



Environmental Clearance Compliance of Stipulated Environmental Conditions/Safeguards of "Lemon Tree & Red Fox Hotel" at Asset no-6, Hospitality District, DIAL, IGI Airport, New Delhi

PART A. - SPECIFIC CONDITIONS

I. Construction Phase

I.	Construction should be started after obtaining prior Consent to Establish from Delhi Pollution Control Committee (DPCC) under Air and Water Acts and a copy shall be submitted to the SEAC-Delhi, failing which project shall be discontinued.	All rules and regulations were followed and after obtaining Consent to Establish, construction was started. Consent to Establish letter is enclosed as Annexure- I.
II.	Provision shall be made for the housing of labours within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care along with first aid room, crèche etc. The housing may be in the form of temporary structures to be removed after completion of the project.	The construction of the project has been completed and it is in operational phase. The stipulated infrastructure and facilities were provide during construction phase.
III.	Health and safety norms of CPWD should be followed during construction	It was followed at the time of construction
IV.	Top soil excavated during construction activities should be stored within the site for use in horticulture/landscape development.	At the time of construction it was done and top soil used in horticulture and scaping.
V.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority	Project is in operational phase. The stipulated condition was same followed during construction phase.

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VI.	Proper measures should be adopted to control dust emissions during construction phase by providing adequate numbers of water sprinklers.	For controlling dust emissions during construction phase all necessary precautions were taken. Including water sprinkler.
VII.	Soil and water samples of the site should be tested by the project proponent through any laboratory recognized by DPCC to ascertain that there is no threat to ground water quality by leaching of contaminants, on quarterly basis for inclusion in the six monthly reports.	It was done at the time of construction.
VIII.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into groundwater. Bulk of the demolition waste should be recycled and minimum possible demolition waste should be dumped at designated dumping site.	The construction of the project has been completed as project is in operational phase, hence this condition is not applicable. The condition was complied during construction phase.
IX.	Bio-medical waste, if any, shall be disposed of as per the Bio-medical waste (Management & Handling) Rules, 1998 and authorization shall be obtained from DPCC as per applicability.	
X.	Any hazardous waste generated during construction and operation phase should be disposed off as per applicable rules and norms with necessary authorization from Delhi Pollution Control Committee.	Hazardous waste generated during construction phase was handled as per Hazardous during operational phase spent oil from DG set is the only hazardous excess & is being disposed off as per prevailing norms.



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XI.	The diesel generator sets to be used during construction phase should be operated on low sulphur diesel and should conform to the Environment Protection Rules prescribed for air and noise emission standards.	The DG sets were run using low sulphur diesel during construction phase.
XII.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from 'Chief Controller of Explosives shall be taken.	Diesel for DG sets was stored in daily storage drums in minimum quantity as per threshold limit applicable for temporarily storage of diesel for which no clearance from Chief Controller of Explosives is required.
XIII.	Vehicles hired for bringing construction material to the site should be in good condition, have pollution check certificate, conform to applicable air and noise emission standards. These vehicles should be operated only during non-peak hours. The material loaded or unloaded should be covered (Especially excavated soil) before transportation to avoid fugitive emissions etc.	The condition was complied during construction phase.
XIV.	Ambient noise levels should conform to prescribed residential standards both during day and night hours. Adequate measures should be made to reduce ambient air and noise level during construction and operation phase, so as to conform to the norms stipulated by CPCB/DPCC. Ambient air and noise monitoring should be done by an accredited lab and data should be submitted along with compliance report in every six month.	Noise monitoring report is enclosed as Annexure-II. The noise level is within stipulated levels.
XV.	Thick green belt of the adequate width and density, along with adequate tree plantation to create a buffer zone as per plan submitted, shall be raised along the periphery of the plot so as to provide protection against particulates and noise.	Thick Green belt has been developed in the project. Indigenous species of plant species have been planted around the project periphery to absorb maximum dust and to reduce noise level. Site plan is enclosed as Annexure- III & photos showing plantation and landscape of the project

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XVI.	Natural drainage should be preserved as far as possible.	Within 7 KM of the project site, there is no Natural drainage
XVII.	Rain water harvesting, as per plan submitted, for roof top run-off and surface run-off should be implemented. Before recharging the surface run-off, pre-treatment must be done to remove suspended matter, oil and grease. The depth of the bore for rainwater recharging should be kept in consultation with DJB. No wastewater (such as sewage, trade effluent, backwash of treatment unit, floor washing wastewater etc) should be discharged into the rainwater harvesting structure in order to avoid groundwater contamination. The collected rainwater, if any should be properly treated before use.	The implementation of rain water harvesting for roof run-off and surface run-off is done as per submitted plan. The depth of the Bore for rainwater recharge has been done in consultation with DJB. No wastewater is discharged into the rainwater harvesting structure in order to avoid groundwater contamination. Photo of rainwater harvesting pits at site is enclosed as Annexure-IV .
XVIII.	The ground water drawl during construction and operation phases should be done only with the prior permission of DJB. Until then, no ground water shall be used in construction activities. The ground water level and its quality should also be monitored regularly in consultation with DJB.	No permission was required because there was no ground water extraction done at time of construction. In its operational phase also the source of water supply is Delhi International Airport Private Limited. Recent water bills of water is enclosed as Annexure-V.
XIX.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification dated September 14, 1999 and amended as on August 27,	Fly ash used as per notification during construction of building.
XX	Ready Mix Concrete must be used in building construction to minimize the use of water.	During building construction it was complied.
XXI	Water demand during construction should be reduced by use of pre-mixed	It was complied at the time of construction.



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	concrete, curing agents and other best practices preferred.	THE TOOMS OF SECTION AND AND ADDRESS OF SECTION ADD
XXII	Fixtures for toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	for toilet flushing and drinking
XXIII	Energy Conservation Building Code to be strictly adopted in all aspects of building design and construction. Requirements of GRIHA rating, if proposed, should be followed.	has been adapted to maximum possible extent in all aspects of building design
XXIV	Approval of Chief Fire Officer and Delhi Urban Arts Commission for Building Plans, approval of Airport Authority of India for Building Height and approval of other authorities viz Land owing Agency, DJB, MCD, NDMC, DISCOM, etc should be obtained.	All necessary approvals have been already obtained.
XXV	NOC for cutting of trees, if any, should be obtained from Department of forest & Wildlife.	Felling of tree at the project site was not required because project site was vacant land. Therefore permission from forest department was not required.
XXVI	Approval of competent authority shall be obtained for structural safety of the building due to earthquake. Adequacy be ensured for firefighting equipments etc as per National Building Code including protection measures from lightening etc.	All safety measures were taken as per National Building Code. Approval of competent authority was obtained for structural safety of the building due to earthquake. Fire safety certificate is enclosed as Annexure- VI.
XXVII	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to neighbors.	It was complied at the time of construction.

II. Operation Phase

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I	Consent to operate under Air and Water Acts shall be obtained from DPCC before operation, failing which the Environmental Clearance herein shall be deemed to be withdrawn.	Acts have been granted by DPCC. CTC letter is enclosed as Annexure-VII.
II.	The zero wastewater discharge condition shall be achieved with installation of a well designed on-site Sewage Treatment Plant (STP) for the generation of sewage and Effluent Treatment Plant (ETP) for any type of effluent and the treated wastewater shall be reused in HVAC cooling, flushing through dual plumbing and in Horticulture. The STP/ETP should be certified by an independent expert and adequacy report in this regard should be submitted to Delhi Pollution Control Committee before the project is commissioned for operation. Water meters at all appropriate places shall be installed to know the quantum of water used, wastewater, treated water recycled/reused in HVAC, flushing and horticulture/ gardening, necessary measures should be made to mitigate the odor problem from STP/ETP.	project is 181 KLD. 169 KLD water is recoverable after treatment by STF which is used through dual plumbing in Flushing (54 KLD), Horticulture (13 KLD), Cooling Towers (90 KLD). Boiler (2 KLD) and back wash. STP was certified and report was submitted, water meters are installed at appropriate places. STP of 220 KLD based on FAB technology is installed for the treatment of wastewater generated within project.
III.	The Solid waste (dry as well as wet garbage) generated should be properly collected and segregated. Biodegradable (wet) garbage generated should be converted to compost or biogas by suitable technology. Non-Biodegradable waste should be outsourced properly after recovery of recyclable material. Paper recycling unit should be installed for recycle and reuse of waste paper. Adequate measures should be taken to prevent odor problem.	generation is 629 kg/day. Solid Waste is disposed off through government approved vendors after recovery of recyclable material. Necessary precaution is taken to minimize nuisance of odor, flies, and rodent. During breakdown or maintenance of processing facility intake of waste is stopped and arrangement is done for diversion of waste to the landfill site. Preprocess and post process rejects are removed from
V.	Bio- medical waste, if generated any, shall be disposed of as per the Bio-	Demon Tree & Red Fox is hotel, hence there is no Bio-medical waste



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	medical Waste (Management & Handling) Rules, 1998 and authorization shall be obtained from DPCC as per applicability.	generation in the project site. Therefore no permission from DPCC is required.
V.	Utilization of Diesel power generating sets is subject to power failure condition only, The DG sets proposed as a source of power back up during operation phase should be of enclosed type. The DG sets of capacity more than 1000 KVA should be provided the stipulated stack height of 30 meter from the ground. If not possible due to any reason, permission from MoEF must be obtained specifically for stack height of such DG sets. All the DG sets should be subjected to periodic noise and stack monitoring in consultation with DPCC. Waste/used diesel should be stored and managed as per Hazardous Waste (Management and Handling) Rules, 2000 as amended to date and be sold to CPCB approved recyclers, Clearance from AAI should be obtained for stack height of D.G set.	Three NOS. Of (1x 1010 kVA and 2 x 750 kVA) of D.G sets have been installed as power backup during power failure condition. These DG are enclosed type to reduce noise level. The ambient noise monitoring result is enclosed as Annexure II. Stack height of D.G Set is 6 m above the height of building as per norms. NOC from AAI is enclosed as Annexure –VIII. Used diesel is stored and managed as per Hazardous And Other Wastes (Management and Tran boundary Movement) Rules2016 and used diesel is sold to CPCB approved recyclers.
VI	Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. Parking should be fully internalized and no public space should be utilized. Separate parking provision should be provided for handicapped persons.	Parking facility of 324 ECS is provided in hotel. Hence adequate parking facility has been given which is shown in traffic circulation plan. The traffic circulation plan is enclosed as Annexure-IX . Parking is fully internalized and no public space is utilized. Separate parking is provided for handicapped persons.
VII	Energy Conservation measures such as solar lighting for common areas, solar water heating system, LED lights, solar inverters etc should be adopted.	Energy Conservation measures such as solar lighting for project boundary areas, LED lights in common areas, have been adopted. Photos showing use of solar lighting in project is enclosed as Annexure- IV

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VIII A report on energy conservation measures conforming to energy conservation norms finalized by Bureau of energy Efficiency should be prepared incorporating details about building materials and technology, R&U factors etc and submit a copy to ministry of Environment & Forests, Regional Offices, Chandigarh and DPCC in three months time with Intimation to SEIAA	incorporated in the design and building construction for conservation of energy.
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PART B. - GENERAL CONDITIONS

I	The environmental safeguards and monitoring schedule as contained in the EMP should be implemented in letter and spirit & there will be no departure from the final project proposal.	monitoring schedule as contained in the
II	The project proponent shall follow the revised Guidelines/criteria for Evaluation of proposals/Request for Ground water abstraction issued by Central Ground Water Authority (CGWA) vide letter no.21-4/Guidelines/CGWA/2012-4793 dated: 30.10.2012 which are in effect from 15.11.2012.	requirement was met by CSTP treated water and in operational phase demand of water is being met by Delhi International Airport Private Limited, hence there is no extraction of ground water. Water hill is enclosed as
III	Corporate Social Responsibility should be carried out as per action plan and budgetary provisions submitted to SEAC subject to a minimum of 0.4% of total project cost as one time expenditure and 0.08% of the project cost as recurring expenditure.	CSR plan is enclosed as Annexure- X.
IV	& Forests, Regional Office, Chandigarh and Delhi Pollution Control Committee,	We are abiding with rules and regulations. Six monthly Compliance report is also submitted to regional office of MoEF & CC and DPCC





Professional Control of the Control	implementation of environmental safeguards, should be given full cooperation to inspect the facilities and documents/data on site by the project proponents during their site inspection. A complete set of all the documents submitted to SEAC should be forwarded to Ministry of Environment & Forests, Regional Office, Chandigarh & DPCC. Six monthly monitoring reports should also be submitted to Ministry of Environment & Forests, Regional Office Chandigarh & to DPCC.	Receiving of submitted compliance in December 2016 is enclosed as Annexure-XI.
V	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEAC and the Consent to Establish/Operation from DPCC as well.	There is no change in the scope of the project.
VI	In Compliance to Hon'ble High Court's order dated 7 August, 2008, use sale and storage of all kinds of plastic bags shall be forbidden.	In hotel use of all kinds of plastic bags are forbidden.
VII	E-waste generated in the complex should be managed as per E-waste (Management and Handling) Rules, 2011 and disposed through approved e-waste recyclers.	E- Waste generated in the complex is managed as per E-waste (Management and Handling) Rules, 2016 and disposed through approved e- waste recyclers.
VIII	State Environmental Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including the revoking of the Environmental Clearance under the provisions of the Environmental (Protection) Act, 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	We are abiding with rules and regulations of State Environmental Impact Assessment Authority.

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IX	All other statutory clearances such as approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc shall be obtained, as applicable by project proponents from the respective competent authorities	All required approvals such as fire safety certificate, NOC from AAI regarding height clearance have already been obtained.
X	These stipulations would be enforced among others under the provisions of Water (Prevention and Control) Pollution Act, 1974, the Air (Prevention and Control) Act 1981, The Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, as amended to date.	All the stipulations are being complied.
XI	The Project Proponent should prominently advertise in at least two local Newspapers widely circulated in the region indicating that the project has been accorded Environmental Clearance and copy of clearance is available with the DPCC and may also be seen on the site of DPCC at http://www.dpcc.delhigovt.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter.	It has been done as per directions.
XII	The Project Proponent should submit copy of environmental Clearance to the Heads of local bodies, Panchayats and municipal bodies in addition to relevant offices of government who in turn has to display the same for 30 days from the date of receipt	It has been done as per the direction
XIII	The project proponent shall apply for amendment in EC, if there is change in building plan(s) & layout plan(s) by DUAC or any other authority after the grant of EC.	If there will be any change in the building plan/layout necessary application will be submitted.



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	XIV	Status of compliance to the various	It is uploaded on website.	
		stipulated environmental conditions and		
		environmental safeguards will be		
		uploaded by the Project Proponent on		
		its website.		
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