

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HARYANA**  
**Bay No. 55-58, Prayatan Bhawan, Sector-2, PANCHKULA.**

No. SEIAA/HR/2013

444

Dated: 12-7-13

To

M/s Unitech Ltd.  
 L-Block, South City-1,  
 Gurgaon.

**Subject:** Environmental Clearance for proposed 3.370 Acres "Commercial Complex Project" at Sec-26, Gurgaon, Village-Sikanderpur Ghosi, Haryana.

Dear Sir,

This letter is in reference to your application no. Nil dated 19-11-2012 addressed to M.S. SEIAA received on 21-11-2012 and subsequent letter dated 14-12-2012 seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Form I-A & Conceptual Plan and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF, GOI vide their Notification 23.3.2012, in its meeting held on 11-02-2013 awarded "Gold" grading to the project.

[2] It is inter-alia, noted that the project involves the construction of 3.370 Acres "Commercial Complex Project" at Sec-26, Gurgaon, Village-Sikanderpur Ghosi, Haryana on a plot area of 13637.88 sqmt (3.37 acres). The total built up area shall be 41732.7 sqmt. The project will comprise 2 Blocks + 3 Basements + GF + 7 Floors, Offices and Retail. The maximum height of the building shall be 38.95 meters. The total water required shall be 342 KLD and the fresh water requirement shall be 153 KLD. The waste water generation shall be 210 KLD, which will be treated in the STP of 250 KLD capacity leading to zero exit discharge. The total power requirement shall be 1927 KW which will be supplied by DHBVN. The Project Proponent has proposed to develop green belt on 20.56% of project area (15.56% tree plantation + 5% landscaping). The Project Proponent proposed to construct 03 rain water harvesting pits. The solid waste generation will be 960 kg/day. The bio-degradable waste will be converted to compost in the project area and manure produced will be used for horticulture and green belt development. The total parking spaces proposed are 573 ECS.

[3] The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations have recommended the grant of environmental

clearance for the project mentioned above, subject to compliance with the stipulated conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 27-06-2013 decided to agree with the recommendations of SEAC to accord necessary environmental clearance for the project under Category 8(a) of EIA Notification 2006 subject to the strict compliance with the specific and general conditions mentioned below:-

**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.
- [2] A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project.
- [3] Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labourers is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- [4] All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the 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 of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- [6] Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses 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.
- [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.
- [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.
- [9] Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should

be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated residential standards.

- [10] Fly ash should be used as building material in the construction 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.
- [12] Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- [13] In view of the severe constraints 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, MOEF, Chandigarh before the start of construction.
- [14] Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [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.
- [16] The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.
- [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, MOEF, GOI, Chandigarh.
- [18] The Project Proponent shall construct 03 nos. rain water harvesting pits 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.

- [19] The Project Proponent shall provide minimum one hydraulic ladder of sufficient length for escape of people in case of fire.
- [20] The Project Proponent shall submit assurance from the DHBVN for supply of 1927 KVA 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.
- [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. Provisions shall be made for electrical infrastructure in the project area.
- [22] The Project Proponent shall obtain NOC from nearest fire station before the start of construction.
- [23] 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.
- [24] 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.
- [25] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.
- [26] 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.
- [27] The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.
- [28] 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.
- [29] 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 material to restrict dust and air pollution during construction.
- [30] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [31] The project proponent shall provide proper Rasta of proper width and proper strength for each project before the start of construction.

- [32] Vertical fenestration shall not exceed 40% of total wall area.
- [33] 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.
- [34] The project proponent shall submit NOC from Airport Authority regarding height clearance.
- [35] The project proponent shall adequately control construction dusts like silica dust, non-silica dust, wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.
- [36] The project proponent shall provide one refuse area till 24 meter as per National Building Code.
- [37] The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.
- [38] The project proponent shall again workout water supply requirement for domestic and flushing as per norms of commercial projects. The project proponent shall submit revised water balance diagram.
- [39] The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.
- [40] The Project Proponent shall submit revised power back up calculations with respect to DG set capacity before the start of construction.
- [41] The Project Proponent shall provide solar panel at the rooftop of the building.
- [42] The project proponent shall submit proper certificate regarding non-applicability of Aravali Notification before the start of the construction.

**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.
- [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. Discharge of treated sewage shall conform to the norms and standards of HSPCB, Panchkula. Project Proponent shall implement such STP technology which does not require filter backwash.
- [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 re-circulated 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.

- [d] For disinfection of the treated wastewater ultra-violet radiation or ozonization process should be used.
- [e] The solid waste generated should be properly collected and segregated. Bio-degradable waste shall be decomposed at site and dry/ inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.
- [f] Diesel power generating sets proposed as source of back-up 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 ultra low sulphur diesel (0.05% sulphur), instead of low sulphur diesel.
- [g] 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 Commercial Complex.
- [h] The project proponent should maintain at least 20.56% 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 particulates matter. The open spaces inside the project should be preferably landscaped and covered with vegetation/grass, herbs & shrubs. Only locally available plant species shall be used.
- [i] 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.
- [j] Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. 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 rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mesh and filters should be used wherever required.
- [k] The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.

- [l] 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 utilized.
- [m] A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the SEIAA, Haryana in three months time.
- [n] 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 energy conservation.
- [o] 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.
- [p] 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 vermi-composting at the site ear-marked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- [q] 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.
- [r] The traffic plan and the parking plan proposed by the Project Proponent 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.
- [s] The Project shall be operationalized only when HUDA/public authority will provide domestic water supply system in the area.
- [t] Operation and maintenance of STP, solid waste management and electrical Infrastructure, pollution control measures shall be ensured even after the completion of sale.
- [u] 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.

- [v] Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.
- [w] The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.
- [x] The project proponent shall ensure that the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standards of noise and air are within the CPCB prescribed limits. Noise and Emission level of DG sets greater than 800 KVA shall be as per CPCB latest standards for high capacity DG sets.
- [y] All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.
- [z] The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.
- [aa] The project proponent shall use only treated water instead of fresh water for HVAC and DG cooling. 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 seasons should be kept at optimal level. Variable speed drive, best Co-efficient of Performance, as well as optimal integrated point load value and minimum outside fresh air supply may be resorted for conservation of power and water. Coil type cooling DG Sets shall be used for saving cooling water consumption for water cooled DG Sets.
- [ab] 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.
- [ac] Water supply shall be metered among different utilities.
- [ad] 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.

#### **PART-B. GENERAL CONDITIONS:**

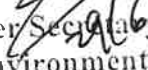
- [i] The Project Proponent shall ensure the commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguards are complied with in letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitment on the point shall be taken as commitment by project proponent.



- [ii] Six monthly compliance reports should be submitted to the HSPCB and Regional Office, MOEF, GOI, Northern Region, Chandigarh and a copy to the SEIAA, Haryana.
- [iii] Noise, STP outlet and stack emission shall be monitored daily. Other environmental parameters shall be monitored on monthly basis. After every 3 months the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.
- [iv] The SEIAA, Haryana reserves the right to add additional safeguard measures 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 10 satisfaction of SEIAA/MoEF.
- [v] The Project proponent shall not violate any judicial orders/pronouncements issued by any Court/Tribunal.
- [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, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.
- [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 Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date 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's web site for public awareness.
- [viii] Under the provisions 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 Environmental Clearance.
- [ix] Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- [x] The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GoI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012 within 3 months period. Latest Corporate Environment Policy should be submitted to SEIAA within 3 months of issuance of this letter.
- [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 MoEF GoI under rules prescribed for Environment Audit.

- [xii] The Project Proponent shall obtain NOC under Aravalli Notification from CEC of Hon'ble Supreme court regarding coverage under Aravalli Notification before start of construction.
- [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.
- [xiv] The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent can not absolve himself /herself of the responsibility by shifting it to any contractor engaged by project proponent.
- [xv] The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.


  
 Member Secretary,  
 State Level Environment Impact  
 Assessment Authority, Haryana, Panchkula.

Endst. No. SEIAA/HR/2013

Dated:.....

A copy of the above is forwarded to the following:

1. The Additional Director (IA Division), MOEF, GOI, CGO Complex, Lodhi Road, New Delhi.
2. The Regional office, Ministry of Environment & Forests, Govt. of India. Sector 31, Chandigarh.
3. The Chairman, Haryana State Pollution Control Board, Pk1.

  
 Member Secretary,  
 State Level Environment Impact  
 Assessment Authority, Haryana, Panchkula

**“Commercial Complex Project” (3.370 Acres) village-  
Sikanderpur Ghosi, Sector-26, District- Gurgaon.  
Haryana**

**6<sup>th</sup> SIX-MONTHLY ENVIRONMENTAL COMPLIANCE  
REPORT**

**Octobe’2015 to March’-2016**

**Developed by  
M/s Unitech Ltd**

**Ref:/UL: Compliance/SEIAA/3.370 acre/2305/2016**

**Date: 23.05.2016**

**To,  
The Director(S)  
Northern Regional Office,  
Ministry of Environment & Forests  
Bays No.24-25, Sector-31-A  
Dakshin Marg, Chandigarh -160030**

**The Chairman,  
Haryana State Pollution Control Board,  
C-11, Sector 6, Panchkula, Haryana – 134109**

**The Member Secretary,  
SEIAA, Bays No. 55-58, Paryatan Bhawan,  
Sector – 2, Panchkula, Haryana-134109**

**Subject: Submission of 6<sup>th</sup> of six monthly compliance report (with soft copy in CD) for monitoring of implementation of conditions laid down in Environmental Clearance letter No. SEIAA/HR/2013/444 dated 12.07.2013 issued for our "Commercial Complex Project" (3.370 Acres) village- Sikanderpur Ghosi, Sector-26, District- Gurgaon. Haryana by M/s Unitech Ltd.**

Dear Sir,

In reference to the above mentioned subject, please find enclosed herewith the 6<sup>th</sup>, six monthly compliance report (with soft copy in CD) as per the guidelines given in Environmental Clearance letter No. **SEIAA/HR/2013/444 dated 12.07.2013**, "Commercial Complex Project" (3.370 Acres) village- Sikanderpur Ghosi, Sector-26, District- Gurgaon. Haryana by M/s Unitech Ltd.

Hope, you will find the information in order and will meet your expectations to assess the implementation status of environmental safeguard measures for the project.

Thanking you,

With Regards,

**For Unitech Limited,**



**Authorized Signatory**

**Enclosed: EC Compliance Report along with all relevant annexure (With Soft Copy in CD)**

**Compliance report against Environmental Clearance from SEIAA,  
Commercial Complex Project ( 3.370 Acres) village Sikanderpur  
Ghosi, Sector-26, Tehshil and District Gurgaon, Haryana by  
M/s Unitech Limited.**

S.no	Compliance conditions	Compliance status
		Remarks
<b>PART A - SPECIFIC CONDITIONS</b>		
<b>I</b>	<b>CONSTRUCTION PHASE</b>	
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.	Yes, Project Proponent (PP) has obtained "Consent to Establish" (NOC) from Haryana State Pollution Control Board for the said project. Please find enclosed NOC certificate as <b>Annexure I</b> for ready reference.
2.	A First Aid Room as proposed in the project report shall be provided both during construction and operational phase of the project.	Adequate first Aid facilities are ensured at the project site both during construction and operational phase of the project.
3.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the laborers is strictly prohibited. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Presently project at construction phase and providing adequate facilities in regard to drinking water, sanitation and solid waste management at the project site.  Currently 120 Nos.(Approx) labors engaged in construction at project sites. Please find tanker water challan as <b>Annexure II</b> for your ready referance.
4.	All the top soil excavated during construction must be stored for use in horticulture/landscape development within the project site.	Yes, the fertile top soil excavated during the construction will be stored and be used later for horticulture/landscape development within the 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 aspects of people only in approved sites with the approval of competent authority.	The excavated fertile top soil will stored for future landscaping and most of the excavated material will be used for backfilling.  The site safety and health aspects measures will be implemented as per our Standard Operation Plan for Environment & Health enclosed for reference previous 4 <sup>th</sup> EC Compliance. ENVIRONMENTAL MANAGEMENT PLAN as <b>Annexure III</b>

6.	Construction spoils including bituminous material must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the groundwater 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.	As such no hazardous/ bituminous material will be used in construction activity. All possible precautions will be taken to prevent contamination of groundwater/leaching if any.
7.	The diesel generator sets to be used during the construction phase should be of ultra low sulphur diesel type and should conform to E(P) Rules prescribed for air and noise emission standards.	<p>D.G. sets being used in the construction phase will be as per Environment (Protection) Rules for air and Noise emission standard. HSD/ market available diesel shall be used in D.G. sets.</p> <p>The D.G. sets will be operated only during power failure periodically for construction activities on need basis and will be used during daytime only as the construction activities at the project site take place mainly from 6 a.m. to 6 p.m.</p> <p>Regular six monthly monitoring of Ambient air quality and noise are carrying out by MoEF approved Lab where directly/ indirectly we will monitor the D.G. sets with respect to pollution. Please find enclosed Environmental monitoring report as <b>Annexure IV</b> for ready reference.</p>
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.	All the required clearance will be taken from Chief Controller of Explosives before the operation of the project and submit to your office for your necessary records.
9.	Ambient noise levels should conform to 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.	<p>Available best construction practices to be followed to take care of the Environment.</p> <p>Regular six monthly monitoring of Ambient air quality and noise are carrying out by MoEF approved Lab. Please find enclosed Environment monitoring report as <b>Annexure III</b> for ready reference.</p>
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	Yes, PP will be used Fly ash as building construction material

	August, 2003.	
11.	Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.	Storm water control and its re-use will be as per CGWB and BIS standards. Kindly refer the dual plumbing plan attached as <b>Annexure-V</b> .
12.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	Yes, pre-mixed concrete will be used to reduce the water demand during the construction phase of the project.
13.	In view of the 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, MoEF, Chandigarh before the start of construction.	Presently our project in construction phase where we will be using STP treated water for construction activity. Labor and office staff drinking water requirement full filling through tanker supply. Please find enclosed tanker water challan copy as <b>Annexure II</b> for your ready reference
14.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	All the roofs will be designed as per ECBC norms and will be insulated to minimize heat gain.
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.	Yes. The project is being developed according to ECBC norms.
16.	The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of firefighting equipment etc. as per National Building code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority	The said project doesn't fall under forest land. PP has already applied for the NOC against Aravali Notification, 1992 and PLPA 1900 and Forest NOC to The Deputy Commissioner (DC), Gurgaon.  Unit have obtained Environmental clearance & NOC from competent authority.
17.	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan.	The planning of the project has been done keeping in mind the following measures for water efficiency/ saving savings measures as well as water reuse/recycling on the

	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 R.O., MoEF, GOI, Chandigarh.	<p>completion of the project:</p> <ul style="list-style-type: none"> <li>• Cisterns will be of 3-5 Lt. Capacity.</li> <li>• There will be use of ultra low flush toilets, low-flow showerheads of discharge 5 L/min. in place of 11 L/min.</li> <li>• There will be installation of retrofit devices on faucets to reduce flow</li> <li>• There will be installation of water displacement devices in toilet tanks to reduce flow.</li> <li>• The treated water from STP shall be reused for flushing, cooling, gardening and misc. purposes.</li> </ul>
18.	The project proponent shall construct 03 nos. of rain water harvesting 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 shall be provided. Care shall also be taken that contaminated water do not enter any RWH pit.	Yes, 03 nos. of Rain Water Harvesting pits shall be constructed within the project premises. Desalting tanks will be provided to remove silt and other floating impurities from rainwater before the water enters the harvesting pit. Proper maintenance shall be provided for the smooth working of the rain water harvesting pits and all necessary precautions shall be undertaken so that contaminated water does not enter any RWH pit. Please refer <b>Annexure-VI</b> for RWH pit schematic diagram.
19.	The project proponent shall provide minimum one hydraulic ladder for sufficient length for escape of people in case of fire.	We shall follow the relevant codes as per National Building Code (NBC), 2005 Vol-IV for fire safety.
20.	The Project Proponent shall submit assurance from DHBVN for supply of 1927 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.	We have already obtained permission from DHBVN for supply of power for our project sites activity. Please find enclosed electricity permission as <b>Annexure VII</b> for ready reference.
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. Provisions shall be made for electrical infrastructure in the project area.	We have already submitted the detailed calculation of power load and ultimate power load of the project to DHBVN in first compliance as Annexure-IX.
22.	The Project Proponent shall obtain NOC from nearest fire station before the start of construction	PP already applied for Fire NOC of the project to the Commissioner, Municipal Corporation Gurgaon (MCG) as per fire & safety guidelines for providing NOC from our nearest fire station. PP applied to the Commissioner, MCG as the fire station



		was not accepting the Fire NOC application as per their rules. In this regard unit submitted covering letter in first compliance of project as Annexure-X.
23.	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.	There is no Nallah/water course existing in our project area.
24.	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 Project shall also be kept suitably so as to avoid flooding.	We shall comply with the said condition. Properly designed drainage system for domestic as well as storm water shall be provided to prevent Flooding.
25.	Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana	Yes, the density of will not exceed norms approved by Director General Town and Country Department Haryana.
26.	The project Proponent shall submit an affidavit with the declaration that groundwater will not be used for construction and only treated water would be used for construction.	Yes, we shall only use STP treated water for construction and groundwater shall not be utilized for construction activities. In this regards unit submitted affidavit copy as Annexure-XI.
27.	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green areas.	There are no trees existing at the project site.
28.	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.	<p>The following energy conservation measures are proposed for the project on completion:</p> <p><u>Energy Conservation Measures for Electrical &amp; Lightening</u></p> <ul style="list-style-type: none"> <li>• Energy efficient motors to be used as per ECBC norms</li> <li>• Installation of Green Compact Florescent Lamps (CFLs) in place of incandescent lamps in places like corridors/ building entrances.</li> <li>• Use of Servo stabilizers for Lighting Feeder Pillars which will control voltage and hence optimize the power consumption.</li> <li>• Installation of LED panel indicator lamps in place of filament lamps.</li> </ul> <p><u>Energy Saving Measures for D.G. Cooling &amp; Basement Ventilation</u></p> <ul style="list-style-type: none"> <li>• Cooling towers to be Counter flow</li> </ul>

		<p>Cooling Towers which consumes less power than cross flow cooling towers</p> <ul style="list-style-type: none"> <li>• Cooling Towers to have minimum drift losses to 0.003%-0.001%.</li> <li>• Cooling Tower fans to have variable speed controls.</li> <li>• Use of Fiber Reinforced Plastic (FRP) hollow blades in place of metallic blades. FRP hollow blades help to save 20%- 30% of energy as they are light in weight.</li> <li>• Basement car park exhaust system to be equipped with CO (Carbon Monoxide) sensors so that exhaust fans can operate as per the CO levels.</li> </ul>
29.	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 material to restrict dust and air pollution during construction.	<p>To restrict dust and air pollution during construction the following measures will be undertaken:</p> <ul style="list-style-type: none"> <li>• All the loose material either stacked or transported shall be provided with suitable covering;</li> <li>• Water sprinkling through tanker and other facility to be done at the location where dust generation is anticipated;</li> </ul>
30.	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Yes, PP will construct the necessary sedimentation basin in the project area if required for trapping project site pollutant and other wastes during rainy season.
31.	The project proponent shall provide proper Rasta of proper width and proper strength for each project before the start of construction.	The proposed project is on a small 3.370 acres single piece of land. Appropriate road is already available for in & out movement of construction materials and construction related vehicles.
32.	Vertical Fenestration shall not exceed 40% of total wall area.	Yes, PP shall take care of the said condition in the design of the project
33.	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.	Yes, PP will comply with said condition.
34.	The project proponent shall submit NOC from Airport Authority regarding height clearance.	PP has already obtained the Height Clearance from Airport Authority of India (AAI) and submitted in first compliance as Annexure-XIII.
35.	The project proponent shall adequately control construction dusts like silica dust,	To minimize the impact of the dust generated during construction activities the

	non silica dust, wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	<p>following measures will be adopted:</p> <ul style="list-style-type: none"> <li>• All the loose material either stacked or transported shall be provided with suitable covering;</li> <li>• Water sprinkling shall be done at the location where dust generation is anticipated;</li> <li>• Proper masks shall be provided to workers who will be engaged in dust generation activity;</li> </ul>
36.	The project proponent shall provide one refuse area till 24 meter as per National Building Code	PP will follow all the necessary & relevant provisions of the National Building Code for the proposed commercial building. Accordingly PP shall take the Fire scheme Approval during construction and after completion of the project before operation as per the existing above mentioned fire & safety guidelines from the competent authority.
37.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	The PP shall follow the relevant codes as per National Building Code (NBC), 2005 Vol -IV for fire safety.
38.	The project proponent shall again workout water supply requirement for domestic and flushing as per norms of commercial projects. The project proponent shall submit revised water balance diagram.	<p>Presently project in construction phase where drinking water demand, sanitation and other potable water requirement full filling through tanker and package water supply. Please find enclosed tanker water challan as <b>Annexure II</b>.</p> <p>Unit already obtained HUDA assurance for drinking water supply line in operation phase, assurance letter have been enclosed first compliance of project as <b>Annexure IV</b>.</p>
39.	The project proponent shall obtain permission of Mines and Geology department for excavation of soil before the start of construction.	Unit has been obtained mining permission from statutory body. Please find enclosed mining permission as <b>Annexure VIII</b> for your ready reference.
40.	The project proponent shall submit revised power back up calculations with respect to DG set capacity before the start of construction.	Unit has been obtained electricity permission from DHBVN. Please find electricity permission as <b>Annexure VII</b> for your ready reference.
41.	The project proponent shall provide solar panel at the rooftop of the building.	We will adhere with stipulated condition and However, in planning stage itself the PP will ensure that energy conservation/efficiency measures are adopted for reducing the building energy

		consumption.
42.	The project proponent shall submit proper certificate regarding non-applicability of Aravali Notification before the start of the construction.	PP has obtained the NOC from concerned Tehsildar stating that the project area does not fall under reserved forest/ protected forest and Section 4 & 5 of PLPA, 1900. Please refer in first compliance as Annexure-XVI for the NOC from the Tehsildar.
<b>II</b>	<b>OPERATIONAL PHASE</b>	
[a]	Consent to operate shall be obtained from Haryana State Pollution Control Board under Air and Water Act and copy shall be submitted to SEIAA.	Yes, After the completion of the construction activities of the project PP will go for the consent to operate form the Haryana State Pollution Control Board for the commissioning of the project.
[b]	The sewage treatment plant (STP) shall be installed for the treatment of sewage to the prescribed standard including odour and treated effluent will be recycled to achieve to zero exit discharge. The installation of STP should be certified by an independent expert and report in this regard should be submitted to SEIAA, Haryana before the project is commissioned for operation, tertiary treatment of waste water is mandatory. Discharge of treated sewage shall conform to the norms and standards HSPCB. Panchkula project proponent shall implement such STP technology which does not require filter backwash.	<p>The total water requirement for the project is 342 KLD of which fresh water requirement is 153 KLD, total waste water discharge will be 210 KLD which will be treated through adequate capacity of STP i.e. 250KLD. The treated water approx 189 KLD generated from the STP will be further recycle in flushing, cooling and horticulture which maintain zero discharge.</p> <p>After the installation of the STP we will submit structural &amp; Operational design adequacy with tertiary treatment facility to your office certified through independent expert.</p>
[c]	Separation of gray 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 re-circulated water should have BOD level less that 10 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc.	Dual plumbing line system for separation of grey water and black water shall be provided. All the waste water generated from the project will be further treated through the adequate capacity STP of SAFF technology plant and utilized for recirculation in flushing, gardening and DG cooling with maintaining less BOD (< 10 mg/l) level.
[d]	For disinfection of the treated waste water ultra violet radiation or ozonization process should be used.	For disinfection of the treated waste water ultra violet radiation or ozonization will be used as per requirement of the project.
[e]	The solid waste generated should be properly collected and segregated. biodegradable waste shall decomposed at site and dry/inert solid waste should be dispose off to approved sites for land filling after recovering recyclable material.	Unit will be providing efficient way of manage solid waste through different colour bin and precautionary handed over to CPCB/HSPCB authorized vendor which having best technology for management. Organic Waste : Approx. 576 Kg/day (Green Bin)

		<p>Facility for conversion of organic waste in to manure will be developed at the project site/or handed over to the approved vendor for conversion. These manure will be further utilized for the horticultural activities of the project</p> <p>Inorganic waste (recyclable items) :Approx. 384 Kg/day (Blue Bin)</p> <p>Will be handed over to the approved vendor by DC for further recycling and final disposal at HSPCB landfill site.</p> <p>Used oil generated from the D.G sets: Approx 6 l/day</p> <p>Waste oil will be collected in leak proof containers at isolated place and then it will be given to approved vendor of CPCB/HSPCB as per hazardous waste (Management, Handling &amp; transboundary Movement) Rules,2008, amended till date</p>
[f]	<p>Diesel Power generating sets proposed as source of backup power for lifts, common area illumination and for domestic use should be enclosed type and conform to rules made under environment (protection) act 1986. The location of the DG set should be in basement as promised by the project proponent with appropriate stack height above the roof level as per the CPCB norms. The diesel used for DG sets should be ultra low sulphur diesel (0.05%) instead of low sulphur diesel.</p>	<p>DG set location will be provided in basement with proper anti vibration pad, acoustic enclosure/room and adequate stack height as per CPCB norms and for Air pollution prevention will use HSD/ market available diesel.</p> <p>Unit will proposed D.G (3 x1250 Kva &amp; 1x 500 Kva) sets as per proposed plan for power backup to lifts, common area and emergency purpose under Environment (Protection) Act 1986.</p>
[g]	<p>Ambient noise level should be controlled to ensure that it does not exceed the prescribed standard both within and at boundary of the proposed commercial complex.</p>	<p>Yes, PP will take care of the said stipulated conditions. All the D.G sets proposed for the project will be installed at the basement area of the project with proper anti vibration pad, acoustic enclosure/room to control the noise level within the prescribe standards. However, adequate landscaping with broad canopy area will be provided at the peripheral area of the project for controlling unnecessary noise level in prescribed standard both within and at boundary of Project. Please find enclosed monitoring report as <b>Annexure IV</b>.</p>
[h]	<p>The project proponent should maintain the least 20.56% as green cover area for tree plantation especially all around the periphery of the project and on the road</p>	<p>Yes, the green cover area for tree plantation especially all around the periphery of the project and on the road side will be developed as per our submitted</p>

	side preferably with local species which can provide protection against noise and suspended particulate matter. The open space inside the project should be preferable landscape and covered with vegetation/grass, herbs & shrubs. Only local available plant species should be used.	Landscape plan to committee. Where we are proposing 20.56% of total plot area for the green development (2.75% Grass, herbs & Shrubs, 2.51% water body & 15.3% Trees). The open space inside the project will be preferable landscape and covered with vegetation/grass, herbs & shrubs
[i]	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native, xeriscaping and mulching, utilizing efficient irrigation system scheduling, and irrigation only after checking evaporation data.	Unit will be providing adequate landscaping and minimizing water in irrigation through for utilizing efficient irrigation system scheduling.
[j]	Rain water harvesting for roof runoff and surface runoff, as per plan submitted should be implemented. Before recharging the surface run off, pre treatment through sedimentation tanks must be done to remove suspended matter, oil & grease. The bore well for rain water recharging shall be kept at least 5 mtrs above the highest ground water table. Care shall be taken that contamination water do not enter any RWH pit. The project proponent shall avoid rain water harvesting of first 10 min of rain fall. Roof top of the building shall be without any toxic material or paint which can contamination rain water, wire mess and filter should be used wherever required.	Unit will be implementing 3 RWH pits as per submitted plan in committee with adequate capacity and height form current water table for prevention of contamination through roof runoff and surface run off instead of this also providing desilting chamber before RWH pits for removing all unnecessary suspended mater and oil grease.
[k]	The ground water level and quality should be monitored regularly in consultation with central ground water Authority.	The proposed project site is not having any existing bore well. And the proposed project does not require/ is not planning to take any approval of tube well from Central Ground Water Authority. In the Operation phase, HUDA water supply will be available. For the above said reason monitoring of groundwater level and quality will not be practically feasible.
[l]	There should be no traffic congestion near the entry and exit points from the road adjoining the proposed project site. Parking should be fully internalized and no public space should be utilized.	Proper traffic circulation plan with separate entry and exits will be provided at the project site to avoid the traffic conjunction. As per our submitted plan approximately 573 ECS parking will be proposed for the project with 20% extra visitors parking therefore no public place will be utilized. Details are enclosed in first EC compliance as <b>Annexure-XVII</b> .

[m]	A report on the energy conservation measure conforming to energy conservation norms finalized by Bureau of Energy efficiency should be prepared incorporating detail about building material & technology, R & U factor etc and submitted to SEIAA, Haryana in three months times.	PP will take care of Energy conservation through ECBC .Building material proposed with R & U values and quantification of energy saved and energy conservation measures is enclosed in first EC compliance as Annexure-XII.
[n]	Energy conservation measure 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 maximum energy conservation.	Energy conservation measure like installation of CFL/LED for lighting the areas outside the building will be provided as an integral part of the project design and Dual Lighting system will be provided in common areas are completion of the whole project.
[o]	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.	Yes, PP will adhere to the said condition
[p]	The solid waste generated should be properly collected and segregated as per the requirement of the MSW rule, 2000 and as amended from time to time. The biodegradable waste should be composed by vermi composting at site ear marked within the project area and dry /inert solid waste should be disposed off to the approved site for land filling after recovering recyclable material.	Unit will provide different colour of bin for manage/segregate of generated solid waste as per MSW rule 2000, amendment 2008.
[q]	The provision of solar water heating system shall be as per norms specified by HAREDA and shall be made operational in each building block.	Being a Commercial complex project applicability of solar water heaters is not required. However, in planning stage itself the PP will ensure that energy conservation/efficiency measures are adopted for reducing the building energy consumption.
[r]	The traffic plan and parking plan proposed by the project proponent 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.	Proper traffic circulation plan with separate entry and exits will be provided at the project site to avoid the traffic conjunction. As per our submitted plan approximately 573 ECS parking will be proposed for the project with 20% extra visitors parking therefore no public place will be utilized. Details are enclosed in first EC compliance as Annexure-XVII.

[s]	Project shall be operationalized only when HUDA/public authority will provide domestic water supply system in the area.	PP has already obtained the assurance letter from HUDA for domestic water supply for the operational phase of the project. Details are enclosed in first EC compliance as Annexure-IV.
[t]	Operation and maintenance of STP, solid waste management and electrical infrastructure. Pollution control measure shall be ensured even after the completion of sale.	Yes, PP will take care of the said stipulated condition of the environment clearance letter. Due care will be taken for the operation and maintenance of STP, solid waste management, electrical infrastructure and pollution control measure even after the completion of sale.
[u]	Different type of waste should be disposed off as per provision of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rule made under Environment Protection Act 1986. Particularly E-waste and batteries waste shall be disposed of as per existing E-waste management rule 2011 and batteries management rule 2001. The project proponent should maintain a collection centre for E-waste and it should be disposed of to only register authorized dismantler/recycler.	<p>The proposed project is commercial complex which will not be generating any kind of biomedical waste and hazardous waste except of DG used oil which will be properly handed over to CPCB/HSPCB/MoEF approved vendor.</p> <p>The general practice is that the Electronics &amp; Battery Manufacturers have take back services for the E-waste &amp; Battery waste. However, in our Rent/Lease/ Sale agreement we shall have a clause wherein the E-waste &amp; Battery waste generated by the various companies/offices operating in the proposed project will be handled by the respective companies/offices themselves. They shall dispose the waste as per the existing E-waste management rule 2011 and batteries management rule 2001.</p>
[v]	Standard of discharge of environmental pollution as enshrined in various schedule of rule 3 of environment protection act 1986 shall be strictly complied with.	PP will provide all adequate controlling measures for discharge of environmental pollution as enshrined in various schedule of rule 3 of environment protection act 1986 as far as applicable and technically feasible of compliance. Please find enclosed six monthly monitoring reports as <b>Annexure IV</b> for your ready reference.
[w]	The project proponent shall make provision for guard pond and other provision for safety against failure in the operation of waste water treatment facility the project proponent shall also identify acceptable outfall for treatment facilities. The project proponent shall also identify acceptable outfall for treated effluent.	Agreed, unit will be adhering with provided stipulated condition.
[x]	The project proponent shall ensure that	Unit will be installing D.G (3 x1250 Kva &



	the stack height of DG sets is as per the CPCB guide lines and also ensure that the emission standard of noise and air are within the CPCB prescribed limits. Noise and emission level of DG sets greater than 800 Kva shall be as per CPCB latest standard for high capacity DG sets.	1x 500 Kva) set as per proposed plan for power backup with adequate stack height as per CPCB norms simultaneously unit will also control noise by acoustic enclose/room which full fill CPCB prescribed limit as well as latest standard for high capacity DG sets. Please find enclosed six monthly monitoring reports as <b>Annexure IV</b> for your ready reference.
[y]	All electric supply exceeding 100 amps, 3 phases shall maintain the power factor between 0.98 lag to 1 at the point of connection.	Unit will be providing highly efficient DG set for power back which providing 0.98 lag to 1 at point of connection with 0.85 lag of alternator for electrical supply exceeding 100 amps, 3 phases.
[z]	The project proponent shall minimize heat island effect through shading and reflective or previous surface instead of hard surface.	Building material with adequate U & R values will be proposed for minimizing heat island effect through shading and reflective or previous surface instead of hard surface.
[aa]	The project proponent shall use only treated water instead of fresh water for HVAC and DG cooling, the project proponent shall also use evaporation cooling technology and double state 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 co efficient of performance as well as optimal integrated point load value and minimum outside fresh air supply may be resorted for conservation of power and water. Coli type cooling DG sets shall be used for saving cooling water consumption for water cooled DG sets.	Approximately 189 KLD of treated water will be generated from the sewage treatment plant which will be further utilized in Flushing, HVAC and Horticulture purpose. Dual plumbing line network for water conservation unit proving induced draft cooling tower which having variable speed and taking low power for cooling as well as recycling of water in coil type Cooling system in DG set for saving of water in DG set cooling.
[ab]	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.	Before purchasing of transformer from the manufacture manufacturer's certificate will be obtain to ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper.
[ac]	Water supply shall be metered among different utilities.	Water meter at every necessary place for knowing about water quantity in project area as well as in STP Inlet and outlet for consumption will be provided by the project proponent.

[ad]	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.	PP will provide adequate stack height and designed as Indian Standard code for iso - kinetic flow.
------	--	--

	<b>PART-B- GENERAL CONDITIONS</b>	
<b>S.NO.</b>	<b>COMPLIANCE CONDITIONS</b>	<b>COMPLIANCE STATUS</b>
i	The project proponent shall ensure that commitments made in Form-1, Form-1A, EIA/EMP and other documents submitted to the SEIAA for the protection of environment and proposed environmental safeguard are complied within letter and spirit. In case of contradiction between two or more documents on any point, the most environmentally friendly commitments on the point shall be taken as commitment by project proponent.	The Environmental safeguards contained in Form-1, /Form-1A, EMP and environmental clearance letter will be implemented in true spirit. It has been attached with first compliance as <b>Annexure-XVIII</b> .
ii	Six monthly compliance reports should be submitted to the HSPCB and Regional office, MoEF, GOI, Northern Region, Chandigarh and a copy to the SEIAA, Haryana.	Yes ,PP is committed to comply with the said stipulated condition for project and regularly submit the six monthly compliance report of the project along with the Environmental Monitoring report carried out by MoEF approved Lab to HSPCB and Regional Office, MoEF, GOI, Northern Region, Chandigarh and SEIAA, Haryana. Please find enclosed six monthly monitoring report as <b>Annexure IV</b> for your ready reference.
iii	Noise, STP outlet and stack emission shall be monitored daily. Other environmental parameters shall be monitored on monthly basis. After every 3 months the project proponent shall conduct environmental audit and shall take corrective measure, if required without delay.	Our project construction project which is falling in 8 (a), as per requirement of EIA notification 2006 and amendment we are submitting six monthly environmental monitoring from MoEF/NABET approved laboratory. Please find enclosed Environmental Monitoring Report as <b>Annexure IV</b> for your ready reference.
iv	The SEIAA, Haryana reserves the right to add additional safeguard measures 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 10 satisfaction of SEIAA/MoEF.	PP will abide by the additional safeguards if suggested by the Ministry in future as applicable and technically feasible of compliance.
v	The project proponent shall be not violate any judicial orders/ pronouncements issued by any Court/Tribunal.	PP shall comply with the said condition as applicable for said project, if any.
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. Forest Act, 1927, PLPA 1900, etc shall be obtained as applicable by project proponent from the respective authorities prior to construction of the project.	All other statutory clearances such as the approvals from: Approvals of: <ul style="list-style-type: none"> <li>Chief Controller of Explosives: will be obtained in time.</li> <li>Fire Department: Will be obtained in time.</li> <li>PLPA, 1900, Forest Act, 1927: NOC from Tehsildar and application to the DC for Aravali and Forest NOC enclosed in first compliance as</li> </ul>

		<p>Annexure- XVI.</p> <ul style="list-style-type: none"> <li>• Civil Aviation: Height clearance from Airport Authority of India (AAI) enclosed in first compliance as Annexure-XIII.</li> </ul> <p>Forest Conservation Act: N/A Wildlife Act : N/A</p>
vii	<p>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 Haryana State Pollution Control Board &amp; SEIAA. This should be advertised within 7 days from the date circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment clearance condition shall also be put on project proponent's web site for public awareness.</p>	<p>PP received the EC letter vide letter no. <b>SEIAA/HR/2013/444 dated 12.07.2013</b> on <b>24.07.2013</b> and in compliance with the said condition PP duly published an advertisement in <b>The Hindustan Times (English), New Delhi, Mint (English), New Delhi &amp; Hindustan(Hindi), New Delhi</b> on <b>29.07.2013</b> informing the public about the grant of EC for our project. Copies of the advertisement are enclosed in first compliance as Annexure-XIX for your reference.</p> <p>Apart from this PP has also uploaded the EC accorded for the project on the company's official website: <a href="http://www.unitechgroup.com">www.unitechgroup.com</a> for public awareness.</p> <p>Also PP has submitted the above said advertisements to SEIAA, Haryana vide letter no. Advertisement/SEIAA-H/GH Sector 26/2907/2013 dated 29.07.2013. Please refer in first compliance as Annexure-XIX for the said letter.</p>
viii	<p>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 Environmental Clearance.</p>	<p>PP is yet to start the construction activities at the project site. PP has already obtained Environmental Clearance vide letter no <b>SEIAA/HR/2013/444 dated 12.07.2013</b>. Copy of the same along with the construction schedule and site photographs are enclosed herewith as <b>Annexure-IX</b> for your ready reference.</p>
ix	<p>Any appeal against the Environmental Clearance shall lie with the National Green Tribunal. if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	<p>PP is committed to comply with all the directions/Rules/Instructions issued time to time by the Board as applicable and technically feasible of the project.</p>
x	<p>The Project proponent shall put in place Corporate Environmental Policy as mentioned in MoEF, GOI, OM 1-11013/41/2006-IA II (I) dated 26.04.2012 within 3 months period. Latest Corporate Environmental Policy should be submitted to SEIAA within 3 months of issuance of this letter.</p>	<p>Please refer the latest Environmental Policy is enclosed in first compliance as Annexure-XXI for your ready reference.</p>
xi	<p>The fund ear-marked for environmental protection measure 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 MoEF, GOI under rules</p>	<p>The Environment Management Plan cost details proposed for the project is enclosed herewith as <b>Annexure-X</b> for your ready reference.</p>

	prescribed for Environment Audit.	
xii	The project proponent shall obtain NOC under Aravali Notification from CEC of Hon'ble Supreme Court regarding coverage under Aravali Notification before start of construction.	PP has obtained the NOC from concerned Tehsildar stating that the project area does not fall under reserved forest/ protected forest and Section 4 & 5 of PLPA, 1900. Please refer in first compliance as <b>Annexure-XVI</b> for the NOC from the Tehsildar.
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.	PP will take care of the said stipulated condition. Vehicles will not be allowed during construction/operational phase both without the "Pollution Under Control" certificate from the competent authority.
xiv	The project proponent is responsible for compliance of all conditions in Environmental Clearance letter and project proponent can not absolve himself/herself of the responsibility by shifting it to any contractor engaged by project proponent.	Yes, PP will take care of the said stipulated conditions as applicable and technically feasible of the project.
xv	The project proponent shall seek fresh Environmental clearance if at any stage there is change in the planning of the proposed project.	Yes, as per MoEF EIA guidelines if our Built up area as mentioned in the EC letter which is 41732.7 sq. m. increases and affects the environmental aspects and requires additional environmental management plan then we shall take care of the stipulated condition as per MoEF EIA guidelines.

# **Annexure I**

## **NOC CERTIFICATE**



**HARYANA STATE POLLUTION CONTROL BOARD**  
**C-11, SECTOR-6, PANCHKULA**

Website – [www.hspcb.gov.in](http://www.hspcb.gov.in) E-Mail - [hspcb.pkl@sifymail.com](mailto:hspcb.pkl@sifymail.com)

Telephone No. – 0172-2577870-73

No. HSPCB/Consent/ : 2821214GUNOCTE252775

Dated:12/03/2014

To

M/s : **Proposed 3.37 Acres**

**Village- Sikanderpur Ghosi Sector-26, Gurgaon, haryana**

**GURGAON**

**122001**

**Sub. : Issue of Consent to Establish from pollution angle .**

Please refer to your Consent to Establish application received in this office on the subject noted above. Under the Authority of the Haryana State Pollution Control Board vide its agenda Item No. 47.8 dated 28.04.83 sanction to the issue of "Consent to Establish" with respect to pollution control of Water and Air is hereby accorded to the unit **Proposed 3.37 Acres** , for manufacturing of **Commercial Complex** with the following terms and conditions:-

1. The industry has declared that the quantity of effluent shall be 210 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 210 KL/Day for Domestic and the same should not exceed .
2. The above "Consent to Establish" is valid for two years from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.
3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable
4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.
5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act, 1981 as amended to-date-even before starting trial production
6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.
7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience
8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.
9. Unit will construct the proper septic tank as per Bureau of Indian Standards.
10. Unit will raise the stack height of DG Set/Boiler as per Board's norms.

11. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.
12. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.
13. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.
14. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.
15. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.
16. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.
17. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.
18. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.
19. Green belt of adequate width shall be provided by the unit before commissioning.
20. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.
21. Industry should adopt water conservation measures to ensure minimum consumption of water in their Process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority for scientific development of previous resource.
22. This Consent to Establish would be invalid if it is established in the non-conforming area.
23. That the unit will take all other clearances from concerned agencies, whenever required.
24. That the unit will obtain consent under Water & Air Acts & authorization under HWTM Rules from the Board before coming into production.
25. That the unit will not change its process without the prior permission of the Board.
26. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area.
27. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.
28. That the unit will submit an affidavit that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.
29. That unit will obtain EIA from MoEF, if required at any stage.

**Specific Conditions**

**Other Conditions :**



1. The unit will take trial consent to operate before the occupation of the project.
2. The unit will install the project only on the land for which Town and Country Planning Department has given license.
3. The unit will comply all the terms and conditions of the Environmental Clearance granted by the SEIAA, Haryana.
4. Unit will obtain prior NOC/Permission from central Ground Water Authority in case under ground water resource is used.
5. The unit will achieve Zero effluent Discharge as proposed by unit.
6. The NOC is valid only for such land within this project which is under ownership of project proponent and for which report regarding Aravali area has been issued by DC, Gurgaon.
7. The unit will install adequate acoustic enclosures/chambers on their DG SETS with proper stack height as per prescribed norms to meet the prescribed standards under EP Rules, 1986.
8. The unit will install the adequate sewage treatment plant to meet the standards prescribed under EP Rules 1986.
9. The NOC will become invalid in case the project is found violating the provisions of notification no. S.O.191(E) dt. 27.01.2010 issued by MoEP Government of India regarding Eco-sensitive Zone of Sultanpur National park.

*Senior Environmental Engineer II, HQ  
For and on behalf of chairman  
Haryana State Pollution Control Board*

*--It is system generated certificate no signature is required--*



**HARYANA STATE POLLUTION CONTROL BOARD  
C-11, SECTOR-6, PANCHKULA**

*Website – www.hspcb.gov.in E-Mail - hspcb.pkl@sifymail.com*

*Tele Fax No. – 0172-2577870-73*

**No. HSPCB/Consent/ : 2821216GUNOCTE2975094**

**Dated:01/04/2016**

**To.**

**M/s : 3.37 Acres Commercial Complex by Unitech Ltd  
Village- Sikanderpur Ghosi Sector-26, Gurgaon, haryana  
GURGAON NORTH  
122001**

**Sub : Extension in the validity period of NOC case of – M/s 3.37 Acres Commercial Complex  
by Unitech Ltd**

Kindly refer to your application for extension in validity of NOC received in this office on 2016-03-08 on the subject noted above.

The matter has been examined by the board and as per the decision, the validity period of Consent to Establish already granted vide letter No. dt. 01/04/2016 is hereby extended for further period i.e. from 12/03/2016 to 11/03/2018 with the same usual terms and conditions as mentioned in the previous NOC.

**General Deficiencies :**

**Regional Officer, HQ  
For and on behalf of chairman  
Haryana State Pollution Control Board**

**Annexure II**  
**TANKER SUPPLY CHALLAN**



# Haryana Urban Development Authority

Book No. 385  
Receipt No. 165  
Token No. 165  
Received form M/s. Viramda Gram  
Sector. 23 Qty. 5 KL  
the sum of Rupees. Fif only  
on account of water Taker Payment  
Rs. 02  
Truck/Tractor No. HR 55 V 9982  
Cashier  
SDE IX, HUDA (G)



# Haryana Urban Development Authority

Book No. 534  
Receipt No. 98  
Token No. 165  
Received form M/s. Viramda Gram  
Sector. 23 Qty. 5 KL  
the sum of Rupees. Fif only  
on account of water Taker Payment  
Rs. 02  
Truck/Tractor No. HR 55 V 9982  
Cashier  
SDE IX, HUDA (G)



# Haryana Urban Development Authority

Book No. 147  
Receipt No. 165  
Token No. 165  
Received form M/s. Viramda Gram  
Sector. 23 Qty. 5 KL  
the sum of Rupees. Fif only  
on account of water Taker Payment  
Rs. 02  
Truck/Tractor No. HR 55 V 9982  
Cashier  
SDE IX, HUDA (G)



# Haryana Urban Development Authority

Book No. 275  
Receipt No. 534  
Token No. 165  
Received form M/s. Viramda Gram  
Sector. 23 Qty. 5 KL  
the sum of Rupees. Fif only  
on account of water Taker Payment  
Rs. 02  
Truck/Tractor No. HR 55 V 9982  
Cashier  
SDE IX, HUDA (G)



# Haryana Urban Development Authority

Book No. 238166  
Receipt No. 533  
Token No. 165  
Received form M/s. Viramda Gram  
Sector. 23 Qty. 5 KL  
the sum of Rupees. Fif only  
on account of water Taker Payment  
Rs. 02  
Truck/Tractor No. HR 55 V 9982  
Cashier  
SDE IX, HUDA (G)



# Haryana Urban Development Authority

Book No. 86  
Receipt No. 4534  
Token No. 165  
Received form M/s. Viramda Gram  
Sector. 23 Qty. 5 KL  
the sum of Rupees. Fif only  
on account of water Taker Payment  
Rs. 02  
Truck/Tractor No. HR 55 V 9982  
Cashier  
SDE IX, HUDA (G)

**Haryana Urban Development Authority**  
 Date: 31/3/16  
 Book No. ....  
 Receipt No. 16566  
 Token No. 547  
 Received form M/s. Virendra Gram  
 Sector. 23 Qty. 5 KL  
 the sum of Rupees. ff only  
 on account of water Taker Payment  
 Rs. 32  
 Truck/Tractor No. HR 55 V 9982  
 Cashier  
 SDE IX, HUDA (G)

**Haryana Urban Development Authority**  
 Date: 16/3/16  
 Book No. 278  
 Receipt No. 535  
 Token No. 165  
 Received form M/s. Virendra Gram  
 Sector. 23 Qty. 5 KL  
 the sum of Rupees. ff only  
 on account of water Taker Payment  
 Rs. 32  
 Truck/Tractor No. HR 55 V 9982  
 Cashier  
 SDE IX, HUDA (G)

**Haryana Urban Development Authority**  
 Date: 27/3/16  
 Book No. 165  
 Receipt No. 104  
 Token No. 547  
 Received form M/s. Virendra Gram  
 Sector. 23 Qty. 5 KL  
 the sum of Rupees. ff only  
 on account of water Taker Payment  
 Rs. 32  
 Truck/Tractor No. HR 55 V 9982  
 Cashier  
 SDE IX, HUDA (G)

**Haryana Urban Development Authority**  
 Date: 30/3/16  
 Book No. 547  
 Receipt No. 301  
 Token No. 165  
 Received form M/s. Virendra Gram  
 Sector. 23 Qty. 5 KL  
 the sum of Rupees. ff only  
 on account of water Taker Payment  
 Rs. 32  
 Truck/Tractor No. HR 55 V 9982  
 Cashier  
 SDE IX, HUDA (G)

**Haryana Urban Development Authority**  
 Date: 27/3/16  
 Book No. 165  
 Receipt No. 136  
 Token No. 545  
 Received form M/s. Virendra Gram  
 Sector. 23 Qty. 5 KL  
 the sum of Rupees. ff only  
 on account of water Taker Payment  
 Rs. 32  
 Truck/Tractor No. HR 55 V 9982  
 Cashier  
 SDE IX, HUDA (G)

**Haryana Urban Development Authority**  
 Date: 27/3/16  
 Book No. 545  
 Receipt No. 318  
 Token No. 165  
 Received form M/s. Virendra Gram  
 Sector. 23 Qty. 5 KL  
 the sum of Rupees. ff only  
 on account of water Taker Payment  
 Rs. 32  
 Truck/Tractor No. HR 55 V 9982  
 Cashier  
 SDE IX, HUDA (G)

PPG



# Haryana Urban Development Authority

Gurgaon

319

Receipt No. ....152401

BOOK NO.: 1525

Dated .....11/02/2016

12:53:00

Received from M/s. ....BIRENDRA GAON

Project.....BIRENDRA GAON

SECURITY CHECK  
BIRENDRA GAON

No. 78 Date 11/02/16 Sector.....26

the sum of Rs. (in words).....Rupees Sixty Seven on account of treated sewerage

discharge. ....15.00 KL for construction purposes as per terms &amp; conditions overleaf.

VEHICLE NO : HR 55 E 6937

Rs. ....67.50

15731345383

Sub Divisional Engineer  
HUDA, Sub Division No. V  
Gurgaon

PPG



# Haryana Urban Development Authority

Gurgaon

314

Receipt No. ....152629

BOOK NO.: 1527

Dated .....12/02/2016

16:28:25

Received from M/s. ....BIRENDRA GAON

Project.....BIRENDRA GAON

SECURITY CHECK  
BIRENDRA GAON

No. 78 Date 12/02/16

Subject to Verification

the sum of Rs. (in words).....Rupees Sixty Seven and Paise Any Only on account of treated sewerage

discharge. ....15.00 KL for construction purposes as per terms &amp; conditions overleaf.

VEHICLE NO : HR 55 E 6937

Rs. ....67.50

16014271383

Sub Divisional Engineer  
HUDA, Sub Division No. V  
Gurgaon

# **Annexure III**

## **ENVIRONMENTAL MANAGEMENT PLAN**

## COST ON ENVIRONMENT MANAGEMENT PLAN

### CAPITAL EXPENDITURE

Sl No	Description	Capital Cost (Rs. in Lacs)
1	Landscaping	7.5
2	STP/ Waste water treatment	52.0
3	Rain Water harvesting	4.5
4	Acoustic Treatment	5.0
5	Solid Waste Management	2.5
6	Miscellaneous	2.0
	<b>Total</b>	<b>73.5</b>

### RECURRING EXPENDITURE

Sl No	Description	Cost (Rs. in Lacs/ Year)
1	Landscaping	1.2
2	Water Management	2.0
3	Air Management	1.5
4	Environmental Monitoring	2.5
5	Solid Waste Management	1.0
6	Misc	1.0
	<b>Total</b>	<b>9.2</b>



**Annexure IV**  
**ENVIRONMENTAL MONITORING**  
**REPORT**



# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Air Analysis

Report No. : PRPL/AS/050216-007

Issue Date : 11/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : North direction of site, 28°28'53.95"N, 77°06'14.95"E  
Sampling Plan & Procedure : PRPL/WP/AS/001-012  
Date of Monitoring/ Date of collection : 04/02/2016 To 05/02/2016  
Date of Receipt of Sample at lab : 05/02/2016  
Sample Description : Ambient air  
Sample Quantity : PM10 -48.50 m3, PM2.5-23.50 m3 & Gases-252 lit  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : Envirotech APM 460, (SI.No 11- L- 20)  
Ambient Temperature : 19° C  
Humidity : 46%  
Wind Speed & Direction : 9.3Km/hr, NW  
Tests started on : 06/02/2016  
Tests Completed on : 09/02/2016

## RESULTS

S.No.	PARAMETER	Units	Test Method	Results	Standard Limit as per NAAQS
1	Particulate Matter 2.5 (PM2.5)	µg/m3	USEPA Quality Assurance Hand Book (Vol. II) Part II, Quality Assurance Guideline Document, 2.12	75.8	60
2	Particulate Matter 10 (PM10)	µg/m3	IS:5182 Part 23 :2006	153.9	100
3	Oxides of Nitrogen (NOX)	µg/m3	IS:5182 Part VI 2006	46.9	80
4	Sulphur dioxide (SO2)	µg/m3	IS:5182 Part II (1999-2001) Reaffirmed 2006	7.7	80
5	Carbon Monoxide (CO)	mg/m3	SOP No.PRPL/SOP/CO-1-5	<1	4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of Issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Rakesh*  
Analyst



Page No. 1/1



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Air Analysis

Issue Date : 11/02/2016

Report No. : PRPL/AS/060216-004

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : Back side of project site, 28°28'50.17"N, 77°06'14.19"E  
Sampling Plan & Procedure : PRPL/WP/AS/001-012  
Date of Monitoring/ Date of collection : 05/02/2016 To 06/02/2016  
Date of Receipt of Sample at lab : 06/02/2016  
Sample Description : Ambient air  
Sample Quantity : PM10 -48.50 m3, PM2.5-23.50 m3 & Gases-252 lit  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : Envirotech APM 460, (SI. No 11- L- 20)  
Ambient Temperature : 21°C  
Humidity : 40%  
Wind Speed & Direction : 18.3Km/hr, SE  
Tests started on : 08/02/2016  
Tests Completed on : 10/02/2016

## RESULTS

S.No.	PARAMETER	Units	Test Method	Results	Standard Limit as per NAAQS
1	Particulate Matter 2.5 (PM2.5)	µg/m3	USEPA Quality Assurance Hand Book (Vol. II) Part II, Quality Assurance Guideline Document, 2.12	82.2	60
2	Particulate Matter 10 (PM10)	µg/m3	IS:5182 Part 23 :2006	158.7	100
3	Oxides of Nitrogen (NOX)	µg/m3	IS:5182 Part VI 2006	44.5	80
4	Sulphur dioxide (SO2)	µg/m3	IS:5182 Part II (1999-2001) Reaffirmed 2006	8.2	80
5	Carbon Monoxide (CO)	mg/m3	SOP No. PRPL/SOP/CO-1-5	<1	4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Rakesh*  
Analyst



Page No. 1/1



# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Air Analysis

Report No. : PRPL/AS/080216-006

Issue Date : 12/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : Near main gate, 28°28'54.28"N, 77°06'15.64"E  
Sampling Plan & Procedure : PRPL/WP/AS/001-012  
Date of Monitoring/ Date of collection : 07/02/2016 To 08/02/2016  
Date of Receipt of Sample at lab : 08/02/2016  
Sample Description : Ambient air  
Sample Quantity : PM10 -48.50 m3, PM2.5-23.50 m3 & Gases-252 lit  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : Envirotech APM 460, (SI.No 11- L- 20)  
Ambient Temperature : 17°C  
Humidity : 72%  
Wind Speed & Direction : 13 Km/hr, NE  
Tests started on : 09/02/2016  
Tests Completed on : 11/02/2016

## RESULTS

S.No.	PARAMETER	Units	Test Method	Results	Standard Limit as per NAAQS
1	Particulate Matter 2.5 (PM2.5)	µg/m3	USEPA Quality Assurance Hand Book (Vol. II) Part II, Quality Assurance Guideline Document, 2.12	74.8	80
2	Particulate Matter 10 (PM10)	µg/m3	IS:5182 Part 23 :2006	157.5	100
3	Oxides of Nitrogen (NOX)	µg/m3	IS:5182 Part VI 2006	42.6	80
4	Sulphur dioxide (SO2)	µg/m3	IS:5182 Part II (1999-2001) Reaffirmed 2006	6.8	80
5	Carbon Monoxide (CO)	mg/m3	SOP No. PRPL/SOP/CO-1-5	<1	4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Percept*  
Analyst

*[Signature]*  
Authorized Signatory

Page No. 1/1

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfectgroup.com Website: www.perfectgroup.com



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Air Analysis

Report No. : PRPL/AS/080216-007

Issue Date : 12/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : South direction of site, 28°28'52.09"N, 77°06'14.61"E  
Sampling Plan & Procedure : PRPL/WP/AS/001-012  
Date of Monitoring/ Date of collection: 07/02/2016 To 08/02/2016  
Date of Receipt of Sample at lab : 08/02/2016  
Sample Description : Ambient Air  
Sample Quantity : PM10 -48.50 m3, PM2.5-23.50 m3& Gases-252 lit  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : Envirotech APM 460,(SI.No 11- L- 20)  
Ambient Temperature : 20°C  
Humidity : 36%  
Wind Speed & Direction : 5.6 Km/hr, NW  
Tests started on : 09/02/2016  
Tests Completed on : 11/02/2016

## RESULTS

S.No	PARAMETER	Units	Test Method	Results	Standard Limit as per NAAQS
1	Particulate Matter 2.5 (PM2.5)	µg/m3	USEPA Quality Assurance Hand Book (Vol. II)Part II,Quality Assurance GuidelineDocument,2.12	82.6	60
2	Particulate Matter 10 (PM10)	µg/m3	IS:5182 Part 23 :2006	153.6	100
3	Oxides of Nitrogen (NOX)	µg/m3	IS:5182 Part VI 2006	41.9	80
4	Sulphur dioxide (SO2)	µg/m3	IS:5182 Part II (1999-2001)Reaffirmed 2006	6.1	80
5	Carbon Monoxide (CO)	mg/m3	SOP No.PRPL/SOP/CO-1-5	<1	4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Rakesh*  
Analyst



Page No. 1/1

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfactgroup.com Website: www.perfactgroup.com



# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Air Analysis

Report No. : PRPL/AS/090216-008

Issue Date : 13/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : Near site office, 28°28'53.76"N, 77°06'15.53"E  
Sampling Plan & Procedure : PRPL/WP/AS/001-012  
Date of Monitoring/ Date of collection: 08/02/2016 To 09/02/2016  
Date of Receipt of Sample at lab : 09/02/2016  
Sample Description : Ambient air  
Sample Quantity : PM10 -48.50 m3, PM2.5-23.50 m3& Gases-252 lit  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : Envirotech APM 460,(SI.No 11- L- 20)  
Ambient Temperature : 18°C  
Humidity : 50%  
Wind Speed & Direction : 5.6 Km/hr, WNW  
Tests started on : 10/02/2016  
Tests Completed on : 12/02/2016

## RESULTS

S.No.	PARAMETER	Units	Test Method	Results	Standard Limit as per NAAQS
1	Particulate Matter 2.5 (PM2.5)	µg/m3	USEPA Quality Assurance Hand Book (Vol. II) Part II, Quality Assurance Guideline Document, 2.12	53.3	60
2	Particulate Matter 10 (PM10)	µg/m3	IS:5182 Part 23 :2006	152.5	100
3	Oxides of Nitrogen (NOX)	µg/m3	IS:5182 Part VI 2006	43.3	80
4	Sulphur dioxide (SO2)	µg/m3	IS:5182 Part II (1999-2001) Reaffirmed 2006	6.0	80
5	Carbon Monoxide (CO)	mg/m3	SOP No.PRPL/SOP/CO-1-5	<1	4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Rakesh*  
Analyst

*[Signature]*  
Authorized Signatory  
DELI

Page No. 1/1

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfectgroup.com Website: www.perfectgroup.com



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Certificate No T 2100



## TEST REPORT Total Water Analysis

Issue Date : 11/02/2016

Report No. : PRPL/WS/070216-001

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : Onsite  
Sampling Plan & Procedure : PRPL/WP/WS/058  
Date of Monitoring/ Date of collection : 07/02/2016  
Date of Receipt of Sample at lab : 07/02/2016  
Sample Description : Tanker Supply  
Sample Quantity : 2 Ltr.  
Sample Collected by : Mr. Tarun  
Tests started on : 08/02/2016  
Tests Completed on : 10/02/2016

## RESULTS

S.No.	PARAMETER	Unit	Test Method	Results	IS 10500:2012(Drinking Water Standard)
1	Colour	Hazen	APHA 2120 B 22nd edition 2012	<1	5
2	Odour	--	APHA 2150 B 22nd edition 2012	Agreeable	Agreeable
3	Turbidity	NTU	APHA 2130 B 22nd edition 2012	<1	5
4	pH Value	--	IS 3025 (P-11) 1983 Reaffirmed 2006	8.1	6.5-8.5
5	Total Dissolved Solids	mg/L	APHA 2640 C 22nd edition 2012	1076	500
6	Chlorides	mg/L	APHA 4500 Cl B 22nd edition 2012	112.9	250
7	Fluoride	mg/L	APHA 4500-F D 22nd edition 2012	0.7	1
8	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 2340 C 22nd edition 2012	216	200
9	Boron	mg/L	APHA 4500-B C 22nd edition 2012	<0.5	0.5
10	Calcium	mg/L	APHA 3500-Ca B 22nd edition 2012	49.6	75
11	Aluminium	mg/L	APHA 3500-Al B 22nd edition 2012	<0.003	0.03
12	Magnesium	mg/L	APHA 3500-Mg B 22nd edition 2012	22.4	30
13	Iron	mg/L	APHA 3111 B 22nd edition 2012	<0.08	0.3
14	Sulphate	mg/L	APHA 4500-SO <sub>4</sub> E 22nd edition 2012	47.9	200
15	Nitrate Nitrogen	mg/L	APHA 4500- NO <sub>3</sub> B 22nd edition 2012	11.2	45
16	Total Chromium	mg/L	APHA 3500-Cr B 22nd edition 2012	<0.01	0.05
17	Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 2320 B 22nd edition 2012	392	200
18	Manganese	mg/L	APHA 3111 B 22nd edition 2012	<0.01	0.1
19	Copper	mg/L	APHA 3111 B 22nd edition 2012	<0.02	0.05
20	Cadmium	mg/L	APHA 3111 B 22nd edition 2012	<0.007	0.003
21	Lead	mg/L	APHA 3111 B 22nd edition 2012	<0.01	0.01
22	Zinc	mg/L	APHA 3111 B 22nd edition 2012	<0.006	5

Page No. 1/2

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)

Ph.: 011-47528467 / 47021086 Fax: 011-47528434

Email : research@perfectgroup.com Website: www.perfactgroup.com



**PERFECT RESEARCHERS PVT. LTD.**

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Report No. : PRPL/WS/070216-001

Issue Date : 11/02/2016

**Remarks:**

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*[Signature]*  
Analyst

*[Signature]*  
Authorized Signatory  


Page No. 2/2

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528487 / 47021086 Fax: 011-47528434  
Email : research@perfectgroup.com Website: www.perfactgroup.com





# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Total Water Analysis

Report No. : PRPL/WS/070216-002

Issue Date : 11/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : Onsite  
Sampling Plan & Procedure : PRPL/WP/WS/058  
Date of Monitoring/ Date of collection : 07/02/2016  
Date of Receipt of Sample at lab : 07/02/2016  
Sample Description : Tanker Supply  
Sample Quantity : 2 Ltr.  
Sample Collected by : Mr.Tarun  
Tests started on : 08/02/2016  
Tests Completed on : 10/02/2016

## RESULTS

S.No.	PARAMETER	Unit	Test Method	Results
1	Cyanide	mg/L	APHA 4500 - CN D 22nd edition 2012	ND
2	Anionic Surfactants (as Linear Alkyl Benzene)	mg/L	APHA 5540C 22nd Edition 2012	ND
3	Total Phenols	mg/L	APHA 5530D 22nd edition 2012	ND
4	Mercury	µg/L	APHA 3112B 22nd edition 2012	ND
5	Total Coliform	MPN/100mL	APHA 9221B 22nd edition 2012	ND
6	Arsenic	mg/L	APHA 3500-As 22nd edition 2012	ND
7	Mineral Oil	mg/L	IS 3025 (Part 39)	ND
8	Selenium	mg/L	APHA 3114 22nd edition 2012	ND

\*ND-Not Detected

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.
4. Samples for BOD and DO, Colour shall be disposed off after 7 days from the date of issue of test report.

\*\*\*End of Report\*\*\*

*Dr. Pooja*  
Analyst

*Dr. Pooja*  
Authorized Signatory  
PERFACT RESEARCHERS PVT. LTD.  
DELHI

Page No. 1/1

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfectgroup.com Website: www.perfactgroup.com



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Certificate No 72108



## TEST REPORT Total Water Analysis

Report No. : PRPLWS/070216-003

Issue Date : 11/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-28, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : Onsite  
Sampling Plan & Procedure : PRPLWP/WS/058  
Date of Monitoring/ Date of collection : 07/02/2016  
Date of Receipt of Sample at lab : 07/02/2016  
Sample Description : Drinking Water  
Sample Quantity : 2 Ltr.  
Sample Collected by : Mr.Tarun  
Tests started on : 08/02/2016  
Tests Completed on : 10/02/2016

## RESULTS

S.No.	PARAMETER	Unit	Test Method	Results	IS 10500:2012(Drinking Water Standard)
1	Colour	Hazen	APHA 2120 B 22nd edition 2012	<1	5
2	Odour	--	APHA 2150 B 22nd edition 2012	Agreeable	Agreeable
3	Turbidity	NTU	APHA 2130 B 22nd edition 2012	<1	5
4	pH Value	--	IS 3025 (P-11) 1983 Reaffirmed 2005	8.1	6.5-8.5
5	Total Dissolved Solids	mg/L	APHA 2540 C 22nd edition 2012	312.6	500
6	Chlorides	mg/L	APHA 4500 Cl B 22nd edition 2012	22.9	250
7	Fluoride	mg/L	APHA 4500-F D 22nd edition 2012	0.5	1
8	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 2340 C 22nd edition 2012	116	200
9	Calcium	mg/L	APHA 3500-Ca B 22nd edition 2012	32	75
10	Magnesium	mg/L	APHA 3500-Mg B 22nd edition 2012	8.8	30
11	Iron	mg/L	APHA 3111 B 22nd edition 2012	0.04	0.3
12	Sulphate	mg/L	APHA 4500-SO <sub>4</sub> E 22nd edition 2012	37.3	200
13	Nitrate Nitrogen	mg/L	APHA 4500- NO <sub>3</sub> B 22nd edition 2012	2.8	45
14	Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 2320 B 22nd edition 2012	84	200
15	Manganese	mg/L	APHA 3111 B 22nd edition 2012	<0.01	0.1
16	Copper	mg/L	APHA 3111 B 22nd edition 2012	<0.02	0.05
17	Lead	mg/L	APHA 3111 B 22nd edition 2012	<0.01	0.01
18	Residual Chlorine	mg/L	APHA 4500-Cl B 22nd edition 2012	<0.1	0.2

Page No. 1/2

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfectgroup.com Website: www.perfectgroup.com



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Certificate No T-2108



Report No. : PRPL/WS/070216-003

Issue Date : 11/02/2016

## Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*[Signature]*  
Analyst

*[Signature]*  
Authorized Signatory

Page No. 2/2

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfactgroup.com Website: www.perfactgroup.com



# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Total Water Analysis

Report No. : PRPL/WS/070216-004

Issue Date : 12/02/2016

Name of the Customer

M/s Unitech Limited

Name & Address of the project

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail

Onsite

Sampling Plan & Procedure

PRPL/WP/WS/058

Date of Monitoring/ Date of collection

07/02/2016

Date of Receipt of Sample at lab

07/02/2016

Sample Description

Drinking Water

Sample Quantity

2 Ltr.

Sample Collected by

Mr. Tarun

Tests started on

08/02/2016

Tests Completed on

10/02/2016

## RESULTS

S.No.	PARAMETER	Unit	Test Method	Results
1	Taste		APHA 2160 22nd edition 2012	Agreeable
2	Total Coliform	MPN/100mL	APHA 9221B 22nd edition 2012	ND

\*ND-Not Detected

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.
4. Samples for BOD and DO, Colour shall be disposed off after 7 days from the date of issue of test report.

\*\*\*End of Report\*\*\*

*[Signature]*  
Analyst

*[Signature]*  
Authorized Signatory





# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Soil Analysis

Report No. : PRPL/SS/070216-001

Issue Date : 11/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : Onsite  
Sampling Plan & Procedure : PRPL/WP/SS/030  
Date of Monitoring/ Date of collection : 07/02/2016  
Date of Receipt of Sample at lab : 07/02/2016  
Sample Description : Composite Sample  
Sample Quantity : 1 Kg  
Sample Collected by : Mr. Tarun  
Tests started on : 08/02/2016  
Tests Completed on : 10/02/2016

## RESULTS

S.No.	PARAMETER	Unit	Test Method	Results	Range Of Detection
1	pH	--	ISO-10390 2005	7.1	1 - 14
2	Electrical Conductivity	µS/cm	ISO-11265: 1994-10-01	248.6	1-1000
3	Available Nitrogen	mg/kg	ISO-14256: 2003-03-15	84.0	5-1000
4	Available Potassium (as K)	mg/kg	(USDA M-58) 1954 Edition by L.A. Richards	24.6	5-20000
5	Available Phosphorus (as P)	mg/kg	(USDA M-61) 1954 Edition by L.A. Richards	3.2	5-5000
6	Texture	--	(USDA M-41) 1954, Edition by L.A. Richards (Relissued in 1969)	Silt Loam	--
	a. Sand	%	--	7.6	0-100
	b. Silt	%	--	72.8	0-100
	c. Clay	%	--	19.4	0-100
7	Permeability	cm/hr	USDA M-37B	0.71	0-100%
8	Sodium Absorption Ratio (SAR)	mEq/100 g	USDA M-20B	6.2	1-100 mEq/100 g
9	Water Holding Capacity	%	ISO-DIS-11268-2(1)	19.4	0-1%-100%
10	Organic Carbon	%	USDA (M-24)	0.13	0.01-80



# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Report No. : PRPL/SS/070216-001

Issue Date : 11/02/2016

**Remarks:**

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

  
Analyst

  
Authorized Signatory  


Page No. 2/2

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfectgroup.com Website: www.perfactgroup.com



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT

### Ambient Noise Analysis

Issue Date : 11/02/2016

Report No. : PRPL/NS/090216-006

Name of the Customer

: M/s Unitech Limited

Name & Address of the project

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : Near main gate

Sampling Plan & Procedure : PRPL/WP/NS/001-002

Date of Monitoring/ Date of collection : 08/02/2016 To 09/02/2016

Date of Receipt of Sample at lab : 09/02/2016

Sample Description : Ambient Noise

Sample Collected by : Mr. Vikash & Tarun

Sampling Period : 24 hr. (with 15 min. interval)

Tests started on : 10/02/2016

Tests Completed on : 10/02/2016

## RESULTS

S.No.	Time	Unit	Test Method	Leq Values	Leq min	Leq max
1	Day Time (06:00-22:00)	Leq dB(A)	IS: 9889-1981 Reaffirmed 2006	61.2	46.2	68.8
2	Night Time (22:00 - 06:00)	Leq dB(A)	IS: 9889- 1981	52.5	42.5	61.3

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

Analyst

Authorized Signatory





# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Noise Analysis

Report No. : PRPLNS/100216-018

Issue Date : 12/02/2016

Name of the Customer

M/s Unitech Limited

Name & Address of the project

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : South - West Boundary wall

Sampling Plan & Procedure : PRPLWP/NS/001-002

Date of Monitoring/ Date of collection: 09/02/2016 To 10/02/2016

Date of Receipt of Sample at lab : 10/02/2016

Sample Description : Ambient Noise

Sample Collected by : Mr. Vikas & Tarun

Sampling Period : 24 hr. (with 15 min. interval)

Tests started on : 11/02/2016

Tests Completed on : 11/02/2016

## RESULTS

S.No.	Time	Unit	Test Method	Leq Values	Leq min	Leq max
1	Day Time (06:00-22:00)	Leq dB(A)	IS: 9989-1981 Reaffirmed 2008	54.8	42.7	62.1
2	Night Time (22:00 - 06:00)	Leq dB(A)	IS: 9989- 1981	45.1	40.2	52.1

### Remarks:

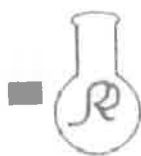
1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

Analyst

Authorized Signatory





# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Noise Analysis

Report No. : PRPL/NS/110216-004

Issue Date : 13/02/2016

Name of the Customer :

M/s Unitech Limited

Name & Address of the project :

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : South - East Boundary wall

Sampling Plan & Procedure : PRPL/WP/NS/001-002

Date of Monitoring/ Date of collection : 10/02/2016 To 11/02/2016

Date of Receipt of Sample at lab : 11/02/2016

Sample Description : Ambient Noise

Sample Collected by : Mr. Vikash & Tarun

Sampling Period : 24 hr. (15 min. interval)

Tests started on : 12/02/2016

Tests Completed on : 12/02/2016

## RESULTS

S.No.	Time	Unit	Test Method	Leq Values	Leq min	Leq max
1	Day Time (06:00-22:00)	Leq dB(A)	IS: 9989-1981 Reaffirmed 2008	55.1	43.8	62.1
2	Night Time (22:00 - 06:00)	Leq dB(A)	IS: 9989- 1981	45.6	41.1	52.1

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

  
Analyst

  
Authorized Signatory  




# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Ambient Noise Analysis

Report No. : PRPL/NS/080216-004

Issue Date : 10/02/2016

Name of the Customer :

M/s Unitech Limited

Name & Address of the project :

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : Near site office

Sampling Plan & Procedure : PRPL/WP/NS/001-002

Date of Monitoring/ Date of collection : 07/02/2016 To 08/02/2016

Date of Receipt of Sample at lab : 08/02/2016

Sample Description : Ambient Noise

Sample Collected by : Mr. Vikash & Tarun

Sampling Period : 24 hr. (15 min. interval)

Tests started on : 08/02/2016

Tests Completed on : 09/02/2016

## RESULTS

S.No.	Time	Unit	Test Method	Leq Values	Leq min	Leq max
1	Day Time (06:00-22:00)	Leq dB(A)	IS: 9989-1981 Reaffirmed 2008	60.1	46.5	67.4
2	Night Time (22:00 - 06:00)	Leq dB(A)	IS: 9989- 1981	51.2	44.6	61.2

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

  
Analyst





# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Certificate No T-2 108



## TEST REPORT Source Noise Analysis

Issue Date : 13/02/2016

Report No. : PRPL/NS/110216-009

Name of the Customer :

M/s Unitech Limited

Name & Address of the project :

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : DG set 62.5 kva  
Sampling Plan & Procedure : PRPL/WP/NS/001-002  
Date of Monitoring/ Date of collection : 11/02/2016  
Date of Receipt of Sample at lab : 11/02/2016  
Sample Description : DG set noise (62.5 kva)  
Sample Collected by : Mr. Maheep & Virendra  
Sampling Period : 30 min.  
Tests started on : 12/02/2016  
Tests Completed on : 12/02/2016

## RESULTS

S.No.	Time	Units	Test Method	Leq	Lmin	Lmax
1	DG set (62.5 kva)	dB(A)	IS:9989-1981 Reaffirmed 2008	72.8	69.8	73.4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

  
Analyst

  
Authorized Signatory  




# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Source Noise Analysis

Report No. : PRPL/NS/110216-010

Issue Date : 13/02/2016

Name of the Customer :

M/s Unitech Limited

Name & Address of the project :

"Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : DG set 125 kva  
Sampling Plan & Procedure : PRPL/WP/NS/001-002  
Date of Monitoring/ Date of collection : 11/02/2016  
Date of Receipt of Sample at lab : 11/02/2016  
Sample Description : DG set noise (125 kva)  
Sample Collected by : Mr. Vikas & Tarun  
Sampling Period : 30 min.  
Tests started on : 11/02/2016  
Tests Completed on : 11/02/2016

## RESULTS

S.No.	Time	Units	Test Method	Leq	Lmin	Lmax
1	DG set (125 kva)	dB(A)	IS:9969-1981 Reaffirmed 2008	72.8	70.7	75.3

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

  
Analyst

  
Authorized Signatory  




# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Stack Emission Analysis

Report No. : PRPL/SE/090216-007

Issue Date 13/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : DG Stack (125 KVA)  
Sampling Plan & Procedure : PRPL/WP/STS/001-008  
Date of Monitoring/ Date of collection : 09/02/2016  
Date of Receipt of Sample at lab : 09/02/2016  
Sample Description : DG Stack (125 KVA)  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : ESS100 by Ecotech Instruments  
Sampling Time period : 50 min.  
Ambient Temperature : 18°C  
Humidity : 50%  
Wind Speed & Direction : 5.6Km/ hr,SE  
Tests started on : 10/02/2016  
Tests Completed on : 12/02/2016

## RESULTS

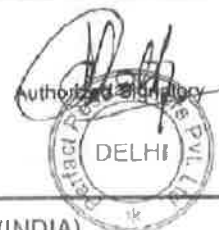
S.No.	Parameter	Units	Values
1	Stack attached to	KVA	125
2	Stack Diameter	m	0.1
3	Stack Height	m	2.2
4	Sample Quantity PM	Lt	831.5
5	Sample Quantity Gases	Lt	100
6	Stack Temperature	°C	148
7	Stack Velocity	m/s	10.8
8	Flow rate	m3/ hr	305.32
9	Particulate Matter	mg/Nm3	43.1
10	Oxides of Nitrogen	mg/Nm3	179.6
11	Carbon Monoxide (CO)	%	1.4

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Tarun*  
Analyst



5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)

Ph.: 011-47528467 / 47021086 Fax: 011-47528434

Email : research@perfactgroup.com Website: www.perfactgroup.com

Page No. 1/1



# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Stack Emission Analysis

Report No. : PRPL/SE/090216-008

Issue Date 13/02/2016

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-28, Village- Sikanderpur, Gurgaon, Haryana.  
Location of Sampling & GPS detail : DG Stack (125 Kva)  
Sampling Plan & Procedure : PRPL/WP/STS/001-008  
Date of Monitoring/ Date of collection : 09/02/2016  
Date of Receipt of Sample at lab : 09/02/2016  
Sample Description : DG Stack (125 Kva)  
Sample Collected by : Mr. Vikash & Mr. Tarun  
Manufacture Model & Serial no. : ESS100 by Ecotech Instruments  
Sampling Time period : 50 min.  
Ambient Temperature : 18°C  
Humidity : 50%  
Wind Speed & Direction : 5.6Km/ hr,SE  
Tests started on : 10/02/2016  
Tests Completed on : 12/02/2016

## RESULTS

S.No.	Parameter	Units	Values
1	Stack attached to	KVA	125
2	Stack Diameter	m	0.1
3	Stack Height	m	2.2
4	Sample Quantity PM	Lt	831.5
5	Sample Quantity Gases	Lt	100
6	Stack Temperature	°C	148
7	Stack Velocity	m/s	10.8
8	Flow rate	m3/ hr	305.3
9	Hydro Carbon (HC)	mg/Nm3	0.6

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Rakesh*  
Analyst





# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



## TEST REPORT Stack Emission Analysis

Issue Date 19/02/2016

Report No. : PRPL/SE/090216-005

Name of the Customer : M/s Unitech Limited  
Name & Address of the project : "Commercial Complex, 3.370 Acres" at Sector-26, Village- Sikanderpur, Gurgaon, Haryana.

Location of Sampling & GPS detail : DG Stack 62.5 kva  
Sampling Plan & Procedure : PRPL/WP/STS/001-008  
Date of Monitoring/ Date of collection : 09/02/2016  
Date of Receipt of Sample at lab : 09/02/2016  
Sample Description : DG Stack  
Sample Collected by : Mr. Vikas & Mr. Tarun  
Manufacture Model & Serial no. : ESS100 by Ecotech Instruments  
Sampling Time period : 56 min.  
Ambient Temperature : 18°C  
Humidity : 50%  
Wind Speed & Direction : 5.6Km/ hr, SE  
Tests started on : 10/02/2016  
Tests Completed on : 12/02/2016

## RESULTS

S.No.	Parameter	Units	Values
1	Stack attached to	KVA	82.5
2	Stack Diameter	m	0.075
3	Stack Height	m	1.6
4	Sample Quantity PM	Lt	834.4
5	Sample Quantity Gases	Lt	112
6	Stack Temperature	°C	155
7	Stack Velocity	m/s	8.4
8	Flow rate	m <sup>3</sup> / hr	134
9	Particulate Matter	mg/Nm <sup>3</sup>	40.3
10	Oxides of Nitrogen	mg/Nm <sup>3</sup>	143.6
11	Carbon Monoxide (CO)	%	1.1

### Remarks:

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

*Rakesh*  
Analyst



5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)  
Ph.: 011-47528467 / 47021086 Fax: 011-47528434  
Email : research@perfactgroup.com Website: www.perfactgroup.com

Page No. 1/1



# PERFECT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Certificate No T-2100



## TEST REPORT

### Meteorological data Analysis

Test Report No. : PRPL/MS/090216-001 - -024

Issue Date : 11/02/2016

Name of the Customer : M/s Unitech Limited

Name & Address of the project : "Commercial Complex, 3.370 Acres"  
at Sector-26, Village- Sikanderpur,  
Gurgaon,  
Haryana.

Location of Sampling : Onsite

Sample Description : Meteorological data

Sampling Plan & Procedure : PRPL/WP/METS/001-004

Date of Monitoring/ Date of collection : 08/02/2016 To 09/02/2016

Sample Collected by : --

## RESULTS

S.No.	Date	Ambient Temperature (°C)	Relative Humidity (%)	Time	Wind Direction (Deg.)	Wind Speed (m/sec)
	Standard					
1	08/02/2016	18.0	63	10:00	285	1.8
2	08/02/2016	17.5	66.5	11:00	283	0.1
3	08/02/2016	16.9	68.4	12:00	284	1.7
4	08/02/2016	15.5	71	13:00	282	2.7
5	08/02/2016	14.6	72.3	14:00	286	4.6
6	08/02/2016	12.3	74	15:00	278	2.2
7	08/02/2016	12	73.5	16:00	273	2.3
8	08/02/2016	11	76.5	17:00	283	0.3
9	08/02/2016	11.3	77	18:00	231	3.5
10	08/02/2016	12.4	74.2	19:00	246	2.4
11	08/02/2016	13	73.2	20:00	241	2.3
12	08/02/2016	14	66.1	21:00	257	2.1
13	08/02/2016	17.5	53.3	22:00	268	2.7
14	08/02/2016	20.1	44.5	23:00	318	2.4
15	09/02/2016	22.5	37.3	00:00	319	4.3
16	09/02/2016	23	28.2	1:00	318	5.4
17	09/02/2016	24.3	27.5	2:00	315	6.7
18	09/02/2016	24.4	29.1	3:00	321	7.2
19	09/02/2016	24.2	27.3	4:00	332	8.6

5th Floor, NN Mall, Sector-3, Rohini, Delhi-110085 (INDIA)

Ph.: 011-47528467 / 47021086 Fax: 011-47528434

Email : [research@perfectgroup.com](mailto:research@perfectgroup.com) Website: [www.perfectgroup.com](http://www.perfectgroup.com)

Page : 1 of 2





# PERFACT RESEARCHERS PVT. LTD.

(ISO 9001: 2008 ; 14001:2005 ISO/IEC 17025:2005 Certified)  
NABL ACCREDITED LABORATORY



Certificate No T-2108



Test Report No. : PRPL/MS/090216-001 - -024

Issue Date : 11/02/2016

20	09/02/2016	23.3	31.5	5:00	333	7.6
21	09/02/2016	21.5	38	6:00	330	3.1
22	09/02/2016	19.1	46.3	7:00	324	0.9
23	09/02/2016	19	50.1	8:00	324	2
24	09/02/2016	17.2	56	9:00	324	0.4

**Remarks:**

1. The results mentioned above relate only to the Sample received and Tested by us.
2. The test report shall not be reproduced either in full or part without the written approval of the Laboratory.
3. Samples received shall be disposed off after one month from the date of Issue of Test Report unless specified otherwise.

\*\*\*End of Report\*\*\*

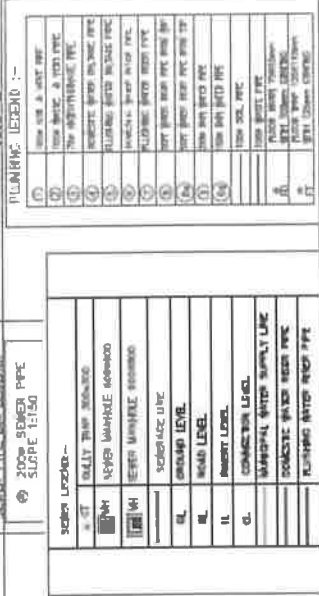
*Regulus*  
Analyst

Authorized Signatory



**Annexure V**  
**DUAL PLUMBING NETWORK**  
**SYSTEM**

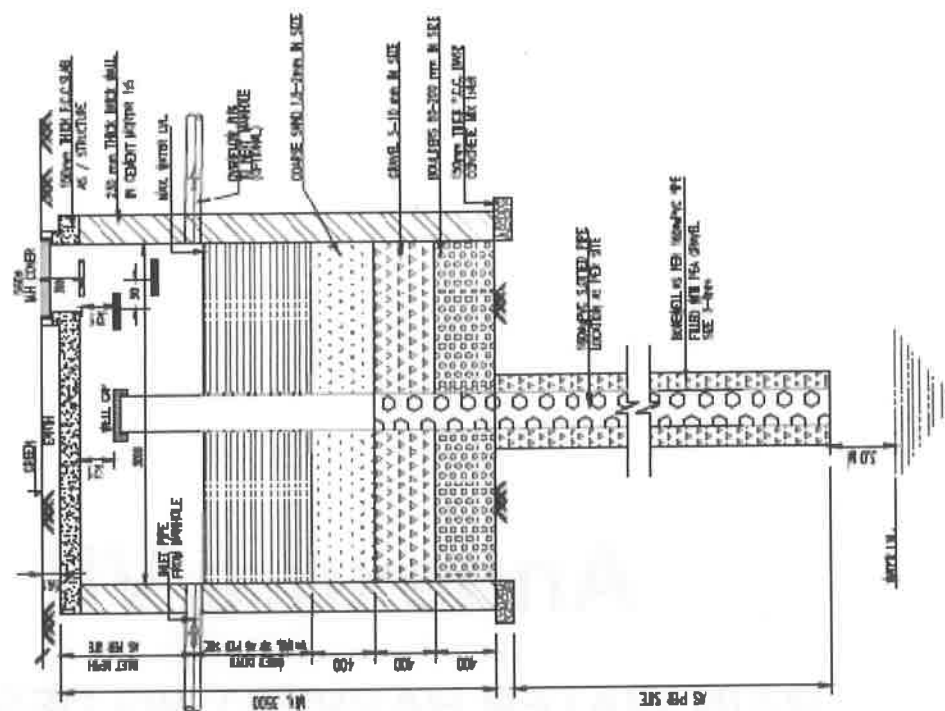
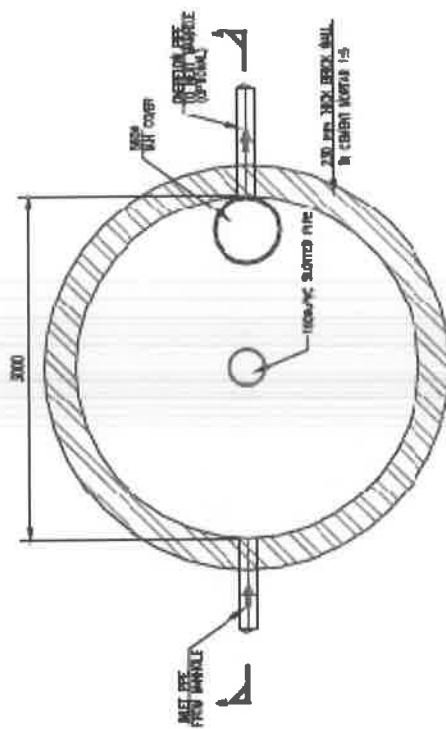
(SHOWING LOCATION OF STP and RWHPs etc.)



# **Annexure VI**

## **RAIN WATER HARVESTING DESIGN**

## DESIGN OF RAIN WATER HARVESTING DETAILS



## SECTION A-A

### DETAILS OF HARVESTING PIT

# **Annexure VII**

## **ELECTRICITY BILL**

Meter and Read Details (Latest 1200 is shown in case of multiple MCO in one billing cycle)									
Meter No	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M F	Consumed Units
	Old	New				Old	New		
PK108166	14/01/2015	14/01/2016	30	0.00	KWH	3387		20	4500

Arrears Outstanding for the Financial Year 01				Tax Calculation			Correction Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Total Correction	MDI
3000 Charges	0.00	532.50	532.50	1000	10.125	40515.00		0.00
F.T.A.	0.00	0.00	0.00					
Surcharge	0.00	12.14	12.14					
E. Duty	0.00	488.00	488.00					
M. Tax	0.00	234.00	234.00					
Fuel Charges	0.00	0.00	0.00					
Finance Costs	0.00	0.00	0.00					
<b>Total Arrear</b>	<b>0.00</b>	<b>-0.16</b>	<b>-0.16</b>					

Details of Charges for Current Cycle			Details of Arrears Payable			Last Payment Details		
Description	Amount (₹)		Description	Amount (₹)		Amount (₹)		
Fixed Charges	0.00		Current Cycle Charges	54965.00		Receipt No		52615568277
Energy Charges	46676.00		Arrears/Outstanding Dues	-0.16		Receipt Date		08/01/2016
MUC/FC for Reconduction	0.00		Sundry Charges/Allowances	130.21		Mode of Payment		Cheque
Amount to cover MMC	0.00		Provisional Adjustment/MT Adj	0.00		Previous Consumption Pattern		
Fuel Surcharge Adjustment	762.00		LPs Adjustment	0.00		Bill month	Units (KWH)	Units (KVAH)
Reliability Charges	0.00		Other Non Energy Charges	0.00		Jul-2015	3282.8	0
Excess Load Surcharge	0.00		<b>Net Payable Amount</b>	<b>54965.00</b>		Aug-2015	10185	0
On On Surcharge	0.00		<b>On On Before Due Date (₹)</b>	<b>0.00</b>		Sep-2015	5200	0
Service Charge	100.00		Surcharge (₹)	0.00		Oct-2015	3425	0
Line Service Charges	135.00		Grate Amount Payable After Due Date (₹)	54965.00		Nov-2015	6660	0
Capacitor Service Charges	0.00		Brief details of Sundry charges/allowances			Dec-2015	4680	0
Solar Rebate	0.00		Rate Revision FSA			In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice Date from which bill other than "ON" is being issued: 14/01/2016		
Vertical Rebate	0.00		Rate FSA Incentive					
Electricity Duty	460.00		Final FSA Arrear			107 FEB 2016		
Municipal Tax	250.00							
<b>Total Current Cycle Charges (₹)</b>	<b>54965.00</b>							

Cheque/DD to be drawn in favour of: SDC Q21-DLF, DHANU, CHURGAN

Payment of this bill can be made online by logging on the website: [www.dhnu.org.in](http://www.dhnu.org.in) at any time and at office counter on all working days during working hours i.e. 08:00AM to 05:00PM.

Address and Telephone number(s) of the authorities relating to consumers grievances			
Grievance pertaining to this bill can be lodged with:	Address & Telephone number(s) of the		Address & Telephone number(s) of complaint officers
Assistant General Manager Operation - Q21-DLF	Complaints Resolution Cell Vardaan Station, Vidya Nagar, New Delhi-110006	Enquiry Cell HERC, Sec-4, E-Block, 3rd Fl., Vardaan Station, New Delhi-110006	18001824334 Call Free

**Meter and Read Details** (If 1800 MCO is shown in case of multiple MCOs, the billing cycle)

Meter No.	Meter Reading Date	Period	MDI	Unit	Meter Reading	Rate	Consumed	Rated	Bar	Read	AP
	Old	New	Days		Old	New	Units	amp	Ratio	Book	
4410218	14/07/2016	14/07/2016	31	0.00	N/A	0	0	0	AV	000	000

Appears Outstanding for the Financial Year (3)

Description	Previous	Current	Total (₹)
SALE Charges	0.00	574.50	574.50
F.S.A	0.00	0.00	0.00
Surcharge	0.00	1214.00	+1214.00
F. Gas	0.00	460.00	460.00
M. Tax	0.00	230.00	230.00
Loss Charges	0.00	0.00	0.00
Losses (Total)	0.00	0.00	0.00
Total Amount	0.00	-0.48	-0.48

**Slab Calculation**

Unit	Rate	Amount (₹)
4780	16.125	48195.00
<b>Total</b>		<b>48195.00</b>

Application Tariff on Read Date

**Connection Details**

Item	Category
Fixed in (₹)	000
Supply Voltage (V)	230
Sanctioned Load (kW)	0.00
Meter	000
Power Factor (%)	0.00
Meter Security (%)	0.00
Meter Ownership (MCO)	000
Meter Marking Type	000

**Details of Charges for Current Cycle**

Description	Amount (₹)
Fixed Charges	0.00
Energy Charges	48195.00
AMC/FC for Reconnection	0.00
Amount to cover MMC	0.00
Fuel Exchange Adjustment	7851.96
Reliability Charges	0.00
Losses Surcharge	0.00
Unmetered Surcharge	0.00
Minor Service Charge	230.00
AMC/FC for MCO	1.00
Sanctioned Load Charge	0.00
Other Sundry	0.00
Branch Closure	0.00
Emergency Duty	175.00
Municipal Tax	235.00
<b>Total Current Cycle Charges (₹)</b>	<b>56116.99</b>

**Details of Amount Payable**

Description	Amount (₹)
Current Cycle Charges	56116.99
Arrears/Outstanding Dues	-0.48
Sundry Charges/Allowances	21700.00
Provisional Adjustment/Ad	0.00
Other Non-Energy Charges	0.00
<b>Net Payable Amount</b>	<b>56116.51</b>
On Or Before Due Date (₹)	<b>56116.51</b>
Surcharge (₹)	<b>832.00</b>
Gross Amount Payable after Due Date (₹)	<b>57771.00</b>

Brief details of Sundry charges/allowances  
Route PSA instalment

**Last Payment Details**

Amount (₹)	Receipt No.	Receipt Date	Mode of Payment
0.00			

**Previous Consumption Pattern**

Month	Units (KWH)	Units (KVAH)	MB	Status
Jan-2016	10780	0	0	OK
Feb-2016	5280	0	0	OK
Mar-2016	2340	0	0	OK
Apr-2016	2680	0	0	OK
May-2016	4830	0	0	OK
Jun-2016	4600	0	0	OK

In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice. This from when bill is not paid (OK) (Please Note: is being issued: 14/07/2016)

Cheque/DD to be drawn in favour of: **800 G21-DLF, DHIRVI, GURGAON**

Payment of this bill can be made online by logging on the [www.dhruvnet.in](http://www.dhruvnet.in) at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.

**Important Information for consumers:**  
Under Section 56 of EA-2003, the supply of electricity shall not be cut off if the consumer deposits a sum of money (a) an amount equal to the sum of the arrears of electricity charges and the interest thereon for the month calculated on the basis of average cost of the electricity supplied during the month, and (b) the interest thereon which is less, pending disposal of any dispute between the consumer and the electricity authority.

**Address and Telephone Number(s) of the authorities relating to consumer's grievances:**

Address & Telephone number(s) of the	Address & Telephone number(s) of the	Address & Telephone number(s) of the
Consumer Grievance Redressal Forum	Consumer Grievance Redressal Forum	Consumer Grievance Redressal Forum
Vijay Sदन, Vijay Nagar, Near 125005	HERC, Sec-4, Bays No. 33-36, Manchikya, Mangano	HERC, Sec-4, Bays No. 33-36, Manchikya, Mangano
	Enquiry: 011-26211111	Enquiry: 011-26211111
	Contact No: 011-26211111	Contact No: 011-26211111

*Signature*

*Singh Rishi*  
28-2-16

**PAID**



Meter and Read Details (Latest MCO is shown in case of multiple MCOs on one bill)										
Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		V.F.	Consumed Units	Billed Units
	Old	New				Old	New			
00100100	14/01/2016	14/02/2016	31	0.00 (KVA)	100W	0				

Arrears Outstanding for the Financial Year (?)			
Description	Previous	Current	Total (?)
Basic Charges	0.00	514.20	514.20
1. S.A.	0.00	0.00	0.00
2. Duty	0.00	1214.00	1214.00
3. Tax	0.00	460.00	460.00
4. Fuel Charge	0.00	230.00	230.00
5. Loss (Gross)	0.00	0.00	0.00
Total Arrear	0.00	-0.40	-0.40

Slab Calculation		
Unit	Rate	Amount (₹)
4 / 60	10.125	4050.00
Total		4050.00

Correction Details	
1. Total Category	
2. Flat in BS (DS)	
3. Supply Voltage (V)	
4. Sanctioned Load (kW)	
5. MMD (t)	
6. Gross Supply (t)	
7. Meter Security (t)	
8. Meter Ownership (M/M)	
9. Meter Make/Model Type	

Details of Charges for Current Cycle		Details of Amount Payable	
Description	Amount (₹)	Description	Amount (₹)
Fixed Charges	0.00	Current Cycle Charges	5693.00
Energy Charges	48195.00	Arrears/Outstanding Dues	0.40
MMD/F.C. for Reconnection	0.00	Sundry Charges/Allowances	21.70/0.00
Amount to cover MMD	0.00	Provisional Adjustment (PSA) Adj.	0.00
Two-Batch Adjustment	2851.00	LPS Adjustment	0.00
Penalty Charges	0.00	Other Non-Energy Charges	0.00
Loss Load Surcharge	0.00	Net Payable Amount	5693.00
Arrears Surcharge	0.00	On Or Before Due Date(?)	
Meter Service Charges	0.00	Gross Amount Payable After Due Date(?)	5721.00
Line Service Charges	100.00	Brief details of Sundry charges followings	
Inspector Service Charges	0.00	Ratio PSA instalment	
Surge Repair	0.00		
Warren Repair	0.00		
Emergency Duty	0.00		
Municipal Tax	476.00		
Total Current Cycle Charges (?)	5693.00		

Last Payment Details				
Amount (₹)	Receipt No.	Receipt Date	Month of Payment	
5693.00	03812002216	01/02/2016		

Previous Consumption Pattern				
Bill month	Units (kW)	Units (KVA)	MD	Status
Aug-2015	50.10	0	0	OK
Sep-2015	50.10	0	0	OK
Oct-2015	24.00	0	0	OK
Nov-2015	88.00	0	0	OK
Dec-2015	48.50	0	0	OK
Jan-2016	50.10	0	0	OK

Check/FOD to be drawn in favour of **200 G21-DLF, DMBVN, GURGAON**

Payment of this bill can be made online by logging on the [Website: www.dmbvn.org.in](http://www.dmbvn.org.in) at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM

#### Important Information for Consumers:

Under Section 25 of EA-2003, the supply of electricity shall not be cut off if a consumer deposits a protest. a) an amount equal to the sum of the arrears and the interest thereon for the month calculated on the basis of average rate, and b) a security deposit of Rs. 1000/- (one thousand rupees) or less, pending disposal of any dispute between the consumer and the provider.

Address and Telephone Number(s) of the authorities relating to consumer grievances		
Address & Telephone number(s) of C.C.		
Consumer Grievance Redressal Forum		Commissioner
Vidyut Sthan, Vidyut Nagar, Hisar 125005		Director, Sec-4, Wazirpur, New Delhi, New Delhi, New Delhi
Assistant General Manager Operation G21-DLF		Chief Engineer, Sec-4, Wazirpur, New Delhi, New Delhi, New Delhi
		Contact No. 011-25982531

*Signature*

*28-2-16*

**PAID**

*18/7/16*

# **Annexure VIII**

## **MINING PERMISSION**

Permit No. 1375

valid 15.11.2013 to 13.05.2014

**Standard for permits for the grant of permission for disposal of mineral extracted incidental to developmental activities**

Whereas M/s. Unitech Ltd. Through Sh. Ram Pabias Chaudhary R/o 4, Community Centre, Saket New Delhi has applied for the grant of a short term permit under rule 27 to 35 of the Haryana Minor Mineral Concession, Stocking & Transportation of Minerals and Prevention of Illegal Mining Rules 2012, for disposal of 84483 M.T. of Ordinary Clay from excavated / removed from Village Sikanderpur Ghosi Sector 26, Gurgaon digging of foundation basement. The applicant has paid royalty in advance and application Fee Rs. 577544/- vide B.D. No. 601246 dt. 12.11.13 and Security amount to Rs. 188772/- vide B.D. No. 601246 dt. 12.11.13 (50% of the amount of royalty).

2. The permission is hereby granted for disposal of 84483 MT mineral Ordinary Clay excavated / removed from the aforesaid area subject to the conditions that the permit holder will abide by the safety guards for such excavation or removal.
3. The permit holder shall transport/dispose off the ordinary clay/ earth from the site of the excavation, only by using a Mineral Transit Pass.
4. The amount of security deposit shall entail no interest. The security amount shall be refunded within a period of three months in case the same is not forfeited or required to be detained for any other purpose under this permit.
5. Any sum due from the permit holder shall be recovered from him as an arrear of land Revenue.

The permission shall be valid up to 13.05.2014.

Memo No. 2442

Dated

15/11/13

Assistant Mining Engineer  
Deptt. of Mines & Geology  
Gurgaon (Mewat)

Enclat. No.

Dated

A copy is forwarded to The Director Mines & Geology, Haryana Chandigarh for information and necessary action please.

Assistant Mining Engineer  
Deptt. of Mines & Geology  
Gurgaon (Mewat)

# **Annexure IX**

## **CONSTRUCTION BAR CHART**

Construction schedule Global Gateway (Financial)

[illegible]

DAKSHIN HARYANA BILI VITRAN NIGAM  
(A Govt. of Haryana Undertaking)  
Website: www.dhbvn.org.in  
**Electricity Bill**



Account No: 2654550000

<b>Name:</b> UNITECH LTD.		<b>Account No:</b> 2654550000	<b>Net Payable Amount on or before Due Date (₹):</b> 7649981.00
<b>Address:</b> CYBER PARK TOWER C., SEC-39, Gurgaon, H.R. IND		<b>Old Acc No:</b> 12226H1UIND50010	<b>Due Date:</b> 27/05/2016
<b>Circle:</b> Gurgaon Circle-2		<b>K No:</b> 2131000033	<b>Surcharge(₹):</b> 111634.00
<b>Division:</b> Sun Urban Gurgaon	<b>Cycle/Group:</b> ANTMH11U	<b>Issue Date:</b> 17/05/2016	<b>Gross Amount Payable After Due Date(₹):</b> 7761615.00
<b>Sub Division:</b> G26-South City	<b>Bill Month:</b> MAY/2016	<b>Bill No:</b> 265455051352	
<b>Net Payable Amount in words:</b> Seventy Six Lakh Forty Nine Thousand Nine Hundred Eighty One Rupees Only			

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)											
Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis
	Old	New				Old	New				
08073172	04/04/2016	03/05/2016	29	2517.90 (KVA)	KWH	2002300	2025382	30	692460	692460	OK
08073172	04/04/2016	03/05/2016	29	2517.90 (KVA)	KVAH	2097550	2121076	30	705540	705540	OK

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	NOS
SOP Charges	0.00	290848.12	290848.12	705540	6.300	4444902.00	Flat in BS (DS)	
F.S.A.	0.00	1114329.30	1114329.30	Total		4444902.00	Supply Voltage(kV)	11.00 KV
Surcharge	0.00	20512.00	20512.00	Applicable Tariff on Read Date:			Sanctioned Load (kW)	3000.00
E. Duty	0.00	69213.00	69213.00				MMC(₹)	0.00
M. Tax	0.00	34606.50	34606.50				Cons. Security (₹)	3000000.00
Fixed Charges	0.00	544000.00	544000.00				Meter Security (₹)	0.00
Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	NM
Total Arrear	0.00	1401812.68	1401812.68				Meter Make/Meter Type	I. & T. HT-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details	
Description	Amount (₹)	Description	Amount (₹)	Amount (₹)	
Fixed Charges	493000.00	Current Cycle Charges	6158168.60	4757665.38	
Energy Charges	4444902.00	Arrears/Outstanding Dues	1401812.68	265455062717	
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Receipt Date	19/04/2016
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Mode of Payment	Cheque
Fuel Surcharge Adjustment	1114850.60	LPS Adjustment	5124834.00	Previous Consumption Pattern	
Reliability Charges	0.00	Other Non Energy Charges	0.00	Bill month	Units (KWH)
Excess Load Surcharge	0.00	<b>Net Payable Amount On Or Before Due Date(₹)</b>	<b>7649981.00</b>	Nov-2015	1719540
Capacitor Surcharge	0.00	Gross Amount Payable After Due Date(₹)	7761615.00	Dec-2015	685170
Meter Service Charges	1537.00	Brief details of Sundry charges /allowances		Jan-2016	631050
Line Service Charges	0.00			Feb-2016	608280
Capacitor Service Charges	0.00			Mar-2016	665220
Solar Rebate	0.00			Apr-2016	692130
Women Rebate	0.00				
Electricity Duty	69246.00				
Municipal Tax	34623.00				
<b>Total Current Cycle Charges (₹)</b>	<b>6158168.60</b>				

Cheque/DD. to be drawn in favour of SDO G26-South City, DHBVN, GURGAON

Payment of this bill can be made online by logging on the Website: www.dhbvn.org.in at any time and at office counter on all working days during working hours i.e. 09:00AM to 05:00PM.	<b>Important Information for consumers:</b> Under Section-58 of EA-2003, the supply of electricity shall not be cut off if the consumer deposits, under protest, a) an amount equal to the sum claimed from him, or b) the electricity charges due from him for each month calculated on the basis of average charge for electricity paid by him during the preceding six months, whichever is less, pending disposal of any dispute between him and the licensee
---	--

Address and Telephone Number(s) of the authorities relating to consumers grievances		
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the	
	Consumer Grievance Redressal Forum	Address & Telephone number(s) of complaint centers
Assistant General Manager Operation - G26-South City	Vidyut Sadan, Vidyut Nagar, Hisar 125005	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : herc-clerk@nsc.in Contact No : 0172-2502531
		18001804334 (Toll Free)

Current Bill → 6158169

OA Feb → 1471301

Surcharge → 22070

OA March-16 → 1033335

5124834/-

S/AM → 1493371

DAKSHIN HARYANA BIJI VITRAN NIGAM  
(A Govt. of Haryana Undertaking)  
Website: www.dhbvn.org.in  
**Electricity Bill**

Account No: 0103860000



<b>Name:</b> UNITECH HOSPITALITY SERVICES LTD	<b>Account No:</b> 0103860000	<b>Net Payable Amount on or before Due Date (₹):</b> 32471893.00
<b>Address:</b> MEA BLOCK-B GREEN WOOD CITY, SEC.-45, Gurgaon, HR, IND	<b>Old Accl No:</b> 12226H1UIND50069	<b>Due Date:</b> 27/05/2016
<b>Circle:</b> Gurgaon Circle-2	<b>K No:</b> 2131001276	<b>Surcharge(₹):</b> 479809.00
<b>Division:</b> Sub Urban Gurgaon	<b>Issue Date:</b> 17/05/2016	<b>Gross Amount Payable After Due Date(₹):</b> 32951702.00
<b>Sub Division:</b> G26-South City	<b>Bill No:</b> 010380337568	
<b>Net Payable Amount in words:</b> Three Crore Twenty Four Lakh Seventy One Thousand Eight Hundred Ninety Three Rupees Only		

Meter and Read Details (* Latest MCO is shown in case of multiple MCO in one billing cycle)													
Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Road Rmrk	Mtr Sts
	Old	New				Old	New						
09302376	01/04/2016	03/05/2016	32	1949.76 (KVA)	KWH	1283452	1304008	24	493344	493344	OK	OK	A
09302376	01/04/2016	03/05/2016	32	1949.76 (KVA)	KVAH	1311717	1332397	24	496320	496320	OK	OK	A

Arrears Outstanding for the Financial Year (₹)				Slab Calculation			Connection Details	
Description	Previous	Current	Total (₹)	Unit	Rate	Amount (₹)	Tariff Category	NDS
SOP Charges	0.00	16987231.90	16987231.90	496320	6.300	3126816.00	Flats in BS (DS)	1
F.S.A.	0.00	4735914.32	4735914.32	Total		3126816.00	Supply Voltage(KV)	11.00 KV
Surcharge	0.00	2203194.00	2203194.00	Applicable Tariff on Read Date:			Sanctioned Load (kW)	2918.74
E. Duty	0.00	273729.60	273729.60				MMC(R)	0.00
M. Tax	0.00	136864.80	136864.80				Cons. Security (₹)	2918740.00
Fixed Charges	0.00	3608849.37	3608849.37				Meter Security (₹)	0.00
Excess Credit	0.00	0.00	0.00				Meter Ownership/MDI Meter	NW
<b>Total Arrear</b>	<b>0.00</b>	<b>27945783.99</b>	<b>27945783.99</b>				Meter Make/Meter Type	L & T /H1-MTR

Details of Charges for Current Cycle		Details of Amount Payable		Last Payment Details				
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)				
Fixed Charges	529312.00	Current Cycle Charges	4526109.44	Receipt No	2655581.00			
Energy Charges	3126816.00	Arrears/Outstanding Dues	27945783.99	Receipt Date	010386055563			
MMC/FC for Reconnection	0.00	Sundry Charges/Allowances	0.00/0.00	Mode of Payment	19/04/2016			
Amount to cover MMC	0.00	Provisional Adjustment/BR Adj.	0.00	Cheque				
Fuel Surcharge Adjustment	794263.64	LPS Adjustment	0.00	Previous Consumption Pattern				
Reliability Charges	0.00	Other Non-Energy Charges	0.00	Bill month	Units (KWH)	Units (KVAH)	MDI	Status
Excess Load Surcharge	0.00	Net Payable Amount	32471893.00	Nov-2015	435192	437040	1949.7	OK
Capacitor Surcharge	0.00	On Or Before Due Date(₹)	32471893.00	Dec-2015	490800	492096	1949.7	OK
Meter Service Charges	1696.00	Surcharge(₹)	479809.00	Jan-2016	215928	216168	1949.7	OK
Line Service Charges	0.00	Gross Amount Payable After Due Date(₹)	32951702.00	Feb-2016	346832	347328	1949.7	OK
Capacitor Service Charges	0.00	Brief details of Sundry charges /allowances		Mar-2016	383904	378800	1949.7	OK
Solar Rebate	0.00			Apr-2016	390360	391776	1949.7	OK
Woman Rebate	0.00			In case of bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.				
Electricity Duty	49334.40			Date from which bill other than "OK" is being issued:				Reason:
Municipal Tax	24667.20							
Total Current Cycle Charges (₹)	4526109.44							

Cheque/DD to be drawn in favour of SDO G26-South City, DHBVN, GURGAON

**Important Information for consumers:**  
Under Section-56 of EA-2003, the supply of electricity shall not be cut off if the consumer deposits, under protest, a) an amount equal to the sum claimed from him, or b) the electricity charges due from him for each month calculated on the basis of average charge for electricity paid by him during the preceding six months, whichever is less, pending disposal of any dispute between him and the licensee

Address and Telephone Number(s) of the authorities relating to consumers grievances			
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the		Address & Telephone number(s) of complaint centers
Assistant General Manager Operation - G26-South City	Consumer Grievance Redressal Forum		18001804334 (Toll Free)
	Vidyut Sadan, Vidyut Nagar, Hisar 125005	HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : herc-clt@nic.in Contact No. - 0172-2582531	

Feb 04 → 980867/-  
March 04 → 6,88,890/-  
OA Feb → 980867  
S/Charge → 14713.  
S/Allowance → 995580

4526109.  
688890  
Current Bill 3837219