

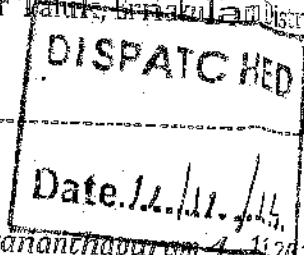
Proceedings of the State Environment Impact Assessment Authority, Kerala
Present: Prof. (Dr.) K. P. Jay, Chairman; Dr. J. Subhashini, Member; Dr. Nivedita P H, Member IAS,
Member Secretary & Additional Chief Secretary to Government (Environment Department)

Sub: SEIAA Kerala - Proposed IBS SEZ Campus by M/s IBS Software Services Pvt. Ltd, at Kakkanad Village Thrikkakkara Municipality, Kanayannoor Taluk, Ernakulam District - Environmental Clearance - Accorded

Environmental Clearance

No. 533/SEIAA/3876/2014

dated, Thiruvananthapuram 4.11.2014



Ref:- 1. Application dated 14-7-2014 submitted by Sri. Satish Chandran M/s IBS Software Services Pvt Ltd, 521-524, NILA, Technopark Campus, Thiruvananthapuram, Kerala 695581

2. Minutes of the 35th meeting of SEAC held on 17/18. 10.2014

3. Minutes of the 34th meeting of SEIAA held on 24. 10.2014

ORDER

Sri. Satish Chandran, for M/s IBS Software Services Pvt. Ltd., 521-524 NILA Technopark Campus, Thiruvananthapuram - 695581 vide application received on 13.08.2014 has sought Environmental Clearance under the EIA Notification, 2006 for the proposed IBS SEZ campus in Survey Nos. 616, 623, 636 of Kakkanad Village, Thrikkakkara Municipality, Kanayannoor Taluk, Ernakulam District, Kerala. The proponent had earlier submitted an application for this project to SEIAA Kerala which was appraised by SEAC in its 18th meeting held on 3rd August 2013. There was delay on the part of the proponent in submission of reply to the points raised by SEAC whereby the application was delisted. There after the proponent has submitted a revised application incorporating details for all the points raised by SEAC earlier.

2. The project comes under Category B, 8(a) of the Schedule of EIA Notification 2006. No forest land is involved in the present project. The project site is located within the Infopark Phase - 1 Campus at Kakkanad, Ernakulam between 10°00' 29.84" N to 10°00' 35.29" N and 76°21' 46.51" E to 76°21' 51.50" E. The project is being developed in the Infopark Special Economic Zone Complex (a society wholly controlled by Government of Kerala). The land for the project is leased to M/s IBS Software Services Pvt. Ltd. by Infoparks Kerala for a period of 90 years. It is proposed to construct IT building having one block with lower basement + upper basement and ground floor + 12 upper floors. The total plot area of the proposed project is 17038 hectares (17,037.87 m²) and the total built-up area is 58,967.08 m². The maximum height of building is 58.1 m. The water consumption

during construction phase is for meeting the domestic requirement of the construction labourers and for construction purposes. The domestic water requirement is expected to be 14 KL per day and for construction purposes would be about 15 KL per day. The source of water is from Kinfra Export Promotion Industrial Parks Ltd. (KEPIP) / Infopark water supply for meeting the domestic water requirement, and for construction purposes the source of water is from treated water from STP and stored rain water within the site. The total daily domestic water consumption for the proposed project would be 132.345 KL/day. The sources of water during operation phase for the proposed project are Roof Rain Water (on rainy days for non-flushing requirement), stored rain water / KEPIP / Infopark (on non-rainy days for non-flushing requirement) and treated waste water from STP (for flushing requirement for entire year). The fresh water requirement of about 74.115 KL/day will be met through rain water. The project has made provision for roof rain water storage tanks of total 1,487.50 KL capacity (212.50 KL x 7 Nos.) which will be used as source of water during rainy days.

3. The proposed construction project has provision of STP of 15 KL capacity to treat sewage during construction phase and STP of capacity of 127 KL/day capacity within the project premises to treat the sewage during operation phase. The total quantity of sewage generation will be 105.876 KL/day. The treated water of about 95.288 KL/day will be recycled for meeting the flushing, horticulture and cooling requirement. The sludge from STP will be partially recycled for enhancing biological treatment and the excess sludge will be sent to the biogas generation facility and the biogas produced will be used within the premises and the manure produced will be used in green area during operation phase. The manure produced from the biogas generation facility will be used in green area development within the premises. Solid waste generation from the project during construction phase will be about 80 kg/day and liquid effluent will be about 11 KL/day. The non-biodegradable waste and other packaging material will be sold to vendors. The biodegradable solid waste will be disposed in a bio-bin system and a STP will be installed for the treatment of sewage from the labour colony. During operation phase, solid waste generation will be about 446 kg/day which will be collected separately as biodegradable and non-biodegradable waste as per the MSW Rules, 2000. The non-biodegradable and recyclable waste would be sold to the recyclers. The biodegradable waste would be sent to the biogas generation plant (with capacity of 250 kg/day) to be developed within the premises. The spent oil from the D.G. sets will be sold to C.P.C.B. approved recyclers. E-waste will be disposed as per E-waste (Management & Handling) Rules, 2012. The total power requirement is 6000 kVA which will be sourced through Kerala State Electricity Board. Parking facilities is proposed for 670 cars and 840 two wheelers. Total project cost is 310 Crores. Kadambrayar river and Chitrapuzha river are at a distance of about 0.5 km and 2 km respectively from the project site. As stated by the proponent, there is no litigation pending against the project and/or land in which the project is proposed to be set up.

Details of Authorised Signatory	Mr. Satish Chandran M/s IBS Software Services Pvt. Ltd. 521-524, NILA Technopark Campus
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	Thiruvananthapuram - 695581. Tel.No. 0471-2700080; FaxNo. 0471-2700078; Email: satishnair@bsplc.com ; Rajpillai@bsplc.com
Details of NABET approved EIA consultant organisation	M/s Environmental Engineers & Consultants Pvt. Ltd. A1-198, Janak Puri New Delhi - 110058; Tel. No. 011-25507190; Telefax No: 011-25622604; E-mail: eecnewdelhi@yahoo.in ; eecnewdelhi@gmail.com

4. The project was again appraised by SEAC in its 35th meeting held on 17th and 18th October 2014 as agenda item 35.47. SEAC recommended the project for EC subject to the following conditions:

1. A clear distance of at least 3 m must be provided between the drive way and proposed building.
2. Internal road width to be minimum of 7 m.
3. In the exterior part of the building the glass used must be of non reflective type.
4. RWH facility must have a capacity of at least 15 days fresh water demand.
5. The treated water from STP must be disposed safely for horticultural purposes, flushing and air conditioners.
6. Vegetative cover must be provided all around.
7. Corporate Social Responsibility following the need based assessment, with emphasis on education, health and infrastructure development in the neighbouring Grama Panchayaths should be done. The proponent, as part of CSR activities must also address the Swatch Bharath Abhiyan initiative.

5. The proposals were considered by SEIAA in its 34th meeting held on 24.10.2014. The Authority examined the information provided by the proponent in Form 1A with special reference to the provision for generation of solar energy (Para 9.5 of Form 1A), Environment Management Plan, Environment Monitoring Plan and recommendation of SEAC. The Authority approved the project for issue of Environmental Clearance subject to all the specific conditions in the Inspection Report and recommendations general and special conditions imposed by SEIAA.

Additional Special Conditions

1. Facility of E waste shall be stored in an earmarked and covered area and disposed of as per e-waste (Management & Handling) Rules 2012.
2. Adequate parking facility should be provided in the campus.

Additional general conditions

1. Effluent water from STP not conforming to specifications shall not be let out to public drains or water bodies.
2. Grey water shall be utilised to the maximum for toilet flushing, gardening, and construction works.
3. Dual plumbing for flushing shall be provided.

6. Environmental Clearance under EIA notification 2006 is hereby accorded for the proposed IBS SEZ campus in Survey No. 616,623, and 636 of Kakkanad Village, Thrikkakkara Municipality, Kanayannoor Taluk, Ernakulam District, Kerala by M/s IBS Software Services Pvt Ltd, 521-524, NILA, Techno park Campus, Thiruvananthapuram, 695581, subject to all the undertakings in the Form IA of the application, Inspection Report and recommendations of SEAC, General conditions in the Annexure hereto, and also the additional special and General conditions. The undertakings given by the project proponent in Form 1 A and affidavits submitted therewith and the Environment Management Plan and Environment Monitoring Plan submitted by the proponent will form part of the EC as incorporated herein.

7. Violation of any of the above conditions will entail cancellation of this order.

8. Compliance of the conditions herein will be monitored by the Directorate of Environment and Climate Change or its agencies and also by the Regional Office of the Ministry of Environment and Forests, Govt. of India, Bangalore.

- i) Necessary assistance for entry and inspection by the authorised officials and staff should be provided by the project proponent.
- ii) Instances of violation if any shall be reported to the District Collector, Ernakulam to take legal action under the Environment (Protection) Act 1986.




For Member Secretary, SEIAA

To

Sri. Satish Chandran
M/s IBS Software Services Pvt. Ltd.,
521-524 NILA,
Techno park Campus,
Thiruvananthapuram - 695581

Copy to :

1. IA-Division, Monitoring Cell, MOEF, Parvathan Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003

2. MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bangalore-560034
3. The Addl. Chief Secretary to Government, Environment Dept., Government of Kerala
4. The District Collector, Ernakulam
5. The Director, Dept. of Environment and Climate Change, Govt. of Kerala, Tvm - 24.
6. The Director, Mining and Geology Department, Government of Kerala
7. The Secretary, Thrissakkara Municipality
8. Chairman SEIAA Kerala
9. Principal Secretary,
10. I.T Department, Govt. of Kerala
11. Website
12. Stock file
13. O/c

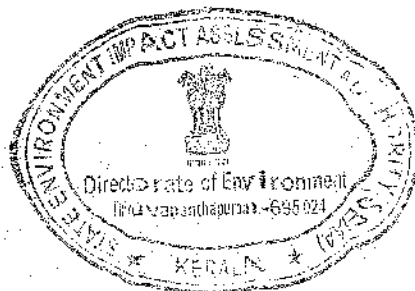


ANNEXURE

GENERAL CONDITIONS (for projects other than mining)

- (i) Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified elsewhere.
- (ii) Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- (iii) Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.
- (iv) The project shall incorporate devices for solar energy generation and utilization to the maximum possible extent with the possibility of contributing the same to the national grid in future.
- (v) Safety measures should be implemented as per the Fire and Safety Regulations.
- (vi) STP should be installed and made functional as per KSPCB guidelines including that for solid waste management.
- (vii) The conditions specified in the Companies Act, 2013 should be observed for Corporate Social Responsibility.
- (viii) The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project.
- (ix) Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity.
- (x) All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- (xi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.

- (xii) The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (xiii) The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
- (xiv) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
- (xv) A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat/ District Panchayat/ Municipality/ Corporation/ Urban Local Body and also to the Local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.
- (xvi) The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.
- (xvii) The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40.
- (xviii) The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.




For Member Secretary, SEIAA