

## ANNEXURE-II

### Agenda Items for the 44<sup>th</sup> Goa-State Environment Impact Assessment Authority (Goa-SEIAA) meeting held on 16<sup>th</sup> July 2018 (Monday) at 3.00 pm.

#### 1. To deliberate on SEAC's recommendations w.r.t. proposals submitted by

M/s **Sapna Ceramics Pvt. Ltd.**, proposed environmental clearance (EC) for capacity enhancement (i.e. from 1,250 tons per day to 2,500 tons per day) after amalgamation of three lease and one new lease . (on perusal of the said application, it was noted that prior EC was granted during March 2013 to three minor mineral leases under Renewal ó 10/basalt/93 (10,000 m<sup>2</sup>), 03/basalt/94 (29,225 m<sup>2</sup>) & 02/basalt/98 (22,000 m<sup>2</sup>) belonging to M/s Sapna Ceramics and one New lease ó 01/basalt/15 (50,000 m<sup>2</sup>) belonging to M/s Nanu Industries with total production capacity of 1,250 tons per day. The said matter was deliberated by Goa-SEIAA in its 41<sup>st</sup> authority meeting held on 5<sup>th</sup> February 2018 wherein the Authority after detailed discussion and deliberation decided to refer the matter back to Goa-SEAC. Further Goa-SEAC should put up a detailed report as to what is the amount of material extracted from the date of grant of leases till 31-12-2017 and the environmental damage caused due to the said extraction.

Accordingly Goa-SEAC had communicated to directorate of mines & Geology regarding detailed report as to what is the amount of material extracted from the date of grant of leases till 31-12-2017 and the environmental damage caused due to the said extraction. Subsequently Directorate of Mines & Geology (DMG) Panaji have submitted the reply stating that as per their record the submission made by PP is found to be correct regarding the same. Committee during its 93<sup>rd</sup> SEAC meeting held on 10<sup>th</sup> May 2018 perused and examined the said communication and decided to communicate the same to the Goa-SEIAA this fact for further necessary decision in the matter.

**The said Project Proposal is placed for discussion and decision.**

#### **2. "MANGLAM CASA AMORA" Proposed Group Housing and Commercial Project at Survey No. 20/3-A, Village Bainguinim, Taluka Tiswadi, Goa of M/s. Manglam Build Developers Ltd.**

Brief extract of the project details submitted by Project Proponent is as below:

Sr. No.	Description	Details
1	Name of the project Proponent	Applicant Company - Manglam Build Developer Ltd. Authorised Signatory - Mr. Sanjay Gupta
2	Address for Communication	Mr. Sanjay Gupta Manglam Build Developer Ltd. Behind Hotel Fern Kadamba Old Goa bypass Highway, Kadamba Baiguinim village, Old Goa 403402 Mo no 9011098657 Email- <a href="mailto:skg.casaamora@gmail.com">skg.casaamora@gmail.com</a>
3	Name & location of the project	Revised Proposal of Proposed Group Housing and Commercial Project "MANGLAM CASA AMORA" At Survey No. 20/3-A, Village Bainguinim, Taluka Tiswadi, North Goa, Goa
4	Plot Area	32893 Sq.m (8.13 Acres)
5	Net plot Area	29,889 Sq.m (7.39 Acres)
6	FSI Area Non-FSI Area Total construction Area Building configuration & Height of the building	FSI Area =Permissible: 26314.40 sq.m., Proposed: 22946.46 sq.m. Non-FSI Area = 15932.84 sq.m. Total construction Area/Built-up area = 38879.30 sq.m. Building configuration Residential and Commercial = Resi. 2 BHK ó 288, 1.5 BHK ó 76, Shops ó 8, Club house ó 1 with swimming pool. Height of the building : 14.35 meters including stilt height
7	No. of shops	8 Nos.
8	Total water requirement (Construction/operation phase)	Total water requirement operation phase = 303 KLD (Fresh Water 172 KLD + Treated Water 131 KLD) Construction Water Phase = 30 - 40 KLD
9	Sewage generation	218 KLD
10	STP Capacity / Proposed Technology	STP Capacity = 190 KL (We are proposing 190 KL capacity STP, due to less occupancy scenario in Goa) Proposed Technology = SMMBR
11	Total Solid Waste Quantities	867 kg/day
13	Energy Efficiency	Total savings in percentage 35.70 %
14	Parking 4 W and 2W	385 (4 W) AND 200 (2-W)
15	Power requirement	Total Power Requirement: 2714 KW, Source: Goa Electricity Board (GEB)
16	D.G set Capacity	Total 2 Nos. of DG Sets, having total capacity 325 KVA (1X200 KVA + 1 X 125 KVA)
17	RWH tank capacity	220 m3/hr
18	EMP cost (including DMP cost)	<b>During Construction:</b> Capital cost: 35.00 Lac & Recurring Cost: 12.50 Lac <b>During Operation Phase:</b> Capital cost: 101.00 Lac & Recurring Cost: 21.50 Lac
19	No. of trees on site	In Phase-III-24 Trees In Preservation area-20 Trees
20	No. of trees to be cut	2 Nos. of trees may be cut from Phase-III

21	No. of trees to be planted on site	250 Trees / Plants.
22	CRZ status	Not Applicable

During 94<sup>th</sup> Goa-SEAC meeting held on 14th June 2018 the said proposal is recommended to Goa-SEIAA for grant of EC.

**The said Project Proposal is placed for discussion and decision.**

3. **M/s Naik navare "Esmeralda" at survey No. 14/1-B, 15/1-B at Panelim, Goa.** for proposed construction of residential & commercial project "Esmeralda" at survey No. 14/1-B, 15/1-B at Panelim, Goa.

Brief extract of the project details submitted by Project Proponent is as below:

Description		Details		
1	Name & location of the project	Esmeralda Residential & Commercial Project at S. No. 14/1-B, 15/1-B at Village Panelim, Taluka of Tiswadi, State-Goa		
2	Plot Area	49,856.00 m <sup>2</sup>		
	Net plot Area	39,192.00 m <sup>2</sup>		
4	FSI Area Non-FSI Area Total construction Area Building configuration & Height of the building	26,414.40 m <sup>2</sup> . 25,020.60 m <sup>2</sup> . 51,435.00 m <sup>2</sup>		
Sr. No.	Name of Bldg.	No. of Floors	No. of tenements / shops	Height above parking up to eaves (m)
<b>Buildings completed as per EC received</b>				
1	Bldg. L	P+4	16	11.5 above parking
2	Bldg. M	P+4	16	11.5 above parking
3	Bldg. N	P+4	16	11.5 above parking
4	Bldg. P	P+4	16	11.5 above parking
5	Bldg. Q	P+4	04	11.5 above parking
<b>Under Construction</b>				
6	A Bldg.	P+4	11	11.5 above parking
7	B Bldg.	P+4	08	11.5 above parking
8	C Bldg. With club house & swimming pool	G +3	08	11.5
9	D Bldg.	P+4	11	11.5 above parking
10	E Bldg.	P+4	08	11.5 above parking
11	F Bldg.	G +3/P+4	12	11.5
12	G Bldg.	P+4	11	11.5 above parking
13	H Bldg.	P+4	08	11.5 above parking
14	I Bldg.	G+3/ P+4	12	11.5 above parking
15	J Bldg.	P+4	11	11.5 above parking
16	K Bldg.	G +3/P+4	12	11.5 above parking
17	Open bungalow Plots	G+1	23	7.5
18	Farmhouse Plot	G + 1	01	7.5
19	Commercial Bldg	B+G+2	(stores, shops, offices)	11.5
		Total	204 + stores, shops, offices	
5	No. of shops	4		
6	Total	During Construction Phase:- 10-20 KLD		

	requirement(Construction/operation phase)	(depend on construction activity), During Operation Phase :- 98.68 KLD
7	Sewage generation	134.12 Cum/day
8	STP Capacity	135 Cum
9	Total Solid Waste Quantities	Biodegradable :- 304 Kg/Day, Non- Biodegradable :- 202 Kg/Day
10	RG Area	11,529.05 m <sup>2</sup>
11	No. of trees	613 Nos.
12	Energy Efficiency	Total energy saving will be 3.64 %
13	Parking 4 W and 2W	4 W ó 230 Nos. & 2 W- 89 Nos.
14	Power requirement	Connected Load : 1747.63 KW Maximum Demand: 1100 kVA
15	D.G set Capacity	1 X 125 KVA
16	RWH tank capacity	55 Cum and 3 Recharge Pit of (1.5m x 1.5m x depth 2m)
17	EMP cost (including DMP cost)	Capital Cost: Rs. 194.55 Lacs + DMP ó 8.45 Lacs O & M cost : Rs. 35.27 Lacs/annum + 0.538 Lacs/annum
18	No. of trees to be cut	4
19	No. of trees to be planted on site	569 Nos. + 44 Nos. existing trees
23	CRZ status	Not Applicable

**Background:** The PP, for the proposed developmental activity, has obtained the EC from the erstwhile MoEF which had **expired in March 2015**. Thereafter, the PP submitted its request to the EIA Goa State Authority for its revalidation only during **August 2015**. (i.e. after five months of the EC validity period).

As per the aforementioned Notification, the delay in submitting a request for EC revalidation by the PP within a period of one month can be condoned by Member Secretary of the State EIA Authority and within a period of three months by the Chairman of the State EIA Authority on recommendation of the State EAC concerned.

Further, submission of EC revalidation request beyond the period of three months cannot be condoned. And accordingly, The Authority during its 39<sup>th</sup> meeting held on 10<sup>th</sup> January 2018 decided that the PP needs to resubmit the revalidation proposal afresh for further appraisal / consideration. Accordingly Project proponent submitted the fresh application for environmental clearance (EC) for proposed construction of residential & commercial project "**Esmeralda**" at survey No. 14/1-B, 15/1-B at Panelim, Goa.

However, based on inspection held on 05<sup>th</sup> April 2018 and subsequent to the project specific presentation, Committee sought compliance with regard to the following:

1. Project proponent has to submit provision for wet and dry waste composting.
2. Project proponent has to submit detailed waste management plan

3. PP has to furnish details on polymeric spray as a dust mitigation measures.
4. PP has to submit analysis report of compost including NPK composition.  
During 94<sup>th</sup> Goa-SEAC meeting held on 14th June 2018 the said proposal is recommended to Goa-SEIAA for grant of EC.

**The said Project Proposal is placed for discussion and decision.**

4. Residential development at (**Plot H1**) by Goa Housing Board at Colvale, Bardez, Goa The project Proposal was discussed on the basis of 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. Brief extract of the project details submitted by Project Proponent is as below:

<b>Sr.No</b>	<b>Description</b>	<b>Details</b>
1.	Name & location of the project	<b>Plot H1</b>  Residential Development for Goa Housing Board at Colvale, Bardez North, Goa.
2	Plot Area	34,574 sqm
3	Net Plot Area	34,574 sqm
4	FSI Area Non-FSI Area Total Construction Area Building Configuration & Height of Building	39,248.48 sqm 28,914.82 sqm 68,163.30 sqm 1BHK Apartment in Stilt + 7 floors Total Ht. of Bldg: 23.35m
5	No. of Shops	Nil
6	Total water requirement (construction / operation phase)	Domestic Water: 390 m3 / day  Flushing from STP: 197 m3/day
7	Sewage Generation	469 m3 / day
	STP Capacity	509 m3 / day
8	Total Solid Waste Quantities	Bio Degradable: 817 kg Non Bio Degradable: 1225 kg
9	RG Area	Not Applicable as plot is part of a larger layout and RG provided for entire layout. Open green of 1640 sq.m provided internally
10	No. of Trees	NA
11	Energy Efficiency	NA
12	Parking 4W and 2W	4 W: 846 nos
13	Power Requirement	3.0 MW
14	D.G. set Capacity	1 no 500 KVA

15	RWH tank Capacity	Tank not Provided. 23nos recharge pits provided.
16	EMP cost (including DMP cost)	NA
17	No. of Trees to be cut	NA
18	No. of Trees to be planted on Site	As per Bio Diversity Report
19	CRZ Status	Not Applicable

Goa-SEAC conducted site inspection on 12<sup>th</sup> May 2018 wherein the committee sought following compliances prior to call the proponent for presentation during 95<sup>th</sup> Goa-SEAC meeting on 22<sup>nd</sup> June 2018:

- A. Details regarding 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.
- B. Details on rainwater harvesting proposed at site.
- C. Separation of grey and black water should be done by the use of dual plumbing system.
- D. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- E. Details on use of fire hydrant and safety measures for workers during construction and Proposed dust mitigation measures.

During 95<sup>th</sup> Goa-SEAC meeting held on 22<sup>nd</sup> June 2018 the said proposal is recommended to Goa-SEIAA for grant of EC.

**The said Project Proposal is placed for discussion and decision.**

5. The proposed residential development for Goa Housing Board at Colvale, Bardez. **(Plot H2)**. 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, site inspection held on 12<sup>th</sup> May 2018 project specific presentation and plans submitted are taken on the record. Brief extract of the project details submitted by Project Proponent is as below:

Sr.No	Description	Details
1.	Name & location of the project	<b>Plot H2</b>

		Residential Development for Goa Housing Board at Colvale, Bardez North, Goa.
2	Plot Area	22,503 sqm
3	Net Plot Area	22,503 sqm
4	FSI Area Non-FSI Area Total Construction Area Building Configuration & Height of Building	25,865.72 sqm 15,081.91 sqm 40,947.63 sqm 1BHK Apartment in Stilt + 7 floors Total Ht. of Bldg: 23.35m
5	No. of Shops	Nil
6	Total water requirement (construction / operation phase)	Domestic Water: 217 m <sup>3</sup> / day Flushing from STP: 110 m <sup>3</sup> /day
7	Sewage Generation	268 m <sup>3</sup> / day
	STP Capacity	284 m <sup>3</sup> / day
8	Total Solid Waste Quantities	Bio Degradable: 454 kg Non Bio Degradable: 681 kg
9	RG Area	Not Applicable as plot is part of a larger layout and RG provided for entire layout . Open green of 940 sqm provided internally
10	No. of Trees	NA
11	Energy Efficiency	NA
12	Parking 4W and 2W	4 W: 603 nos
13	Power Requirement	2.12 MW
14	D.G. set Capacity	1 no 320 KVA
15	RWH tank Capacity	Tank not Provided. 15nos recharge pits provided.
16	EMP cost (including DMP cost)	NA
17	No. of Trees to be cut	NA
18	No. of Trees to be planted on Site	As per Bio Diversity Report
19	CRZ Status	Not Applicable

Goa-SEAC conducted site inspection on 12<sup>th</sup> May 2018 wherein the committee sought following compliances prior to call the proponent for presentation during 95<sup>th</sup> Goa-SEAC meeting on 22<sup>nd</sup> June 2018:

- A. Details regarding 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.
- B. Details on rainwater harvesting proposed at site.
- C. Separation of grey and black water should be done by the use of dual plumbing system.

- D. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- E. Details on use of fire hydrant and safety measures for workers during construction and Proposed dust mitigation measures.

During 95<sup>th</sup> Goa-SEAC meeting held on 22<sup>nd</sup> June 2018 the said proposal is recommended to Goa-SEIAA for grant of EC.

**The said Project Proposal is placed for discussion and decision.**

- 6. To discuss and decide on a reply to the Show Cause Notice filed by M/s **Umia Developers Pvt. Ltd.,** - for the proposed developmental activity in Sancoale area.
- 7. Any other matter with a permission of chair.

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