***COMPLAINCE REPORT***

**HALF-YEARLY COMPLIANCE (SESSION: APRIL 2019 TO SEPTEMBER 2019) OF STIPULATED ENVIRONMENTAL CONDITIONS/ SAFEGUARDS IN THE ENVIRONMENTAL CLEARANCE**

**REF.LETTER NO. SEIAA/HR/2018/605 DATED 15.06.2018**

**FOR “GROUP HOUSING” PROJECT**

**AT VILLAGE- SUKHRALI, SECTOR-28, DISTRICT- GURUGRAM, HARYANA.**

**BY**

**M/s SILVERGLADES INFRSTRUCTURE PVT. LTD.**

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| **S. No** | **Conditions** | | **Status of Compliance** | |
| **PART A - SPECIFIC CONDITIONS: Construction Phase:-** | | | | |
| 1. | “Consent for Establish” shall be obtained from Haryana State Pollution Control Board Under Air and Water act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site. | | | **Agreed.** “Consent for Establish” has been obtained from Haryana State Pollution Control Board Under Air and Water act. A copy of CTE has been submitted to the SEIAA, Haryana. Copy of CTE granted is enclosed as ***Annexure-I.*** |
| 2. | A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project. | | | **Agreed.** First Aid room will be provided for complete project duration of the project i.e. during the construction phase and operational phase of the project. |
| 3. | Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labors is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured. Efforts shall be made to provide the mobile STP for treatment of waste water during the construction phase. | | | **Agreed.** Adequate drinking water facility and Community toilets at construction site for workers will be provided. Provisions of mobile type toilets will be made. Open defecation by the labors and any staff will be strictly prohibited. The Wastewater generated during construction phase will be sent to septic tanks and solid waste will also reuse for landscaping and rest will be used in nearby construction site. |
| 4. | All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site. | | | **Agreed.** All the top soil excavated during early construction activities will be stored and will be used in horticulture/landscape development within project site. |
| 5. | The project proponent shall ensure that the building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighboring communities and should be disposed off after taking necessary precautions for general safety and health aspect of people, only in approved sites with the approval of competent authority | | | **Agreed.** Muck including excavated material during construction phase will be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority and will be taken into consideration that it will not create any adverse effects on the neighboring communities. |
| 6. | 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 the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board. | | | **Agreed.** Construction spoils including bituminous material and other hazardous materials will be stored separately and will not be allowed to contaminate water courses. The dump sites for such material will be secured so that it should not leach into the ground water. Materials will be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board. |
| 7. | The diesel generator sets to be used during construction phase should be of ultra-low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards. | | | **Agreed.** DG sets will be run by using ultra low sulphur diesel and will run on only with the provision of air and noise emission standards as per EPA rules. |
| 8. | 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. | | | **Agreed.** HDPE Drums will be used to store diesel for running DG sets and log books will be maintained for accountability. |
| 9. | Ambient noise levels shall 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 should be taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated residential standards of CPCB/MoEF. | | | **Agreed.** Ambient noise levels have been conformed to residential standards both during day and night. Pollution loads on the ambient air and noise quality will be closely monitored during construction phase and Shelter belt will be provided to reduce the noise level within the site. Lab reports are enclosed as ***Annexure- II.*** |
| 10. | Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 | | | **Agreed.** The construction agency will be using fly ash based material/ products for construction purpose as per the provisions of fly ash notification of September, 1999 and as amended on 27th August, 2003. |
| 11. | Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured. | | | **Agreed.** Storm water will be controlled and reuse as per Central Ground Water Board and BIS standards for various applications. |
| 12. | Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices. | | | **Agreed.** Premixed concrete, curing agents and other best practices will be carried out to reduce water demand during construction phase. |
| 13. | In view of severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/utility provider indicating source of water supply and quantity of water with details of intended use of water –potable and non-potable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and RO, MoEFCC Chandigarh before the start of construction. | | | The Source of water will be HUDA. The Water permissions for construction & operation phases have been obtained and are enclosed as ***Annexure- III.*** |
| 14 | Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material. | | | **Agreed.** Building materialhaving appropriate R & U values will be used in roofs to meet prescriptive requirement as per Energy Building Code. |
| 15. | Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement. | | | **Agreed.** As per Energy Conservation Building Code, materials having appropriate R & U Values will be used to meet prescriptive requirement of Opaque Wall. Energy Conservation Plan is attached as ***Annexure-IV.*** |
| 16 | The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipment’s, etc. as per National Building Code including protection measures from lightening etc. | | | **Agreed.** The approval of competent authority has been taken for structural safety of the building due to earthquake, adequacy of firefighting equipment’s etc. as per National Building Code including protection measures from lightening etc. The structural safety certificate is enclosed as ***Annexure-V.*** |
| 17 | Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency /savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MoEFCC, GOI, Chandigarh. | | | The Source of water will be HUDA. The Water permissions for construction & operation phases have been obtained and are enclosed as ***Annexure- III.***  The Water Efficiency/Savings Measures & Energy conservation measures are enclosed as ***Annexure-VI & IV.*** |
| 18 | The project proponent as stated in the proposal shall construct total 5 No’s rain water harvesting pits under expansion for recharging the ground water within the project premises. Rain Water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken that contaminated water do not enter any RWH pit. | | | **Agreed**. 5 number of Rain Water Harvesting pits will be proposed for artificial rain water recharge within the project premises. To remove Silt and floating matter, Desilting chamber will be proposed with Rain Water Harvesting Pits. A RWH Plan showing the location of RWH pits is attached as ***Annexure –VII.*** |
| 19 | The Project Proponent shall provide for adequate fire safety measures and equipment’s as required by Haryana Fire Service Act, 2009 and instruction issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required | | | **Agreed.** Adequate fire safety measures and equipment’s will be provided as required by Haryana Fire Service Act, 2009 and instruction issued by the local Authority/Directorate of fire from time to time. |
| 20. | The project proponent shall obtain assurance from the DHBVN for total supply of 4920.21 kW of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility. | | | **Agreed.** Acknowledgement for power supply application has been enclosed as ***Annexure-VIII (a).*** |
| 21. | Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA, Haryana before the start of construction. Provision shall be made for electrical infrastructure in the project area. | | | **Agreed.** Detail Calculation of power load of the project is enclosed as ***Annexure-VIII (b).*** |
| 22. | The Project proponent shall not raise any construction in the natural land depression/ Nallah/ Water course and shall ensure that the natural flow from the Nallah/ Water course is not obstructed. | | | **Agreed.** The project site does not contain any natural land depression Nallah/ Water course as well as no natural flow will be obstructed by the project. |
| 23. | The project proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project as per prescribed by laws. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding. | | | **Agreed.** The plinth level of the building block will be above the level of the approach road as prescribed by laws. Levels will be suitably maintained to avoid flooding. |
| 24. | Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana. | | | **Agreed.** Construction will be done as per Building Plan approved by Director General Town and Country Department Haryana. |
| 25. | The Project proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction. | | | **Agreed.** Ground water will not use in the construction phase of the project. Only treated water will be used for construction activity. The source of water for construction purpose is from HUDA and the NOC from HUDA for construction water is enclosed as ***Annexure-III.*** |
| 26. | The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area. | | | **Agreed.** Cutting of trees will not be done; only clearing of small bushes will be done as per required construction activity. |
| 27. | The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms | | | **Agreed.** ECBC norms will be followed |
| 28. | The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored materials to restrict dust and air pollution during construction. | | | **Agreed.** Barricade of sufficient height (3 meter) will be provided around the project area. It will be ensured that dust screen will be provided for every floor above the ground. Also, proper sprinkling and covering of stored materials to restrict dust and air pollution during construction will be provided. |
| 29. | The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains. | | | **Agreed.** A sedimentation basin will be constructed in the lower level of the project site to trap pollutant and other wastes during rains. |
| 30. | The project proponent shall provide proper Rasta of proper width and proper strength for each project before the start of construction. | | | **Agreed.** Proper Rasta of proper width and proper strength will be provided for this project before the start of construction. Site Plan earmarked road width is enclosed as ***Annexure –IX*** |
| 31. | The project proponent shall ensure that the U –value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration. | | | **Agreed.** Energy Conservation Plan is attached (Refer ***Annexure-IV).*** |
| 32. | The project proponent shall adequately control construction dusts like silica dust, non-silica dust, and wood dust. Such dust shall not spread outside project premises. The Project proponent shall provide respiratory protective equipment to all construction workers. | | | **Agreed.** Control of construction dusts like silica dust, non-silica dust, and wood dust will be ensured. Dust will not spread outside project premises. Respiratory protective equipment such as masks etc will be provided to all the construction workers. |
| 33 | The PP shall provide fire control room & fire officer for building above 30 meter as per National Building Code. | | | **Agreed.** Fire control room & fire officer for building above 30 meter as per National Building Code will be provided. |
| 34. | The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction | | | **Agreed.** Permission of Mines and Geology Department for excavation of soil will be taken before the start of construction. |
| 35. | The Project proponent shall provide one refuge area till 24 meter; one till 39 meter and one after 15 meter each asper National Building Code. The Project Proponent shall not convert any refuse area in the habitable space and it should not be sold out/ commercialized. | | | **Agreed.** |
| 36. | The Project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provisions of storm drainage and sewerage system including their integration with external services of HUDA/Local authorities beside other required services before taking up construction activity. | | | **Agreed.** Permission regardingtreatment of wastewater discharge from the project site will be obtained for the construction activity and external services will be provided through HUDA. |
| 37. | The PP shall discharge excess of treated waste water/storm water in the public drainage system & shall seek permission of HUDA before the start of construction. | | | **Agreed.** Before the start of construction, permission from HUDA for the excesstreated waste water/storm water discharge in the public drainage system will be obtained. |
| 38. | The project proponent shall maintain the distance between STP and Water supply line. | | | **Agreed.** |
| 39. | The project proponent shall ensure that the stack height is 6 meter more than the highest tower | | | **Agreed.** |
| 40. | The PP shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale. | | | **Agreed.** The structural stability to withstand earthquake of magnitude 8.5 on Richter scale will betaken care off before the start of construction. |
| 41. | Vertical fenestration shall not exceed 60% of total wall area | | | **Agreed.** |
| 42. | The project proponent shall submit the copy of fire safety plan duly approved by fire department before the start of construction | | | **Agreed.** |
| **OPERATIONAL PHASE:** | | | | |
| [a] | “Consent to Operate” shall be obtained from Haryana State Pollution Control Board Under Air and Water act and a copy shall be submitted to the SEIAA, Haryana. | | | **Agreed.** “Consent to Operate” will be obtained from Haryana State Pollution Control Board Under Air and Water act and a copy will be submitted to the SEIAA, Haryana. |
| [b] | The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP should be certified by an independent expert and a report in this regard should be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The PP shall remove not only Ortho-Phosphorus but total phosphorus to the extent of less than 2mg/ltr. Similarly total Nitrogen shall be less than 2mg/liter in tertiary treated waste water. Discharge of treated sewage shall conform to the norms and standards of HSPCB, whichever is environmentally better. Project proponent shall implement such STP Technology which does not require filter backwash. The project proponent shall essentially provide two numbers of STP’s preferably equivalent to 50% of total capacity or as per the initial occupancy as the case may be. | | | **Agreed.** During construction phase, sewage will be treated and disposed through septic tanks with soak pits. The sullage in operation phase will be treated up to tertiary level in a STP of 280 KLD capacity and the treated sewage will be reused for toilet flushing, DG cooling and horticulture. The rest of the treated water will be discharged nearby construction site. Dewatered/dried sludge generated from the STP plant will be used as manure for green belt development. |
| [c] | Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done ensuring that the recirculated water should have BOD level less than 10 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc. | | | **Agreed.** Grey and black water will be separated by the use of dual plumbing line. Recycled water will be used for flushing, gardening, cooling and rest will be used for nearby construction site. Dual Plumbing Plan has been enclosed as ***Annexure-X.*** |
| [d] | For disinfection of the treated waste water ultra violet radiation or ozonization process should be used. | | | **Agreed.** Treatment will be done in STP of 280KL capacity. UV treatment/ozonization process will be done for disinfection of treated waste water. |
| [e] | Diesel Power generating sets proposed as source of backup power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets should be in the basement as promised by the project proponent with appropriate stack height i.e. above the roof level as per the CPCB norms. The diesel used for DG sets should be of ultra-low sulphur diesel (0.05% of sulphur) ,instead of low sulphur diesel | | | **Agreed.** DG set is enclosed in acoustic enclosure & conform to rules made under the Environment (Protection) Act, 1986. The diesel used for DG sets is of ultra-low sulphur contents (maximum up to 0.25%). DG sets will be placed in basement. |
| [f] | Ambient Noise Level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed residential group housing project. | | | **Agreed.** Ambient Noise Level Baseline data is attached (refer ***Annexure- II****).* |
| [g] | The project proponent as stated in proposal shall maintain at least 25.24% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open space inside the project shall be preferably landscaped and covered with vegetation/grass, Herbs & shrubs Only local available plant species shall be used. | | | **Agreed.** 25.24% project area will be maintained as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species so as to provide protection against particulates and noise. The open spaces inside the plot will be preferably landscape and covered with vegetation/glass. LandscapePlan is attached as ***Annexure-XI.*** |
| [h] | The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data. | | | **Agreed**. The project proponent ensures to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduling irrigation only after checking evapo-transpiration data. |
| [i] | Rain water harvesting for roof runoff and surface runoff, as per plan submitted should be implemented. Before recharging the surface runoff, pretreatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rain water recharging shall be kept at least 5 m above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid Rain water Harvesting of first 10 minutes of rainfall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire Mess and filters should be used wherever required. | | | **Agreed.** Rainwater harvesting as per plan for roof run-off and surface run-off will be implemented. Suspended matter, oil and grease will be removed by treatment before recharging with surface run-off. The bore well for recharge will be kept at least 5 mts. above the highest ground water table. RWH plan is enclosed as ***Annexure VII.*** |
| [j] | The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority. | | | **Agreed**. Ground water level and its quality will be monitored regularly in consultation with Central Ground Water Authority & the same will be submitted. |
| [k] | A report on the energy conservation measures conforming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology; R & U factors etc. and submit to the SEIAA, Haryana in three months’ time. | | | **Agreed**. Report on energy conservation measure conforming to energy conservation norms finalized by BEE which will include details of building materials and technology, R & U factors etc will be submitted to the SEIAA, Haryana. |
| [l] | Energy conservation measures like installation of LED for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum extent possible for energy conservation. | | | **Agreed**. LED light will be used in common areas like lift, corridors, staircase, and service areas. Use of solar panels will be adapted to the maximum extent possible for energy conservation. |
| [m] | The project proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project proponent shall also provide halon free fire suppression system | | | **Agreed**. For insulation, refrigeration, air-conditioning and adhesive purpose, zero ozone depleting potential material will be used. Also halon free fire suppression system will be provided. |
| [n] | The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as amended from time to time. The bio-degradable waste should be composted by appropriate technology at the site earmarked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material. | | | **Agreed**. Collection and segregation of SWM will be done as per the requirement of the MSW Rules, 2016. An Organic Waste Converter will be installed at the project site. |
| [o] | The provision of the solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block. | | | **Agreed**. Solar water heating system will be installed as per norms specified by HAREDA and will be made operational in each building block. |
| [p] | The traffic plan and the parking plan proposed by the PP should be meticulously adhered to with further scope of additional parking for future requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be used. | | | **Agreed**. The traffic plan and the parking plan will be proposed and adhered with further scope of additional parking for future requirement. Parking will be fully internalized and no public space will be used. Traffic Circulation Plan is enclosed as ***Annexure-XII.*** |
| [q] | The project shall be operationalized only when HUDA/local authority will provide domestic water supply system in the area. | | | **Agreed**. Project will be run in operation only when HUDA will provide domestic water supply system in the area. |
| [r] | Operation and maintenance of STP, solid waste management and electrical infrastructure shall be ensured even after the completion of project | | | **Agreed**. Operation and maintenance of STP, solid waste management and electrical infrastructure will be maintained by an Environment Management Cell. |
| [s] | Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e waste, batteries & plastic rules made under Environment Protection Act, 1986.Particularly E-Waste and Battery waste shall be disposed of as per existing E Waste Management rules 2011 and Batteries Management Rules 2001.The project proponent should maintain a collection center for E Waste and it should be disposed of to only registered and authorized dismantler/recycler as per existing E Waste Management rules 2011 | | | **Agreed**. As per the Municipal Solid Wastes (Management and Handling) Rules, 2016, municipal solid waste will be disposed. Biomedical waste will not be generated by the project. Hazardous wastes will be handled as per the Hazardous Waste (Management and Handling) Rules 2016. E-waste will be taken care as per E-waste (management and Handling) rules 2016 and Plastic waste will be handled as per the Plastic waste (Management and Handling) Rules 2016. |
| [t] | Standards for discharge of environment pollutants as enshrined in various schedule of rule 3 of Environment Protection Rule 1986 shall be strictly complied with. | | | **Agreed**. All the required standard discharge will be followed for discharge of environment pollutants as enshrined in various schedule of rule 3 of Environment Protection Rule 1986. |
| [u] | The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of waste water treatment facilities. The Project proponent shall also identify acceptable outfall for treated effluent. | | | **Agreed**. It will be ensured that we will make provision for guard pond and other provisions for safety against failure in the operation of waste water treatment facilities & identify acceptable outfall for treated effluent. |
| [v] | The project proponent shall ensure that the stack height of DG Sets shall be more than the highest tower and also ensure that the emission standards of noise and air are within the CPCB latest prescribed limit. Noise and emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets. | | | **Agreed**. It will be ensured that the stack height of DG Sets will be more than the highest tower and will meet the emission standards of air and noise as per CPCB latest prescribed limit. Noise and emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets. |
| [w] | All electric supply exceeding 100 amps, 3 phases shall maintain the power factor between 0.98 lag to 1 at the point of connection. | | | **Agreed**. All electric supply exceeding 100 amps, 3 phases will be maintaining the power factor between 0.98 lag to 1 at the point of connection. |
| [x] | The project proponent shall minimize heat island effect through shading and reflective or previous surface instead of hard surface. | | | **Agreed.** |
| [y] | The project proponent shall not use fresh water for HVAC and DG cooling. Air based HVAC system should be adopted and only treated water shall be used by Project Proponent for cooling, if it is at all needed. The project proponent shall also use evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption. Further Temperature, relative humidity during summer and winter season should be kept at optimal level. Variable speed drive, best coefficient of performance (Cop) as well as optimal integrated point load value and minimum outside fresh air supply may be restored for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG sets. | | | **Agreed.** Fresh water will not be used for HVAC and DG cooling. Only treated water will be used instead of fresh water for HVAC and DG Cooling. Use of evaporative cooling technology and double stage cooling system for HVAC in order to reduce water consumption will be ensured. Coil type cooling DG Sets will be used for saving cooling water consumption for water cooled DG sets. |
| [z] | The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper .The project proponent shall obtain manufacturer’s certificate also for that. | | | **Agreed.** It will be ensured that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper as per latest available technique. Also manufacturer’s certificate for that will be obtained. |
| [aa] | Water supply shall be metered among different users & different utilities. | | | **Agreed.** Water supply will be metered among different users & different utilities. |
| [ab] | The project proponent shall ensure that exit velocity from the stack should be sufficiently high. Stack shall be designed in such a way that there is no stack down-water under any meteorological conditions. | | | **Agreed.** It will be ensured that exit velocity from the stack is sufficiently high. Stack will be designed in such a way that there is no stack down-water under any meteorological conditions |
| [ac] | The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to already suggested mitigation measures in the Air Environment Chapter of EMP. | | | **Agreed.** Water sprinkling system will be provided in the project area to suppress the dust in addition to already suggested mitigation measures. Environment Management Plan is attached as ***Annexure –XIII.*** |
| [ad] | The project proponent shall provide additional green area on terrace and roof top. | | | **Agreed.** We willprovide additional green area on terrace and roof top. |
| [ae] | The PP shall ensure proper Air ventilation & light system in the basements area for comfortable living of human being & shall ensure that number of Air Changes per hour/(ACH) in basement never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 must be provided by the PP. | | | **Agreed.** Air ventilation & light system in the basements area for comfortable living of human being will be ensured & the number of Air Changes per hour/ (ACH) in basement will never falls below 15. In case of emergency capacity for increasing ACH to the extent of 30 will be provided. |
| [af] | The project proponent shall install solar panel for energy conservation. | | | **Agreed.** Solar panel for energy conservation will be installed. |
| **PART-B GENERAL CONDITIONS** | | | | |
| [i] | | The Project proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between the two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment on the point shall be taken as commitment by project proponent. | **Agreed.** All safeguards mentioned in the Application will be implemented during the construction phase and will be implemented to the maximum possible extent. | |
| [ii] | | The PP shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of the monitored data (both in hard copies as well as by email) to the northern Regional Office of MoEF & CC, the respective Zonal Office of CPCB, HSPCB & SEIAA Haryana. | **Agreed.** Six monthly compliance reports will be submitted to Haryana State Pollution Control Board and Regional Office, MOEF & CC, GOI, Northern Region, Chandigarh and a copy to the SEIAA Haryana. | |
| [iii] | | STP Outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measures, if required without delay. | **Agreed.** STP Outlet after stabilization and stack emission will be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measures, if required without delay | |
| [iv] | | The SEIAA, Haryana reserves the right to add additional safeguard measure subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEFCC. | **Agreed.** | |
| [v] | | The Project proponent shall not violate any judicial orders/ pronouncements issued by Court/tribunal | **Agreed.** | |
| [vi] | | 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, PLPA, 1900, Forest Act, 1927 etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project | **Agreed.** All the required applicable clearances have been taken from the respective authority.  AAI, Aravalli clearance from DC, Forest NOC is enclosed as ***Annexure XIV, XV& XVI.*** | |
| [vii] | | The project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA, Haryana. A copy of Environment Clearance Conditions shall also be put on project proponent web site for public awareness. | **Agreed.** Advertisement informing the public, that project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the State Pollution Control Board & SEIAA, has been published in the local newspapers and attached as ***Annexure XVII.*** | |
| [viii] | | Under the provision of Environment (Protection) Act, 1986 legal action shall be initiated against the project proponent if it was found that construction of the project has been started before obtaining prior environment clearance. | **Agreed.** | |
| [ix] | | Any appeal against this Environment 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. | **Not Applicable.** | |
| [x] | | Corporate Environment and Social Responsibility Policy (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MOEF, GOI office Memorandum No. J-11013/41/2006-IA.II. (I) dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The Project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction. | **Agreed.** Corporate Environment Responsibility as mentioned in MOEF & CC, GoI Memorandum No. J- 11013/41/2006.II (I) dated 18.05.2012 will be justified soon. | |
| [xi] | | The fund ear marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/ RO MoEFCC, GoI under rules prescribed for Environment Audit. | **Agreed.** The fund earmarked for environment protection measures will be kept in separate account and will not be diverted for other purposes and year wise expenditure will be reported to the SEIAA/ RO MoEF & CC GoI under rules prescribed for Environment Audit. | |
| [xii] | | The project proponent shall ensure the compliance of Forests Department, Haryana Notification no. S.O 121/PA2/1900/S.4/97 dated 28.11.1997 | **Agreed.** The Forest NOC is enclosed as ***Annexure XVI.*** | |
| [xiii] | | The project proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid ‘Pollution Under Control’ certificate from competent authority | **Agreed.** It will be ensured that no vehicle during construction/operation phase enter the project premises without valid ‘Pollution Under Control’ certificate from competent authority. | |
| [xiv] | | Besides the developer/applicant ,the responsibility to ensure the compliance of Environmental Safeguards /conditions imposed in the Environmental Clearances letter shall also lie on the licensee/licensees in whose name/names the license /CLU has been granted by the Town and Country Planning Department ,Haryana | **Agreed.** | |
| [xv] | | The project proponent shall 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 Regional Office of MOEFCC, the respective Zonal office of CPCB and the SPCB. The Criteria pollutant levels namely; PM2.5, PM10, SOX, NoX, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrine, Aresenic and Nickel (Ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | **Agreed.** | |
| [xvi] | | The environmental statement for each financial year ending 31st March in Form-V as in mandated to be submitted by the project proponent to the HSPCB Panchkula as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of the EC conditions & shall also be sent to the respective Regional offices of MoEFCC by email. | **Agreed.** The E-status for each financial year will be submitted to the HSPCB, Panchkula. | |
| [xvii] | | The PP shall conduct environment audit at every three months interval & there after corrected measures shall be submitted in the monitoring report. | **Agreed.** Environment auditing at every three months interval will be done & there after corrected measures will be submitted in the monitoring report. | |
| [xviii] | | The Project Proponent shall seek fresh environmental Clearance in case any modification /revision is required at a later stage due to exchange of revenue rasta existing in the project area or change in any plan due to combined zoning plan. | **Agreed.** | |
| [xix] | | The validity of this Environmental Clearance Letter is valid upto 7 years from the date of issuance of EC letter. The Environmental Clearance condition applicable till life space project in case of Residential Project will continue to apply. The Resident Welfare Association/Housing Co-operative Societies shall responsible to comply conditions laid down in EC. In case of violation the action would be taken as per the laid down law of land. Compliance Report should be sent to this office till life of the project. | **Agreed.** | |
| [xx] | | If project is not completed within the validity period then the project proponent shall submit the application for extension of validity within one month before the lapse of validity period of Environmental Clearance i.e 7 Years. | **Agreed.** | |