SIX MONTHLY COMPLIANCE REPORT (PERIOD FROM 01.10.2021 to 31.03.2022	
PROJECT	EXPANSION OF IT/ITES Project at TECHNOPARK Campus, Village Kulathoor, TRIVANDRUM, KERALA BY M/s TECHNOPARK, TRIVANDRUM.
MOEF LETTER NO & DATE	ENVIRONMENTAL CLEARANCE (EC) NO. 21-199/2017-IA-III dated 15th June 2018
	All the conditions of EC have been complied. Public has been informed about grant of EC by advertisement in Newspaper Mathrubhumi (Copy of adv is attached herewith).

Present status of compliance to the conditions stipulated in the Environment Clearance No 21-199/2017-IA -III dated 15th June 2018 is given hereunder.

SL.NO	DESCRIPTION	COMPLIANCE STATUS
(iv)	The total plot area is 1,18,700 sqm, FSI area is 2,13,422 sqm and total construction (built-up) area of 3,40,000 sqm. The project will comprise of IT/ITES buildings shall be developed. Maximum height of the building is 90 m.	Phase 1 Buit Up Area = 1,45,315.06 Sq.m Phase 1 plot area = 40470Sq.m (10acres) maximum height of the building is 55.65m for Phase 1
(v)	During construction phase, total water requirement is expected to be 95 KLD which will be met by stored rain water tank water for construction and Kerala Water Authority supply for meeting the domestic water requirement. During the construction phase, mobile STP will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.	Phase 1 construction water demand is approximtely 40KLD, which is obtained from external water suppliers. Mobile STP is proposed for disposal of waste water during the construction phase.
(vi)	During operational phase, total water demand of the project is expected to be 1,200 KLD (which includes fresh water requirement of 936 KLD) and the same will be met by the 864 KLD Recycled Water . Wastewater generated (960 KLD) uses will be treated in STP of total 1152 KLD capacity. 864 KLD of treated wastewater will be recycled (800 KLD for flushing, 50 KLD for gardening & 16 KLD for makeup water req. for cooling towers attached with HVAC system. About no treated/untreated water will be disposed in to municipal drain.	During operational phase, water demand as per design for Phase 1 is as follows: Total Water demand = 571Cu.m, Domestic water demand = 317 Cu.m and Treated water expected from Technopark STP = 485Cu.m. Landscape water demand = 137Cu.m, Flushing water demand = 254Cu.m. Fresh Water requirement will be met from Technopark supply, recycled water requirement will be met from Technopark STP treated water tank. No treated/untreated water will be disposed in to municipal drain. **Hence complied**
(vii)	About 2.50 TPD solid wastes will be generated in the project. The biodegradable waste (1.875 TPD) will be processed in bio-gas generation unit/OWC/bio bin system and the non-biodegradable waste generated (0.625 TPD) will be handed over to authorized local vendor.	The solid waste generated for the project in Phase 1 is as given below : Solid waste generation = 1.86TPD. Biodegradable waste = 0.754TPD will be treated in the OWC. Inorganic waste = 1.13TPD. Non bio degradable waste generated will be handed over to authorized local vendor.
(viii)	The total power requirement during operation phase is 10.50 MVA and will be met from Kerala State Electricity Board & DG Sets (standby) and total power requirement during construction phase is 0.5 MVA and will be met from Kerala State Electricity Board & DG Sets (standby).	Phase 1: Maximum demand for the project is 5590 kVA including the demand of co-developer, as per the approval obtained from CEIG (Chief Electrical Inspector General). 4 DG sets of 2000kVA, 3 DG sets of 1500 kVA and 4 DG sets of 750 kVA are provided for 100% backup. **Hence complied.**
(ix)	Rooftop rainwater of buildings will be collected in RWH tanks with appropriate capacity for harvesting after filtration.	Rooftop rainwater from the building is designed to be colelcted in Rain water harvesting pond of capacity 1260 Cu.m.
(x)	Parking facility for 3,884 four wheelers and 1,060 two wheelers is proposed to be provided against the requirement of 2,663 Cars and 659 Two wheelers respectively (according to local norms).	Phase 1 : Four wheeler parking provided is 2344 nos. Two wheeler parking provided is 1500 nos, which is more than the statutory requirement proportioanl to the BUA. **Hence complied**
(xi)	Proposed energy saving measures would save about 23% of power.	Energy savings expected is 30%. **Hence complied.**
	PART A - SPECIFIC CONDITIONS:	
(i)	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	All necessary clearance/ permission from all relevant agencies including town planning authority has been obtained before commencement of work. **Hence complied** Ref: Building Permit from Technopark : ETPK/PH3/SWC/20 1B_ 19/958 dt: 22nd October 2018 .**Hence complied**
(ii)	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Consent to Establish obtained from KPCB (Kerala Polution Control Board). Consent No. :PCB/HO/TVM/ICE/03/2021, obtained on 24/05/2021. Hence complied
(iii)	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.	Structural Stability Certificate from structural consultant produced to Townplanning for structural compliance. Structural design under gone separate Peer Review by a specialized Peer review Consultant. No Objection Certificate from Department of Fire & Rescue obtained for the project. **Hence complied.**
	Topography and natural Drainage	

SL.NO	DESCRIPTION	COMPLIANCE STATUS
(iv)	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	The site is planned such that the natural drain system is maintained to ensure unrestricted flow of water and there is no obstruction to the flow of water. In addition to that storm water channels/trenches are constructed at site to ensure that sediments are collected within the site during the storm water runoff and no sediments leaves the site.
	Water requirement, Conservation, rain water Harvesting, and Ground Water	
(v)	As proposed, fresh water requirement from Kerala Water Authority/Rain water shall not exceed 936 KLD.	Entire waste water generated in the campus will be connected to the centralized STP of Technopark located within the Technopark campus. This treated water from STP shall then be reused for flushing, irrigation and cooling tower make up water requirements thereby reducing the fresh water/potable water requirement for the project significantly. Only the water for domestic uses which is estimated for Phase 1 to be around 317Cu.m. Even this will be further minimized by reuse of collected rain water to thereby ensure that the fresh water requirement from KWA does not exceed 936 KLD.
(vi)	A certificate shall be obtained from the local body supplying water , specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	The project is coming up as part of the larger Technopark development. As per the arrangement with Technopark, they will be supplying water for the project based on the agreement. Please find the attached water test report confirming the quality of water is inline with the local standards
(vii)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Water meters shall be provided to monitor the water consumption post completion of the building. During the construction process the project shall use rain water collected onsite or water supplied by approved external sources in tankers. The quantity of this water shall be tracked by contractors. Currently the project is in the construction stage. As the project construction progresses, it will track the water requirement and submit the same along with the six monthly reports
(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.	The project coverage is only 44.78% with Phase 1 builidng in place for the 10 acre land and in addition will be providing grass pavers in the external areas to increase pervious areas and reduce storm water runoffs. Please refer to the landscaping plans for details of the same.
(ix)	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.	Project has considered dual pipe plumbing system to enable reuse of treated water for flushing, cooling tower makeup and landscaping purposes separately and fresh water for drinking, cooking, bathing and other contact purposes in line with the requirements. This is to reduce the potable water requirement for the project.
(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.	Project has proposed to use the low flow water fixtures as per the green building requirement. Dual flush water closets 4.2/ 2.1 litres, low flow water fixtures including kitchen faucet at 4 LPM, Lavatory faucet at 2.5 LPM, urinal at 1.15 LPF. The effort is to reduce the water use by over 30% in comparison to conventional buildings
(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.	Separation of grey and black water planned by the use of dual plumbing system. **Hence design complied**
(xii)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction is reduced by use of pre-mixed concrete, curing agents and other best practices referred. In addition that project has used the collected rain water, treated water or water supplied by KWA to reduce the potable/ground water use during construction **Hence complied.**
(xiii)	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016 . As proposed rain water harvesting tanks shall be provided.	Project has considered a rainwater harvesting pond of capacity 1260Cu.m to harvest the storm water runoff at site. The entire roof run off as well as the surface runoff is harvested in the tank which can then be reused for various purposes. In addition recharge pits shall be provided on the periphery of the site to recharge the excess runoff into the aquifers.
(xiv)	As proposed, no ground water shall be used during construction/ operation phase of the project.	The project will only be using collected rain water and water supplied by KWA for construction purposes and confirms that no ground water will be used during the construction as well as operation phase of the project
(xv)	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering .	As there are no basements for the current builiding under construction, no ground water dewatering done. **Hence complied.**
	Solid Waste Management	

SL.NO	DESCRIPTION	COMPLIANCE STATUS
(xvi)	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	Yes the project confirms that it shall be following the same
(xvii)	Disposal of muck during construction phase shall 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 project shall be reusing all the excavated soil back for filling and levelling purposes. In addition the project is also providing storm water trenches onsite to capture any soil that is washed away by rain so that no soil leaves the site. Moreover the vehicles leaving the site shall have their wheels washed to ensure no muck it taken through the wheels into the neighbouring communities. All construction debris including the muck if to be disposed shall be taken out by the contactor and disposed safely in approved site only
(xviii)	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Bio gas generation plant/ bio bin system. As proposed, 1000 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.	Project has proposed to dedicate separate area for solid waste management within the premises, which will include the area for waste collection and segregation. This area shall have bins for segregating paper, plastic, metals, cardboard and glass. In addition the wet waste shall be separated and using onsite waste converter units shall be converted to manure which will then be reused in the landscaping .
(xix)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Project has minimized the amount of waste generated by careful resource planning and factory manufacturing of most products etc. Additionally whatever waste is generated onsite is also being recycled /reused thereby diverting it away from landfills and dump yards. Any hazardous waste will be segregated and disposed off as per applicable CPCB norms. As per LEED, project will be segregating all type of waste generated at site during the construction process.
(xx)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Shall be obtained at the stage of completion of the project
	Sewage Treatment Plant	
(xxi)	Sewage shall be treated in the STP based on MBBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, HVAC cooling and Gardening. No treated water shall be discharged to the Municipal sewer line.	Entire waste water generated in the campus will be connected to the centralized STP of 512 KLD capacity located in the Technopark campus. Treated water / recycled water from the STP is planned to utilize for irrigation , flushing purpose and cooling tower make up purposes.
(xxii)	The project/activity shall be dove tailed with the sewerage collection and disposal facilities to be created by the Municipal Corporation/Competent State Authorities so that all sewage generated in the construction and operation phases is disposed accordingly . Necessary permission from the Municipal Authority shall be obtained.	The sewage generated in the project is disposed to the dedicated STP constructed within Technopark premises to exclusively cater the needs of this project. **Hence complied.**
(xxiii)	No sewage or untreated effluent water would be discharged through storm water drains.	The sewage generated in the project is disposed to the dedicated STP constructed within Technopark premises to exclusively cater the needs of this project. **Hence complied.**
(xxiv)	The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP	The sewage generated in the project is disposed to the dedicated STP constructed within Technopark premises to exclusively cater the needs of this project. Since the project is in the construction phase only, not applicable now.
(xxv)	Sludge from the onsite sewage treatment , including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development , Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	The sewage generated in the project is disposed to the dedicated STP constructed within Technopark premises to exclusively cater the needs of this project. Hence this not applicable now.
	Energy	
(xxvi)	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.	The project confirms that its design and specifications are in compliance with ECBC code as well as the ASHRAE 90.1-2010 standard. has been ensured in design. The project is also pursuing the LEED BD+C Core and Shell rating and inline with both ECBC and LEED norms has considered as part of its design - passive solar strategies such as building orientation, shading, appropriate fenestration to harvest maximum natural lighting while minimizing the overall energy consumption. In addition the project is going for high performance glazing, high efficiency HVAC and electrical systems to bring down the energy demand of the building have been planned. The project shall take the energy simulation Whole building performance approach in ECBC as well as the Performance rating method as per ASHRAE 90.1-2010 standard. The project confirms that it meets the ECBC requirements

SL.NO	DESCRIPTION	COMPLIANCE STATUS
(xxvii)	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning . Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Yes the project will be implementing several energy conservation measures including LEDs for external lighting and common area lightings and will have in place a program for recycling of the LEDs to avoid any mercury contamination as per the prevailing norms.
(xxviii)	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report.	Project has considered the Solar PV of 65.5 KW which is approximately 1% of the demand load.
(xxix)	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	No centralzed hot water system adopted; No apartments envisaged in the project. Solar power is considered for landscape lighting and common area lighting. **Hence complied.**
(xxx)	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity . These include Fly Ash bricks, hollow bricks, AACs , Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 2ih August , 2003 and 25th January , 2016. Ready mixed concrete must be used in building construction.	In line with green building requirement environment friendly materials are used i.e.., which has good amount of recycled content in it, such as cement with fly ash and glass with recycled content. In additional to that construction materials which is manufactured locally has given preference to reduce the impact on environment due to transportation.
(xxxi)	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be submitted.	The project is coming up as part of the larger Technopark development. As per the arrangement with Technopark, they will be supplying adequate power for the project based on the agreement and the requirement. Relevant certificate for the same shall be provided by Technopark . Power sanction appliation is in progress. Will be submitted once obtained.
	Air Quality and Noise	
(xxxii)	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction , continuous dusU wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Yes all these measures have been implemented on site. The project has adequately barricaded the entire site with 3m height barricades. Various dust, smoke & other air pollution prevention measures such as spraying water regularly on site, dust screens, covering vehicles bringing various materials with tarpaulin sheets, temporary vegetation, wheel washing etc. has been done to control dust onsite. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
(xxxiii)	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016 . All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	The project has implemented a detailed construction waste management plan in line with these requirements and LEED norms. The project has ensured that all construction debris is segregated and stored at the site before they are properly recycled/reused and or diverted. The project confirms that construction waste will not be dumped on the roads or open spaces outside . All demolition and construction waste are managed as per the provisions of the Construction and Demolition Waste Rules, 2016 . All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution is provided with dust mask. **Hence complied.**
(xxxiv)	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	The project confirms that the DG sets used during construction complies with CPCB norms and is of low sulphur diesel type. Necessary certificates of the same are available onsite, Moreover the project confirms that gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards
(xxxv)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards . Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	DG exhaust are dispersed through vertical stacks as per PCB guidelines. DG sets are placed in acoustically insulated room. Maintianed as per PCB norms and guidelines. **Hence complied.**

SL.NO	DESCRIPTION	COMPLIANCE STATUS
(xxxvi)	For indoor air quality the ventilation provisions as per National Building Code of India.	As per green building requirement the project will adhere to the ventilation requirements as per ASHRAE 62.1.2010 standard and NBC norms as applicable
(xxxvii)	Ambient noise levels shall conform to Commercial Standard both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000 . Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB I SPCB.	Ambient noice level to be monitored to ensure that noise level during construction phase confirmed to the stipulated standards by CPCB\ SPCB. Please find the attached report indicating the noise levels taken at site for 24 hrs.
(xxxviii)	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	The project is monitoring the air quality onsite on a monthly basis and in case the air quality at site exceeds acceptable norms, then suitable corrective action shall be taken. A plan has been put in place listing the various measures that have to be implemented to ensure that the air quality at the site is within acceptable limits. please find the attached report on air quality indicating the levels of PM 2.5, PM 10 , Sulphur dioxide and oxides of nitrogen are within the acceptable limits.
	Green Cover	
	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the Tree Authority constituted as per the Kerala Preservation of Trees Act, 1986 (Act 35 of 1986). Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	The project has planned the design of the entire site in a sustainable manner. There are landscaped areas that have been identified right from the initial stage of design and the same will be implemented at the end of the construction period. There were no existing trees on site in the phase 1 development as it can be seen in the survey plans. However in line with the sustainability commitment the project will now plan landscaping and trees in line with the requirements and also ensure that the entire species of landscaping to be native and adaptive species which are drought tolerant and require minimal water
(xxxix)	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 6,659 sqm area shall be provided for green area development.	The project confirms that it will plan 1 tree for every 80 sqm as per the requirement. The species of these trees shall be native/ adaptive type and with broad canopy to provide shading and reduce urban heat islands. However given the minimal space available in the phase 1 of the development in case all these trees cannot be located on site, the project will plan the planting of these trees along the areas adjoining the site boundary and access roads to ensure that 1 tree for every 80 sqm is provided.
	Top Soil preservation and Reuse	
(xi)	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Project has conducted a soil fertility test to ascertain the quality of the top 20 cm of the soil and it has been found that the soil is not worthy of reuse for landscaping. Hence the soil is being reused for filling and other purposes onsite. The project confirms that it will not send any soil outside of the site.
	Transport	
(xii)	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI) , shall be prepared to include motorized, non-motorized, public, and Private networks. Road should be designed with due consideration for environment , and safety of users. The road system can be designed with these basic criteria.	Traffic consultant appointed to establish traffic management plan and road design for the campus and for the neighborhood. **Hence complied.**
	Hierarchy of roads with proper segregation of vehicular and pedestrian traffic .	**Complied as above**
	Traffic calming measures	**Complied as above**
	Proper design of entry and exit points.	**Complied as above**
	Parking norms as per local regulation	**Complied as above**
(xiii)	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Traffic consultant appointed to establish traffic management plan and road design for the campus and for the neighborhood. **Hence complied.**
(xliii)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non- peak hours.	Vehicles hired for bringing construction material to the site are in good condition and have pollution check certificate and conform to applicable air and noise emission standards be operated only during non- peak hours. **Hence complied.**
	Environment management Plan	

SL.NO	DESCRIPTION	COMPLIANCE STATUS
(xliv)	An environmental management plan (EMP) as prepared and submitted along with the EIA Report shall be implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.	As required by MOEF the project has developed this detailed environmental management plan (EMP) to demonstrate compliance with the various environmental conditions as specified in the approval. Also a dedicated Environment Monitoring Cell has been put in place to implement this EMP. The environmental cell meets at regular frequency and is ensuring that the environmental management plan is closely implemented in the project and shall also keep the record of these activities on an ongoing basis on site.
	Others	
(xiv)	Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets , mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Accommodation of construction labours not allowed within the construction site. Provision outside the site has been made for the housing of construction workers and all the necessary infrastructure including fuel for cooking, toilets, mobile STP, safe drinking water, medical care, creche etc. have been provided. These accommodation is frequently visited by Client / PMC team to ensure all required facilities and infrastructure.**Complied.**
(xlvi)	A First Aid Room shall be provided in the project both during construction and operations of the project.	A First Aid Room provided in the project both during construction and operations of the project. **Hence Complied.**
(xlvii)	The company shall draw up and implement corporate social Responsibility plan as per the Company's Act of 2013 .	The project shall implement corporate social Responsibility requirement as per Company's Act of 2013 in due course of the project
(xlviii)	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.lll dated 1st May 2018, the project proponent is required to prepare and implement Corporate Environment Responsibility (CER) Plan. As per the said OM, funds @0.50% of the total project cost shall be earmarked for the activities proposed under CER. The activities proposed under CER shall be restricted to the affected area around the project.	The project is currently planning on implementing few corporate environment responsibility (CER) measures such as Rain Water Harvesting, Waste management, Infrastructure development as required and other activities such as education and basic healthcare awareness creation in the neighbourhood. The project will be implementing these measures in the coming months and shall also provide required reports of these activities from time to time
	PART B - GENERAL CONDITIONS	
(i)	A copy of the environmental clearance letter shall also be displayed on the	Complied
(ii)	The funds earmarked for environmental protection measures shall be kept in	Complied
(vi)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act , 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	All statutory approval obtained through Single Window Clearance, following SWC meeting on 10 October 2018, and permit issued by Technopark ETPK/PH3/SWC/2018-19/958 dtd. 22nd October 2018. **Hence complied**
(vii)	These stipulations would be enforced among others under the provisions of the 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 the EIA Notification, 2006 .	All statutory guidelines will be followed. **Hence complied.**
(viii)	The project proponent shall advertise in at least two local Newspapers widely	Complied.
(x)	A copy of the clearance letter shall be sent by the proponent to concerned	To be confirmed
(xi)	The proponent shall upload the status of compliance of the stipulated EC	To be confirmed
	(xii) The environmental statement for each financial year ending 31st March in	To be confirmed