

**Minutes of the 49<sup>th</sup> Goa-State Environment Impact Assessment Authority  
(Goa-SEIAA) meeting held on 21<sup>st</sup> November (Thursday) at 3.00 pm at  
GCZMA office , Pundalik Nagar, Porvorim, Goa.**

The Forty Ninth meeting of the Goa-SEIAA (*hereinafter referred as 'Authority'*) was held on 21<sup>st</sup> November 2019 at 3.00 pm in the chamber of Member Secretary, Porvorim, Goa. The list of members present during the meeting is at *Annexure – 1*.

At the outset, Member Secretary welcomed the Authority members and briefed about the agenda items (*refer Annexure – 2*) to be taken up for discussion / deliberations and suitable decisions. Accordingly, the same were considered as detailed below ó

1. Proposed environmental clearance (EC) for modification of the project **Ocean park Residential apartment & commercial shops** at Sy no. 249/1-A Taleigao Plateau, Dona Paula, Goa. The project Proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment including air, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under **8a (B2) category of EIA Notification 2006** (*building & constructions*). Further documents like Consolidated statements, Form I and IA, project specific presentation and plans submitted are taken on the record. However, based on inspection held on 09/01/2019 and subsequent to the project specific presentation, Committee sought compliance. The Committee perused the said compliances dated 01/04/2019 and after detailed discussion and deliberation decided to recommend the said proposal to Goa-SEIAA for grant of EC with following specific conditions.

The said matter was deliberated during 48<sup>th</sup> Goa-SEIAA meeting wherein the Authority perused the application and documents submitted by the project proponent and the recommendation from the Goa-SEAC the Authority after detailed discussion and deliberation decided to conduct a site visit of the proposed site to ascertain the status of proposed project on points like waste management including STP capacity, biodegradable waste proposed, proposed solar panels.

Accordingly the Authority conducted site inspection on 13/09/2019 and sought above compliances. The PP has submitted the compliances to the office on 23/09/2019.

**Decision:** The Authority took the note of the site inspection conducted by Authority visa vis compliances submitted by the Project proponent. Accordingly the authority after detailed discussion and deliberation the authority decided to recommend the said proposal for grant of Environmental clearance EC under the provision of EIA Notification 2006 (as amended) with the condition that Project proponent must submit a concrete proposal for proposed CSR for Taleigao village.

1. Further Project proponent has to comply with following **“General Conditions”**:-

- i. 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.
- ii. Water harvesting ought to be done by the project proponent to the extent of 90 KLD.
- iii. The PP shall install bio methanation plant to tackle bio degradable waste generated at the site and the non biodegradable waste shall be placed in a transfer station to be constructed by the PP within the complex having separate containers for e waste glass waste plastic waste , robber waste.
- iv. 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.
- v. 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.
- vi. The Project Proponent shall utilize fly ash bricks in masonry works.
- vii. The PP shall use construction debris for land filling wherever applicable.
- viii. 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.
- ix. 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.
- x. 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.
- xi. 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.
- xii. 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.
- xiii. Solar based electric power shall be provided to each unit for at least two bulbs/light and one fan. As proposed, central lighting and street lighting shall also be based on solar power.
- xiv. 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

the sewage treatment plant will be pumped through high flow drips on these beds to prevent outflow of treated sewage water outside the premises.

- xv. 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 the sewage treatment plant will be pumped through high flow drips on these beds to prevent outflow of treated sewage water outside the premises.
- xvi. Areas which are marked as **No Development Zone (NDZ)** should be year marked on site and no construction shall be carried out in the said NDZ. Land Profile of NDZ shall not be altered.
- xvii. No construction shall be carried out in the property which is identified as private forest, if any.
- xviii. PP should obtain all the requisite permissions/NOCs/Licenses etc from all the competent authorities before commencement of any activity at site.

2. 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 102<sup>nd</sup> Goa-SEAC meeting the committee sought some compliances from project proponent to be submitted prior to take any decision. M/s Sadekar Enviro engineers on behalf of PP gave detailed presentation during 102<sup>nd</sup> Goa-SEAC meeting.

Sr. No.	Description	Details
1	Name of the project Proponent	COSME COSTA CONSTRUCTION PVT. LTD C/o. Mr. Ryan Costa
2	Address for Communication	ALTINHO, MAPUSA, BARDEZ ó GOA.
	Name & location of the project	CENTRAL PARK. CHALTA NO.73/12 PTS NO.9 Cunchelim, Mapusa,Bardez-Goa
4	Plot Area	Total Plot Area:- 10675 Sq.mts.  Proposed Built Up Area: 25788 Sq.mts.
5	Net plot Area	
6	FSI Area Non-FSI Area Total construction Area Building configuration & Height of the building	Basement+Ground (Stilt parking)+5 FSI Area-10457.40 Non FSI Area- 15330.60
7	No. of shops	Nil
8	Total water requirement(Construction/operation phase)	Construction:103 KLD Operational: 75 KLD
9	Sewage generation	65KLD
10	STP Capacity / Proposed Technology	80 KLD/ Tertiary treatment ACF/U.V./UF
11	Total Solid Waste Quantities	Dry waste:-195 Kg/day Wet waste:- 131 Kg/day
13	Energy Efficiency	41.53%
14	Parking 4 W and 2W	TOTAL NO. OF FLATS-125 NOS STILT PARKING-144 NOS BASEMENT PARKING-111 NOS SURFACE PARKING -9 NOS

15	Power requirement	120 KVA
16	D.G set Capacity	1 DG of 125 KVA
17	RWH tank capacity	Gutter Base will not be finished with PCC. Only with Rubble so that rain water is slowly charged to the ground. Recharge Pits will be provided.
18	EMP cost (including DMP cost)	Cost ó 60lakhs + AMC 5lakhs
19	No. of tress on site	22
20	No. of trees to be cut	14
21	No. of tress to be planted on site	23
22	CRZ status	NA

During 102<sup>nd</sup> Goa-SEAC meeting the committee sought some compliance 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.

**Decision;** The Authority after going through the application , documents vis a vis plans submitted by PP and recommendation from the Goa-SEAC decided to conduct site inspection of the proposed site prior to take any decision.

3. To decide upon the objection raised by Mr. S S Dalvi R/o DonaPaula along with Annexures dated 26/09/2019 and Adv Joseph S. Vaz 21/11/2019 cautioning the grant of environmental clearance for modification of project Project Ocean Park at survey no. 249/1A , Talegaon plateau , Dona Paula.

**Background:** The Committee is in receipt of a representation dated 26/09/2019 and 21/11/2019 from Adv. Joseph S. Vaz stating that the project Ocean Park to construct residential apartments in property bearing Survey No. 249/1A is a land which belongs to the Government and that the land is a subject matter before the Civil Court and Land Revenue Court. He has also placed on record copy of the Form I & XIV of the property bearing S. No. 249/1 of Village Taleigao which has the name of Government of Goa written in occupants column.

**Decision:** The Authority was of the opinion that for the purpose of analyzing proposals for grant of EC they are no supposed to look into the title of the properties. The present proposal of project proponent is situated in property bearing S. No. 249/1A and not in property bearing Survey No. 249/1 as raised in the objection. Secondly the Committee was of the view that the proposal has to be examined in the context of EIA Notification 2006. The aspect of title documents cannot be a ground for the committee to reject any proposal as this is the domain of the licensing authority. Furthermore this project on the whole already possesses the EC granted by the MoEF & CC on 16/5/2007 and all what the project proponent has sought is to obtain an EC for modification of the construction of additional built up area of 31859.73 sq. mts. However with due caution once the EC is issued/granted a copy of the same be forwarded to the Collector (N) so that the aspect of title could be inquired into by the department.

4. To decide on application received for extension of EC validity dated 22/03/2013 bearing No. 3-181-2010/ST-DIR/108 from **Raj Housing for Construction of a residential project 'Raj**

**Ryle'** in P.T. Sheet No. 14 of Chalta Nos. 40, 41, 42, 43, 44, 45, 46, 47 & 48 and P. T. Sheet. No. 32 of Chalta Nos. 4 & 36, in Mapusa, Bardez taluka in North Goa district.

**Decision:** The authority noted that the said EC had been expired on 21/03/2018. However taking into consideration the Notification No. S.O.1141 (E) para (ii) (a) dated 29/04/2015 of Ministry of Environment & Forests and Climate Change (MOEF & CC) decided to extend the validity of the Environmental Clearance (EC) bearing No. 3-181-2010/STE-DIR/108 dated 22/03/2013 for another 2 years i.e. till 21<sup>st</sup> March 2020).

5. To decide on application received for extension of EC validity from Minor mineral quarries issued by Goa-SEIAA to **M/s Manuel da Costa in respect** of Basalt quarry Lease No. 4/Basalt/89 situated at Santona, Sanguem, Goa. EC dated 8<sup>th</sup> May 2015 bearing no. 3-181-2010/STE-DIR/105 and 5/Basalt/89 situated at Santona, Sanguem, Goa.

**Decision:** The authority noted that the said EC had been expired on 07/05/2020. However taking into consideration the Notification No. S.O.1141 (E) para (ii) (a) dated 29/04/2015 of Ministry of Environment & Forests and Climate Change (MOEF & CC) decided to extend the validity of the Environmental Clearance (EC) bearing No. 3-181-2010/STE-DIR/105 dated 08/05/2015 for another 2 years i.e. till 07/05/2022).

6. To decide on application received from Ms. Dashmi Chari dated 25/10/2019 currently working as Scientific Assistant (GCZMA) on temporary basis regarding payment of stipend for additional work done in Goa-SEAC/SEIAA.

**Decision:** The authority took note of the said application and decided to approve the payment of stipend /honorium as entitled in terms of the standard procedures/guidelines laid down by the Personnel Department.

7. To decide on communication received from **Directorate of Mines Geology (DMG), Panaji, Goa** regarding validity of Environmental Clearance dated 01/10/2015 for North & South Goa districts for extraction of minor minerals (Sand/pebbles) which are valid for 5 years.

**Background:** The Authority is in receipt of a letter from the Department of Mines seeking clarification of the EC that had been issued by us to various sand extractors since 1/10/2015 in North and South Goa District which were valid for five years. The Department of Mines is seeking for clarification as to whether the same is still valid especially in light of the PIL WP No. 14/2018 because it may entail them to for seeking renewal of sand extraction permits.

**Decision:** The Authority after examining the letter seeking clarification by the Department of Mines was of the opinion that the PIL WP. No. 14/2018 which is pending before the Honøble High Court of Bombay at Goa seeks to challenge the activity of unregulated sand extraction and hence it would be in the fitness of things to await for the study report on monitoring of riverine and riparian bio-diversity on sampling mode which is carried out by NIO. The Honøble High Court has also been appraised of the fact that the study is entrusted to NIO. A meeting was also held on 18/2/2019 chaired by the Chief Secretary which has deliberated on the aspect as to

whether the ECs issued are holding good or not and since they haven't been set aside, it is for the Dept. of Mines to take a call whether to renew their permits or not.

*Meeting ended with vote of thanks to the chair.*

***Sd/-***  
Shri. Johnson Fernandes  
**Member Secretary, Goa-SEIAA**

***Sd/-***  
Mr. Vivekanand L. Sawkar  
**Chairman, Goa-SEIAA**

Place: Patto, Panaji  
Date: November 2019