

Agenda Items for the 13th Goa-SEIAA meeting held on 17th July 2014

1. Reply to Note compiled by Goa-SEAC (*refer Annexure – 1*) forwarded from the O/o Honøble Minister for Environment w.r.t. mandating the requirement of NABET/QCI-accreditation or MoEF/CSIR-recognition for environmental consultants while preparing/presenting EIA/EMP for projects as per the EIA Notification, 2006.
2. Follow-up of SCN issued vis-a-vis replies received in respect of the following complaints / legal interventions / NGT matters in respect of the Goa-SEIAA as under ó
 1. SCN issued to villagers in the NGT M. A. No. 79/2014 (WZ) ó Application No. 37/2014(WZ) w.r.t. illegal extraction of laterite stones in Maulinguem village, Bicholim taluka, North Goa district filed by Mrs. Jayashri Nanasaheb Rajebhosale.
 2. SCN issued to Mr. Minguel DøSouza in response to a complaint of illegal laterite extraction in property bearing Survey no. 174/0 and 177/0 of Ashvem in Mandrem village, Pernem Taluka, North Goa district.
3. Contractual appointment / internal office arrangement (*either from GCZMA or GSPCB*) and issue appropriate Order to represent Goa-SEIAA on all such legal matters filed in Honøble High Court / NGT.
4. Follow-up of decision taken by the Goa-SEIAA during its 10th and 11th meetings held on 23rd January 2014 and 27th March 2014 respectively and to obtain State Government approval prior to its Notification in the Official Gazette in respect of the following:-
 - (a) Purchase of one multi-utility vehicle for day-to-day office-related matters as well as to conduct site-inspection of various project sites received, seeking prior environmental clearance (EC) as mandated under the EIA Notification, 2006.
 - (b) Levy administrative-cum-processing charges from Project Proponents (PPs) concerned @ 5% of the project cost but limited to maximum of Rs. 25,000/- per project proposal seeking prior EC as per the EIA Notification, 2006 (*as amended*).
 - (c) Payment of travelling allowance (T.A.) of Rs. 1,000/- per Member (*Goa-SEAC and Goa-SEIAA*) to attend the meeting / site-inspection at/from the EIA-Goa State Secretariat.
5. Deliberation, discussion on Goa-SEAC's recommendadations (*refer Annexure-2*) and its consideration in respect of the following construction project proposals seeking environmental clearance (EC)
 1. Proposed construction of residential complex in survey no. 215/1 of Sancoale village, Mormugao taluka by **M/s Anand Chandra Bose** (*presented by M/s Aditya Environmental Services, Mumbai*).
 2. Proposed expansion of Hostel building (*New construction of Hostel Building*) by **(BITS) Pilani, Goa Campus** (*presented by M/s Aditya Environmental Services, Mumbai*).

3. Proposed Construction of residential development in Chalta No. 34, P. T. Sheet No. 129, Margao, Gogal, Salcete by **M/s Prudential Developers Pvt. Ltd., Margao.** *(presented by M/s Aditya Environmental Services, Mumbai).*
4. Proposed Residential Complex in survey no. 209/1-A of Ponda by **M/s Maharudra Real estates, Ponda.** *(presented by M/s Aditya Environmental Services, Mumbai).*
5. Proposed expansion of Hostel building (additional *construction of Hostel block*) in survey no. 58/1-C-2 & 58/1-C-3, Poriem, Sattari by **Goa Institute of Management (GIM), Sanquelim Goa Campus.** *(presented by M/s Sadekar Envirocare Pvt. Ltd., Panaji).*
6. Proposed construction of a Residential Complex (EVORA) in P.T. Sheet no. 121/ Chalta no. 2, 3, 4, 38, 39 & P.T.S no. 130/ Chalta no. 33 at St. Inez, Tiswadi by **M/s Marvel Resorts Pvt. Ltd., Panaji.** *(presented by M/s Aditya Environmental Services, Mumbai).*
7. Proposed construction of Housing and Commercial development in survey no. 33/1 of Khandola village, Ponda taluka by **M/s Gera Developments Pvt. Ltd., Pune.** *(presented by M/s Aditya Environmental Services, Mumbai).*
8. Proposed construction of Residential-cum-commercial building with compound wall in survey nos. 99/1 & 2, 105/1, 2 & 3 ó C3 in Taleigao village, Tiswadi taluka by **M/s Mahadhan Real Estates Ltd., Vasco-da-Gama.** *(presented by M/s Sadekar Envirocare Pvt. Ltd., Panaji).*
6. Any other matter with the permission / approval of the Chair.

ANNEXURE – 2

(Goa-SEAC recommendations as approved during its 22nd Meeting held on 13th May 2014)

1. Proposed construction of residential complex along with Community facility in survey no. 215/1 of Sancoale village, Mormugao Taluka by **M/s Anand Chandra Bose.** (*environmental consultant: M/s Aditya Environmental Services, Mumbai*)
 - i. Submission of land conversion ó õSanadø as applicable.
 - ii. Acoustically insulated D.G. with ambient permissible limit of 65 dB and should not be located in the basement. The stack should be vertically placed and should be above min. height of 3 mts.
 - iii. Prioritize plantation of endemic flora in landscaping.
 - iv. NOC / Clearance from the Director General Civil Aviation (DGCA) / INS Hansa, as applicable, be obtained considering the proximity of site to training air base.
 - v. Solar water heating installation plan with its capacity. Provision for solar photo-voltaic CFL and LED lighting in parking and common spaces.
 - vi. Application of solar shading devices, thermal insulation of roofs, walls.
 - vii. Storm-water drainage plan on the site.
 - viii. Installation of lightening arrestors.
 - ix. Highlight measures taken for Green Building features.
 - x. Proposed Traffic Management Plan for main as well as approach road at Entry / Exit points.
 - xi. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER).
 - xii. Budgetary provision for monitoring and sustainability of the proposed Environment Management Plan (EMP).

Accordingly, **SEAC has decided to recommend the proposal** subject to submission / undertaking by the Project Proponent (PP) in respect of mandatory compliance to above-referred observations.

2. Proposed expansion of Hostel building by **(BITS) Pilani, Goa Campus,** Sancoale village, Mormugao Taluka. (*environmental consultant: M/s Aditya Environmental Services, Mumbai*)
 - i. Submission of contingency plan with suitable report and statement / report stating provision of water harvesting initiatives.

Accordingly, **SEAC has decided to recommend the proposal** subject to submission of compliance to above-referred observation.

3. Proposed construction of residential complex in chalta no. 34, P.T. sheet No. 129, Margao, Gogal, by **M/s Prudential developers Pvt. Ltd.**, Margao. (*environmental consultant: M/s Aditya Environmental Services, Mumbai*).
 - i. To establish a monitoring protocol to carry out microbiological testing of rain-stored water as secondary domestic source on regular basis and to submit the compliance to SEAC / SEIAA. This clause should be also included in the Agreement to be executed between the Builder and the Buyer.
 - ii. Provision to implement rain water harvesting for storm-water in terms of infiltration wells along with grease filter to effectively recharge groundwater.
 - iii. Submit a fire risk management report and Disaster Management Plan (DMP).
 - iv. Submit NOC from the Forest Department regarding tree cutting.
 - v. Landscape plan to incorporate open butterfly garden and plant food and host trees.
 - vi. Submission of budgetary outlay / commitment to the Forest Dept. in view of tree cutting proposed.
 - vii. Installation of solar photovoltaic lights in common areas and provision for foot lighting at staircases.
 - viii. Submission of demolition and debris management plan for existing structures, copy of tenant's settlement documents.
 - ix. Submit information on green building features in terms of architectural features and planning.
 - x. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER).

Accordingly, **SEAC has decided to recommend the proposal** subject to submission / undertaking by the Project Proponent (PP) in respect of mandatory compliance to above-referred observations.

4. Proposed Residential complex in survey no. 209/1-A, Ponda by **M/s Maharudra Real estate, Ponda.** (*environmental consultant: M/s Aditya Environmental Services, Mumbai*)
 - i. Certificate in respect of land conversion and land settlement which is approved by the Town & Country Planning (TCP) Department.
 - ii. Inventory of flora and fauna through Functional Area Expert (Ecology & Biodiversity) of PP's Consultant concerned.

- iii. Prioritization of endemic species should be considered in landscape management. Also in-situ conservation of endemic flora encountered if any at the project site.
- iv. Budgetary outlay and commitment to State Forest Department in event of IWPA Schedule-I species if encountered.
- v. Backup power provision for fire pumps.
- vi. Solar water heating installation plan with its capacity. Provision for solar photo-voltaic CFL and LED lighting in parking and common spaces.
- vii. Submit storm water drainage plan for the site
- viii. Submit a fire risk management report and Disaster Management Plan (DMP)
- ix. Proposed Traffic Management Plan for main as well as approach road at Entry / Exit points.
- x. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER).

Accordingly, **SEAC has decided to recommend the proposal** subject to submission / undertaking by the Project Proponent (PP) in respect of mandatory compliance to above-referred observations.

5. Proposed expansion of Hostel building in survey no. 58/1-C-3, Poriem, Sattari by **Goa Institute of Management (GIM), Sanquelim Goa campus. (environmental consultant - M/s Sadekar Enviro Engineers Pvt Ltd., Panaji)**
 - i. Submission of three independent drawings / plans for proposed expansion activity which include - (a) construction of building for faculty accommodation, (b) student's hostel and (c) cafeteria.
 - ii. Detailed floral and avifaunal inventory highlighting presence of species of scheduled -1, if any. Post-EC monitoring compliance ó i.e. submission of ephemeral flush vegetation (EFV) inventories to SEAC/SEIAA.
 - iii. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER).

Accordingly, **SEAC has decided to recommend the proposal** subject to submission / undertaking by the Project Proponent (PP) in respect of mandatory compliance to above-referred observations.

6. Proposed construction of a Residential complex (EVORA) in P.T. Sheet no. 121/ Chalta no. 2,3,4,38,39 & P.T.S no. 130/ Chalta no. 33 at St. Inez, Tiswadi by **M/s Marvel Resort Pvt. Ltd., Panaji. (environmental consultant: M/s Aditya Environmental Services, Mumbai).**

- i. Submission of documents regarding tenants as well as affidavit towards rehabilitation of tenants, relocation of religious structure and land conversion –Sanadø
- ii. Submission of aero-biological study regarding air quality and post-EC and post-Occupancy monitoring of airborne pathogens / spores by accredited environmental laboratory on quarterly basis.
- iii. Submission of fire risk management report and Disaster Management Plan (DMP).
- iv. Solar water heating installation plan with its capacity. Provision for solar photo-voltaic CFL and LED lighting in parking and common spaces.
- v. Submit storm water drainage plan for the site.
- vi. Provision and maintenance of green buffer of trees around the periphery of the site through a dedicated work force. The species may be selected taking into view the need to intercept odour/dust.
- vii. Proposed Traffic Management Plan for main as well as approach road at Entry / Exit points.
- viii. Submission of demolition and debris management plan for existing structures.
- ix. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER) and assisting in ongoing efforts of rehabilitation of St. Inez creek.

Accordingly, **SEAC has decided to recommend the proposal** subject to submission / undertaking by the Project Proponent (PP) in respect of mandatory compliance to above-referred observations.

7. Proposed construction of Housing and Commercial development in survey no. 33/1 of Khandola village, Ponda talaku by **M/s. Gera Developments Pvt. Ltd., Pune.** (*environmental consultant: M/s Aditya Environmental Services, Mumbai*).
 - i. Re-submission of revised proposal on the lines of presentation given by PP before the SEAC highlighting salient points of differences from the activity to which EC was issued by the Authority earlier.
 - ii. Submission of details w.r.t. MBBR technology proposed to be used in the STP and utilization / availability of effective microbial (EM) culture used therein.
 - iii. NOC from Forest Dept. for tree cutting and budgetary provision for tree plantation to be deposited to the Forest Department or any agency identified by SEAC/SEIAA
 - iv. Submission of a –Sanadø and land conversion
 - v. Submission of Fire risk management plan and Disaster Management Plan (DMP).

- vi. Installation of solar water heating system in each villa as a alternate energy source
- vii. The green belt development details with prioritization of endemic flora and
- viii. Feasibility of use of hybrid system (solar photovoltaic + wind) as an alternate source of energy for the proposed project.
- ix. Submission of current status of court cases, if any.
- x. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER) and CSR initiatives on adopted Comunidade land in the vicinity of the said site.

Accordingly, **Goa-SEAC has decided to forward the proposal to Goa-SEIAA**, for which prior EC has already been issued by them, as referred to in (i) above, for consideration subject to compliance to above mentioned observations.

8. Proposed construction of Residential- cum- commercial building with compound wall in survey nos. 99/1 &2, 105/1, 2&3 ó C3 in Taleigao village, Tiswadi Taluka by **M/s Mahadhan Real Estate Ltd., Vasco-da-Gama. (environmental consultant - M/s Sadekar Enviro Engineers Pvt Ltd., Panaji)**
 - i. The environmental consultant and the representatives of Project Proponent (PP) could not satisfactorily respond/reply to the technical queries raised by the SEAC Members on the project report submitted and project presentation made before the Committee.
 - ii. In view of the above, the PP may be directed to resubmit the project proposal with responses to compliances to the pertinent queries raised during the presentation/follow-up discussion.
 - a. Existing land use / land cover and likelihood impacts due to proposed construction activity.
 - b. The nature of landform - i.e. accumulation of sand-sized soil and its conservation, if any, present within the project site.
 - c. Agro-diversity inventory within 2-Km radius of the site and floral and avifaunal inventory at the project site to rule out species of conservation concern, if any.
 - d. Details of Solid Waste Management plan and sewage treatment plant.
 - e. Submission of Geo-technical soil report as well as geo-hydrological studies of the project site.
 - f. Measures proposed to be undertaken towards storm-water management / land reclamation, if any.
 - g. Setback in respect of access around the building should have pay load of 30 metric tons.

- h. Submission of fire risk management and Disaster Management Plan (DMP).
- i. Compliance to Office Memorandum (O. M.) issued by the Ministry of Environment and Forests (MoEF) dated 18th May 2012 in respect of institutionalizing Corporate Environmental Responsibility (CER).

Accordingly, **SEAC has decided that the project will be freshly appraised after compliance to points referred to above.**