,000 TPA	14,500 TPA	59,500 TPA
	Direct/online charging hot rolling mill (TMT Bars)	--	58,000 TPA	58,000 TPA
Shri Balaji Rollings Ltd.	Manufacture of Billet using	31,960 TPA (Induction Furnace of 5T X 1nos.)	26,040 (replacing 5T IF with 12T)	58,000 TPA
	Direct/online charging hot rolling mill (TMT Bars)	--	58,000 TPA	58,000 TPA

discussion decided to conduct site inspection of Global Ispat at Cuncolim (Manufacture of MS Billets) and Goa Ispat at Madkai (Manufacture of MS Billets) and other units in respect of safety measures adopted. The committee also seek clarification as to why the furnace cannot be held enclosed.

5. Proposed re-development of nine Coastal Jetties at Goa -with regards to the communication received from **Captain of Ports, Panaji** Goa for proposed re-development of nine coastal jetties at Goa seeking clarifications regarding teh number of locations personal hearing is to be carried out.. The committee perused the letter from captain of ports seeking clarification regarding proposed locations and the public hearing has to be conducted for 9 passenger jetties the committee decided that since the passenger jetties are interlinked one public hearing to be conducted at North Goa and one at South Goa for which the venue may be decided by the respective District Magistrate.

6. Further the secretary Goa-SEAC explained the effort made in order to depute an accountant from Directorate of accounts with additional charge in SEAC/SEIAA. There are numerous posts of accounts and which are vacant and it is difficult to appoint accountant on additional charge in Goa-SEAC and the Environment Department was informed by Director of Accounts and also suggested that the accountancy services should be sought from Auditors. Accordingly quotation from the Chartered Accountant Mr. Yatin Naik was sought and placed before the committee for perusal and discussion. The committee perused the quotation and decided to avail the services of accountancy at quoted rate and 20% amount shallbe born by SEIAA/SEAC rest 20% by Goa Coastal Society and 60% by Goa Coastal Zone management Authority.

The meeting ended with a vote of thanks to the chair.

Dr. Purushotam Pednekar

_____ *Sd/-* _____

Dr. M.K. Janarthanam

_____ *Sd/-* _____

Dr. Nitin Sawant

_____ *Sd/-* _____

Dr. C.U. Rivonker

_____ *Sd/-* _____

Sd/-

Shri. Sanjeev Joglekar)
(Secretary Goa-SEAC)

Sd/-

Shri. Suhas Godse
(Chairman Goa-SEAC)

Place: Patto, Panaji

Date: October 2019.

Annexure -I

**List of members who attended the 108th Goa –SEAC meeting held on 1st October
2019**

1. Shri. Suhas Godse, Taleigao - *Chairman (Goa-SEAC)*
2. Dr. C.U Rivonker, Margao - *Member (Goa-SEAC)*
3. Dr. Nitin S. Sawant, Porvorim - *Member (Goa-SEAC)*
4. Dr. Purushotam Pednekar, Mapusa - *Member (Goa-SEAC)*
5. Prof. M.K. Janarthanam, Taleigao - *Member (Goa-SEAC)*
7. Shri. Sanjeev Joglekar, Panaji - *Secretary (Goa-SEAC)*