

IL/HBLSEZ/SEIAA/2023-24/02

Date: 24.11.2023

Ministry of Environment, Forest and Climate Change,
Regional Office (SZ),
Kendriya Sadan, 4th Floor, E&F Wings,
17th Main Road,
Koramangala II Block,
Bangalore – 560034

Subject : Submission of Bi-annual Compliance Report w.r.t Environmental Clearance

Reference : Environmental Clearance no. SEIAA 182 CON 2015 dated 21st Dec 2015

Respected Sir / Madam,

With reference to above, we are herewith submitting the bi-annual compliance report of our project at Infosys Limited, IT/ITES SEZ, Gokul Hobli, Hubli, Dharwad District, Karnataka for the period from Apr'23 to Sep'23.

Request you to acknowledge the receipt of same.

Cordially yours,

For INFOSYS LIMITED


AUTHORIZED SIGNATORY

Enclosures: Compliance report with analysis reports of various environmental parameters

Compliance Report

Environmental clearance from State Level Environmental Impact Assessment Authority, Karnataka

Environmental Clearance No. SEIAA 182 CON 2015

Construction Phase:

#	Conditions Imposed	Compliance taken by us
	A. Specific Conditions – I. Construction Phase	
1	Set up an environment management cell and ensure that the cell manages/ maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc., and in case the commercial space is sold/ leased, then enter into an agreement with the prospective buyers to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.	All environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas are being maintained in the site. Environmental Management cell has been setup and continued for operation phase.
2	Appoint an Environment and safety engineer during the construction phase to take care of environment and safety aspects.	Safety engineer was appointed during construction phase, as we don't have any ongoing construction presently. Will adhere to EC condition once the construction activity restarts
3	The project proponent should ensure that during the construction phase utmost care is taken to ensure that there is no noise nuisance, No air and water pollution and no disturbance to the nearby inhabitants. In case of violation, the project construction activity may have to be directed to be stopped.	Precautionary measures are taken to avoid nuisance, air and water pollution. The DG sets are provided with adequate stacks to reduce the effect of air pollutants emitted. The acoustic enclosures have been provided to avoid the nuisance due to noise generated from the DG sets.
4	The project proponent should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants do not spill to the surroundings.	Project site is covered by compound wall with barricades to curtail the spilling of pollutants to the surrounding area.
5	Provide at the main entrances bell gates, which are located at least 12 inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.	Provision is made at the main entrance to enable smooth flow of traffic on the main road leading to the entrance
6	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.	All required sanitary and hygienic measures were adopted & were maintained throughout the construction phase. Sufficient numbers of toilets & bathrooms are provided for the labours & the generated sewage was treated in STP.
7	A First Aid Room should be provided in the Project both during construction and operation of the project.	The first aid room is provided in the project site & this facility will be continued during operation phase also.
8	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	There is no construction activity during this period, however, all the stated requirements were fulfilled. Will adhere to EC condition once the construction activity restarts
9	Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the	For the construction labours, temporary housing facilities were made within the project site & same will be removed after the completion of the project.

	completion of the project. The facilities shall include the creche.	
10	Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.	LPG is provided as fuel for cooking along with necessary utensils during construction phase.
11	All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured	The labours health screening was done before appointing them for construction work. Periodic medical evaluation camps were conducting for all the labours working in the project site. Will adhere to EC condition once the construction activity restarts
12	For dis-infection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.	Sewage generated from the labour shed during construction was treated in STP. Treated water was using for construction / landscaping after disinfection. During operation phase, treated water from STP is being used for flushing after disinfect by using chlorination
13	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	We have used the generated topsoil for backfilling, for landscaping and for road construction.
14	Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	The generated construction debris is used within the site for roads & pavement formation; hence there is no possibility of adverse effect on the neighboring communities
15	Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.	The ground water & Soil tested near project site are tested at defined frequency. Analysis reports are submitted to SEIAA during submission of bi-annual compliance report. Ref: Annexure-1
16	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Ready mix concrete is using for construction activity & other similar activities are carried out on impervious floors. Hence there are no possibilities of leaching of pollutants.
17	The diesel generator sets to be used during construction phase should be of low Sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards.	The fuel using for DG sets is of low Sulphur content & conforms to E (P) Rules prescribed for air and noise emission standards.
18	Vehicles hired for bringing construction material to the site should be in good condition and should conform to the applicable and noise emission standards and should be operated only during non-peak hours.	The requirement was ensured during the construction phase.
19	Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	The ambient air quality and noise levels were monitored during the construction phase and ensured they are well within the stipulated limits.
20	Fly ash should be used as building material in the construction as per the provisions of Fly Ash	As there is no availability of fly ash made building materials, no usage of such materials in the

	Notification of September 1999 and amended as on August 2003.	construction work.
21	Ready mixed concrete must be used in building construction.	Ready mixed concrete was used during the building construction.
22	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Storm water control and its re-use are adopted in the project.
23	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003.	To reduce water demand, ready mixed concrete, precast concrete blocks etc., are used during construction.
24	No ground water is to be drawn without permission from the Central/State Ground Water Authority.	Ground water is not being used for consumption. However, application is submitted and approval being obtained for 2 numbers of borewells existing in the campus.
25	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Dual plumbing plan is implemented at the site
26	Treatment of 100% grey water by decentralized treatment should be done.	Sewage Treatment plant is operational. At present no grey water is generated at site.
27	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Pressure reducing devices is installed in various plumbing fixtures. Water taps with sensors and aerators are provided.
28	Use of glass shall not exceed 40% of exposed area to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	All vision glass panels used are dark tinted, reflective and tinted with low- E coating with the U-value of 1.80. Spandrel Glass panels are dark tinted. Clear glass being used only for the entrance lobby which is covered and thus protected from solar heat gain by the building natural shading
29	The provision of Energy Conservation Building code, 2007 shall be fully complied with.	Whole Building Simulation route was selected for ECBC compliance instead of prescriptive route.
30	Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.	As per Energy Conservation Building Code, thermal insulation techniques & materials are being used in construction
31	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air-conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	The opaque wall is proposed to meet prescriptive requirement. The U & R values are proposed to achieve as per ECBC guidelines.
32	Facilities such as ramps and separate parking shall be provided for the benefit of physically challenged.	Buildings are designed to ensure easy access for differently abled employees.
33	The project shall be made operational only after necessary infrastructure/connection for water supply and sewerage line is provided and commissioned by the Competent Authorities.	The project will commence its operation only after obtaining necessary infrastructure/ connection for water supply and sewerage line from the Competent Authorities. For supply of water, agreement with KSWP is available. Obtained Consent for operation from KSPCB.
34	The project authority shall maintain and operate the common infrastructure facilities created including STP and solid waste management facility efficiently.	STP operations and waste management activities are being maintained effectively.
35	The project authority shall incorporate a suitable condition in the Sale/rent Agreement/Deed to be made with the buyers/occupiers they holds the	As the project is proposed for our own use, Infosys team maintain all infrastructure and other facilities throughout the operation phase.

	responsibilities jointly with other users to maintain common infrastructure facilities created including STP and solid waste management facility.	
36	The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.	The materials used for construction are obtained from approved quarries & from the authorized agencies / traders
37	The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of firefighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.	The project is planned as per the NBC Standards; necessary protection measures are adopted & we have obtained approval from the competent authorities for structural safety of the building.
38	The project authorities shall ensure that no water bodies are polluted due to project activities.	It is ensured that no water bodies are polluted due to the project activities.
39	Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.	The buildings are constructed conforming to NBC requirements
40	The project Authorities shall ensure that the National Building Code, 2005 is fully complied with and adhered to.	It is ensured that proposed project is planned as per NBC and it fully complied with.
41	The project authorities shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.	No Kharab land has been used in the proposed project.
42	The project authority shall obtain NOC before commencement of the construction activity and clearance after the completion of the construction from the Fire and Emergency Services Department, if applicable.	We have obtained NOC before commencement of the construction activity from Fire and Emergency Services Department. Also we have obtained the fire clearance certificate after the completion of buildings.
43	The project Authorities shall ensure the time specification prescribed by the Honorable High Court of Karnataka in W.P. No. 1958/2011 (LB-RES- PIL) on 04.12.2012 for different activities involved in construction work.	Time specification prescribed by the Honorable High Court of Karnataka on 04.12.2012 for different activities involved in construction work is being followed
44	The proponent shall take up the construction activity only after obtaining NOC clearance from the competent authority for assured supply of water as the case may be.	Agreement with KSWB is available for the supply of water
45	The project authorities shall ensure that the construction activity is undertaken strictly in accordance with the approved site plan / layout drawing annexed to this Environmental Clearance letter. However, it is subject to compliance to the provisions of local authorities regarding setbacks, FAR etc. Shall be adhered to.	We will obey the EC condition.
46	The existing water body, canals and rajakaluve and other drainage and water bound structures shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.	There is no existing water body, canals and rajakaluve near the project site. Water body, canals, rajakaluve and other drainage and water bound structures will be unaltered.
47	The project authorities shall leave the appropriate buffer from the boundary lake and on either side of the channel / nala and other water bodies as per the norms of the local planning Authority and this shall be free from any permanent structures. The buffer so maintained shall be planted with indigenous tree	There is no existing water body, canals and rajakaluve near the project site.

	species such as Neem, Akash Mallige, Mahagoni, Honge, Kadamba Ficus etc. and maintained as green belt.	
48	The natural sloping pattern of the project site shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.	No alteration is made for the natural sloping pattern of the project site and the natural hydrology of the area is being maintained as it is to ensure natural flow of storm water.
49	Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.	Lakes constructed in the campus and other water bodies within and / or at the vicinity of the project area are being protected and conserved.

	Part B: General Conditions	
1	The Environmental safeguards contained in the application should be implemented in letter and spirit.	The Environmental safeguards as mentioned in the application have been implemented effectively during construction phase and the same being ensured in operation phase.
2	All commitments made by the proponents in their application, and subsequent letters addressed to the SEAC/SEIAA should be accomplished before the construction work of the project is completed.	Complied.
3	Half yearly monitoring reports should be submitted to the SEIAA and the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Karwar and the APCCF, Regional Office, MoEF, Bengaluru.	The half year compliance reports is being submitted to SEIAA.
4	Officials from the Department of Environment and Ecology, Bengaluru/ Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Karwar and the APCCF, Regional Office, MoEF, Bengaluru who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Karwar and the APCCF, Regional Office of MoEF, Bengaluru / Department of Environment and Ecology, Bengaluru.	Noted and will adhere to EC conditions.
5	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	Noted and will adhere to EC conditions.
6	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.	Noted and will adhere to EC conditions.
7	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental 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.	Noted and will adhere to EC conditions.
8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.	All applicable permissions have been obtained from the concerned authorities

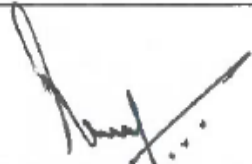
9	<p>The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Karnataka State Pollution Control board and may also be seen on the website of the SEIAA, Karnataka at http://www.seiaa.kar.nic.in. Or http://seiaa.karnataka.gov.in, http://environmentclearance.nic.in. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Karwar and the APCCF, Regional Office, MoEF at Bengaluru/Department of Environment and Ecology, Bengaluru.</p>	Yes, complied.
10	<p>The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.</p>	We have displayed the conditions on the board at the entrance of the project.
11	<p>Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	Noted
12	<p>These stipulations would be enforced among others under 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.</p>	Noted
13	<p>Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining Environmental Clearance.</p>	Construction work for the proposed project has been started after obtaining the environmental clearance
14	<p>The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.</p>	Noted and will adhere to EC conditions.

A. Specific Conditions – II. Operation Phase-

A. Specific Conditions – II. Operation Phase		
1	The installation of the Sewage Treatment Plant (STP) of total capacity 276 KLD should be carried out before the construction of the second floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA immediately. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed, using dual plumbing line.	For phase-1, 75 KLD capacity STP is being constructed and being operated for recycling of wastewater. 100% of the wastewater being generated is recycled and reused within the campus for secondary purposes like flushing and gardening. The recycled water quality is in conformance with the limits stipulated by state pollution control board. Treated water analysis report of same are enclosed. Ref: Annexure-2
2	Rainwater harvesting for roof run-off with 330 Cum capacity of tanks at ground level for rainwater collection and also surface run-off harvesting as per the plan submitted should be implemented with 122 Nos. of recharge pits and pre-treatment must be done to remove suspended matter, oil and grease before recharging the surface run off.	The rain water harvesting plan is implemented in the project site; rain water harvesting tanks having 518 KL capacity is constructed. Also 2 ponds of cumulative capacity 4.1 crores liter constructed for rain water harvesting. 18 recharge pits are constructed for ground water recharge through rain water.
3	Ensure that the excess runoff rainwater from the greenbelt area, which is irrigated by treated water, does not get into recharge pits and contaminate the ground water. Such excess flow should be safely let in to the storm water drains.	Proper care has been taken, not to contaminate the ground water from the excess runoff rainwater from the greenbelt area, which is irrigated by treated water; and excess runoff is being safely collected in a artificial ponds and recharging pits.
4	The solid waste generated should be properly collected and segregated inside. The Biodegradable organic waste be composted by installing bio-converter in site and used. The non-biodegradable waste be disposed to the authorized recyclers.	The generated solid waste is being collected in separate bins. The organic waste is being processed in organic waste converter within the project site & recyclable will be handed over to authorized recyclers.
5	Any hazardous waste including biomedical waste should be disposed off as per the applicable Rules and norms with necessary approvals of the Karnataka State Pollution Control Board.	The hazardous waste viz used oil, oil soaked waste etc. generated is being stored in leak proof containers & being handed over to KSPCB authorized recyclers. There is no generation of bio-medical waste.
6	The project proponent shall develop a minimum of 33% of the project area for green belt. The proposed Greenscape is 1,23,561.32 Sqm (70.92% of total plot area). The proponent shall undertake Plantation of heavy foliage indigenous tree species such as Mahagoni, Honge, Neem, Akash Mallige, Kadamba, Ficus and Ashoka, etc at an escapement of 3 mts x 3 mts i.e. 1111 plants/hectare. The green belt design along the periphery of the plot shall achieve attenuation factor confirming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.	Green belt is planned accordingly for 70.92% of the project site area with native species.

7	Incremental pollution loads on the ambient air quality; noise and water quality should be periodically monitored after commissioning of the project.	Regular monitoring is being carried out and reports are submitted to KSPCB along with environmental statement. Ambient air quality report, noise level monitoring report and water quality report is enclosed. Ref: Annexure-3
8	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA.	We have established a 40 MW Solar Plant in Sira, Tumkur Taluk. The green solar power generated from this solar plant is used for our daily energy requirements related to operations of campuses at Bangalore, Mysore, and Mangalore. The work is in progress towards sourcing the renewable from this plant to project site
9	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized, and no public space should be utilized.	Surface car parking facility is provided & no public space is being used for parking.
10	A Report on the energy conservation measures confirming to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA in three months' time.	The buildings being constructed will follow the LEED framework for energy efficiency. The building constructed are LEED Platinum certified green buildings.
11	All toilets should have dual plumbing line for using treated water and no wastewater is discharged from the unit.	Dual piping system has been implemented in the proposed project.
12	The Environment Management Plan including the human health and Safety management plan and Fire Safety and Protection plan proposed by the proponent shall be strictly implemented.	Environment Management Plan including the human health and Safety management plan and Fire Safety and Protection plan has been implemented.
13	The proposed building shall have D.G. Set of 2 Nos. x 1010 KVA and 1No. X 750 KVA as an alternate power supply source as proposed.	Installed DG Set of 1 No X 500 KVA and 1 No X 320 KVA as an alternate power supply source for the buildings.

Date: 24.11.2023


Authorized Signatory
Infosys Ltd, Mysore