

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

No. SEIAA/HR/2013/583

Dated: 04-09-2013

To

M/s Unitech Limited,
 Unitech House, South City-1,
 Gurgaon- 122 001, Haryana,
 Regd. Office. 6, Community Centre,
 Saket, New Delhi – 110017

Subject: Environmental Clearance for proposed 60 Acres “Unitech Residential Plotted Colony” at Sector-16, Ambala, Haryana (under Category 8(b) project).

Dear Sir,

This letter is in reference to your application no. Nil dated 07-04-2012 addressed to M.S. SEIAA received on 11-04-2012 and subsequent letter dated 16-05-2012 and 23-08-2012 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-1-A & Conceptual Plan. EIA/EMP on the basis of approved TOR 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 meetings held on 30-05-2012, 27-09-2012 and 09-07-2013 awarded “Gold” grading to the project.

[2] It is inter-alia, noted that the project involves the Construction of plotted development colony at Sector-16, Ambala, Haryana on a plot area of 242808 sqmt. The total built up area shall be 179344.7025 sqmt. The plotted colony shall have 132 Nos. plots to be developed by project proponent, 412 Nos. of individual residential plots, 2 Clinics, 2 ATM's, 2 Beauty parlors, Sub Post office, Milk & Vegetable. 2 Nursery School, 2 Nursing Homes etc. The total water requirement shall be 1212 KLD. The fresh water requirement shall be 693 KLD. The waste water generation shall be 859 KLD. which will be treated in the STP of 1020 KLD capacity leading to zero exit discharge. The total power requirement shall be 8161 KVA which will be supplied by UHBVN. The Project Proponent has proposed to develop green belt on 34.55% of project area (20% tree plantation + 14.55% landscaping). The solid waste generation will be 981 kg/day. The 687 kg/day of 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 261 ECS for commercial area.

[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 05-08-2013 decided to agree with the recommendations of SEAC to accord necessary environmental clearance for the project under Category 8(b) 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 laboures 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 watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.
- [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 provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding fire safety scheme/NOC from competent Authority as required.
- [19] The Project Proponent shall seek assurance from the UHBVN for supply of 8161 KVA of power supply as stated in proposal. In no case project will

premises. Project Proponent shall provide respiratory protective equipment to all construction workers.

- [34] The project proponent shall provide one refuse area till 24 meter as per National Building Code.
- [35] The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.
- [36] 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.
- [37] The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.
- [38] The Project Proponent shall submit revised power back up calculations with respect to DG set capacity before the start of construction.
- [39] The Project Proponent shall provide solar panel at the rooftop of the building.
- [40] The project proponent shall submit proper certificate regarding non-applicability of Aravali Notification before the start of the construction.
- [41] The project proponent shall ensure that no construction activity is undertaken on surface of revenue rasta passing through the project area.
- [42] The project proponent shall indicate the width and length of revenue rasta passing through the project area on sign board and shall display the same at both the ends of revenue rasta stretch, for awareness of public. Sign board shall also display the message that this is public rasta/road and any citizen can use it. There shall not be any gate with or without guards on revenue rasta and passage through the revenue rasta shall remain fully unobstructed.
- [43] The project proponent shall develop complete civic infrastructure of the residential plotted colony including internal roads, green belt development, sewerage line, Rain Water recharge arrangements, Storm water drainage system, Solid waste management site and provision for composting of bio-degradable waste, STP, water supply line, dual plumbing line, electric supply lines etc. and shall transfer/offer possession of the plots thereafter.
- [44] The project proponent shall ensure that the plinth level of the building block to be 1.5 meter above 100 years flood level.
- [45] The project proponent shall not raise any construction activity in the ROW reserved/acquired for High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules, 1956/DHBNVN latest instructions.
- [46] The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding level of the roads and plinth level of buildings to be

kept in view of high water table in the area before taking up any construction activity.

- [47] The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/ Local authorities beside other required services in view of high water table in the area before taking up any construction activity.
- [48] The site for solid waste management plant be earmarked on the layout plan and the detailed project for setting up the solid waste management plant shall be submitted to the Authority within one month.

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 3% 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 treated by appropriate technology 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/local 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 users of 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] STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective 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 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 ensure that no vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.
- [xiii] 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.

- [xiv] 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, Pkl.

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

जाती
सला

का स्वागत करते हुए कहा कि लुधियाना में मीडियम, स्माल व माइक्रो इंटरप्राइजेज सबसे ज्यादा हैं। यहां एमएसएमई को परेशानियों का सामना करना पड़ रहा है।

unitech

NOTICE

This is for your information that proposed 60 acres "Unitech Residential Plotted Colony" at Sector-16, Ambala, Haryana being developed by M/s Unitech Limited has been accorded Environmental Clearance letter received from State Environment Impact Assessment Authority (SEIAA), Haryana. Vide Environmental Clearance letter no SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013 & as per EIA notification dated 14.09.2006. The copies of the said environmental clearance letter is available with the State Environment Impact Assessment Authority, Haryana and can also be seen on their website www.seiaahry.in and our official website www.unitechgroup.com

waterlogging

from page 1

Another factor contributing to the problem was excessive irrigation. Easy availability of canal water had led to poor irrigation and this had raised the level of subsoil water over the years.

"I would say that excessive water allowance, a technical term for allocation of quantity of water to a reach of land from a canal outlet, is responsible for waterlogging in the area," Mr Samra maintained.

During 1950-60, the subsoil water level was 150 ft. It is now about 5 ft, leaving no scope for the surface rainwater to seep into the soil," explained the expert.

He said a bowl-like tract had been created beneath the subsoil in Muktsar and water had accumulated in that tract. Also, there had been

unitech

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PRESS NOTICE

NOTICE INVITING E-TENDERS

The Executive Engineer (E), Mandi Project Division (Elect) CPWD, IIT Kamand Mandi (HP) on behalf of the



Ref: Ref: UL/Residential/Ambala/3011/2013

To,

The Director(S)

Northern Regional Office, Ministry of Environment & Forests

Bays No.24-25, Sector-31-A

Dakshin Marg, Chandigarh - 160030

The Member Secretary,

State Environment Impact Assessment Authority (SEIAA), Haryana

Bays No.- 55-58, Prayatan Bhavan, Sector-2, Panchkula-134109

Haryana

Date: 30.11.2013

The Chairman,

Haryana State Pollution Control Board,

C-11, Sector - 6, Panchkula, Chandigarh-134109

Haryana

Subject: Submission of Initial Compliance report (along with soft copy in CD) for monitoring of implementation status of Conditions laid down in Environmental Clearance letter issued by SEIAA, Haryana for 60 Acres "Unitech Residential Plotted Colony" Project at Sector-16, Village- Patti Shekhan, Khurampur Majari, Patti Rangra Tehshil and District Ambala, Haryana being developed by M/s Unitech Ltd.

Ref: EC letter No. SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013

Respected Sir,

With reference to the above mentioned subject we are pleased to inform you that we have received the Environmental Clearance(EC) letter of the proposed 60 Acres "Unitech Residential Plotted Colony" Project at Sector-16, Village- Patti Shekhan, Khurampur Majari, Patti Rangra Tehshil and District Ambala, Haryana being developed by M/s Unitech Ltd. vide letter no. EC letter No. SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013.

We wish to inform you that we not yet started the construction activity at the project site. We are submitting the Initial Six-Monthly EC compliance report for the said project which includes the point wise reply to the conditions mentioned in the above said EC letter along with the relevant annexure.

In the above said EC letter there are certain clauses under which we have to take permission from different statutory bodies before the start of construction. We have already taken the initiative and applied to the concerned authorities for approval. We are hoping to receive some of the approvals in a short period of time and certain approvals will take a longer time as per their statutory rules and system. As a proof we are enclosing the application covering letters with receiving as submitted to the various statutory bodies with this EC compliance report. Once we receive the necessary approvals from the competent authorities we shall submit the same to you for your office record.

We are committed to comply with the conditions mentioned in the above said EC letter as applicable and technically feasible of compliance for the project. Hope, you will find the information in order and it will meet your expectations to assess the implementation status of environmental safeguard measures for the project. This is for your kind information and necessary office records.

Thanking you in anticipation,

Yours faithfully,
For Unitech Ltd

Authorised Signatory

Encl: Initial Compliance report with relevant Annexure (with soft Copy in CD)

Received by
Indrajeet
30/11/13



Ref: Ref: UL/Residential/Ambala/3011/2013

To,

The Director(S)

Northern Regional Office, Ministry of Environment & Forests

Bays No.24-25, Sector-31-A

Dakshin Marg, Chandigarh - 160030

The Member Secretary,

State Environment Impact Assessment Authority (SEIAA), Haryana

Bays No.- 55-58, Prayatan Bhavan, Sector-2, Panchkula-134109

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Haryana State Pollution Control Board,

C-11, Sector - 6, Panchkula, Chandigarh-134109

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Thanking you in anticipation,

Yours faithfully,
For Unitech Ltd

Authorised Signatory



Encl: Initial Compliance report with relevant Annexure (with soft Copy in CD)

Unitech Limited

Unitech House, South City-I
Gurgaon 122 007, Haryana, India

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0/e

unitech

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Bays No.24-25, Sector-31-A

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With reference to the above mentioned subject we are pleased to inform you that we have received the Environmental Clearance(EC) letter of the proposed 60 Acres "Unitech Residential Plotted Colony" Project at Sector-16, Village- Patti Shekhan, Khurampur Majari, Patti Rangra Tehshil and District Ambala, Haryana being developed by M/s Unitech Ltd. vide letter no. EC letter No. SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013.

We wish to inform you that we not yet started the construction activity at the project site. We are submitting the Initial Six-Monthly EC compliance report for the said project which includes the point wise reply to the conditions mentioned in the above said EC letter along with the relevant annexure.

In the above said EC letter there are certain clauses under which we have to take permission from different statutory bodies before the start of construction. We have already taken the initiative and applied to the concerned authorities for approval. We are hoping to receive some of the approvals in a short period of time and certain approvals will take a longer time as per their statutory rules and system. As a proof we are enclosing the application covering letters with receiving as submitted to the various statutory bodies with this EC compliance report. Once we receive the necessary approvals from the competent authorities we shall submit the same to you for your office record.

We are committed to comply with the conditions mentioned in the above said EC letter as applicable and technically feasible of compliance for the project. Hope, you will find the information in order and it will meet your expectations to assess the implementation status of environmental safeguard measures for the project. This is for your kind information and necessary office records.

Thanking you in anticipation,

Yours faithfully,
For Unitech Ltd

Authorised Signatory

30/11/2013

Har State Pollution Control Board
C-11, Sector-6, Panchkula

Encl: Initial Compliance report with relevant Annexure (with soft Copy in CD)

INITIAL ENVIRONMENTAL COMPLIANCE REPORT

**60 Acres “Unitech Residential Plotted Colony” Project at Sector-16, Village-
Patti Shekhan, Khurampur Majari, Patti Rangra Tehsil and District Ambala,
Haryana being developed by M/s Unitech Limited**

FOR THE MONTH OF DECEMBER’ 2013

DATA SHEET

[illegible]

7.	Break of the project area: a) Submergence area: Forest & non-forest. b) Others	N/A
8.	Break of the project affected population with numeration of those losing houses/dwelling units only, agricultural land only both dwelling units and land less labourers/artisans. a) SC/ST/Adivasis b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If survey has been carried out, give details and year of survey)	The proposed project site is earmarked for development of Residential plotted colony as per Master plan of Ambala and as per the license granted by DTCP, Haryana. The land is a vacant piece of land hence there will be no displacement of population.
9.	Financial Details: Project cost as originally planned subsequent revised estimates and the year of price reference. a) Allocations made for environmental management plans with item wise and year wise break up. b) Benefit cost ratio/internal rate of return and the year of assessment. c) Weather (c) includes the cost of environmental management as shown in (b) above. d) Actual expenditure incurred on the project so far. e) Actual expenditure incurred on the environmental management so far:	Estimated project cost of the project is approximately Rs. 144.50 Crores . Enclosed as Annexure-I . N/A. N/A. We are yet to start the construction activities at the project site. Estimated project cost of the project is Rs. approximately 144.50 Crores . The estimated project cost of Environmental Management plan is approximately Rs. 354.00 Lacs capital cost & approximately Rs. 38.00 Lacs/year recurring expenses. Please refer Annexure-I for details.
10.	Forest land requirement: a) The status of approval for diversion of forest land for non-forestry use. b) The status of clear felling. c) The status of compensatory afforestation, if any. d) Comments on the viability & Sustainability of compensatory afforestation programme in the light of actual field experience so far.	N/A, already the license has been obtained from DTCP, Haryana vide license no. 01 of 2011 dated 07.01.2011 valid up to 05.01.2015 (Copy of License enclosed as Annexure-II). N/A. N/A. N/A, The proposed project site is earmarked for development of Residential plotted colony as per Master plan of Ambala and as per the license granted by DTCP, Haryana. The land is a vacant piece of land hence no compensatory a forestation plan is required for the project.

11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.	N/A
12.	Status of construction: a) Date of commencement (actual and/or planned. b) Date of completion (actual and/or planned.	Project is currently in final stage of planning and approval. Project is currently in final stage of planning and approval.
13	Reasons for the delay if the project is yet to start:	Project is currently in final stage of planning and approval.

60 Acres “Unitech Residential Plotted Colony” Project at Sector-16, Village- Patti Shekhan, Khurampur Majari, Patti Rangra Tehshil and District Ambala, Haryana being developed by M/s Unitech Limited.

S.no	Compliance conditions	Compliance status
PART-A- SPECIFIC CONDITIONS		
I	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.	Yes, Project Proponent (PP) will obtain “Consent to Establish” (NOC) from Haryana State Pollution Control Board for the said project and submit the same 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.	Adequate first Aid facilities will be 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.	Adequate facilities in regard to drinking water, sanitation for construction labours and solid waste management will be provided at the project site. Open defecation by the laborers will be strictly prohibited.
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 as Annexure-III for your ready reference.
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	D.G. sets being used in the construction phase will

	construction phase should be of ultra low sulphur diesel type and should conform to E(P) Rules prescribed for air and noise emission standards.	be as per Environment (Protection) Rules for air and Noise emission standard. LSD/ market available diesel shall be used in D.G. sets. The D.G. sets will be operated only during power failure periodically for construction activities on need basis. Regular six monthly monitoring of Ambient air quality and noise will be carried out by MoEF approved Lab where directly/indirectly we will monitor the D.G. sets with respect to pollution. This environmental monitoring report shall be submitted to your office for your necessary records.
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.	Available best construction practices will be followed to take care of the Environment. Regular six monthly monitoring of Ambient air quality and noise will be carried out by MoEF approved Lab and submitted to your office for your necessary records.
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 August, 2003.	Yes, PP will use Fly ash as building construction material.
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 Annexure-IV .
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	The proposed project site is located in the developed Sector-16 of Ambala. Main source water for the operational phase of the project HUDA water supply. Necessary assurance letter from HUDA for supplying water for the operation phase is enclosed as Annexure-V .

	start of construction.	
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 will be developed according to ECBC norms as far as possible.
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	Please find enclosed herewith the Structural safety certificate enclosed as Annexure-VI . No forest land is involved in the proposed site. Please find enclosed herewith the Tehsildar certificate enclosed as Annexure-VII for your ready reference.
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 R.O., MoEF, GOI, Chandigarh.	The planning of the project will be carry out keeping in mind the water efficiency/saving measures as well as maximum water reuse/recycling .
18.	The project proponent shall provide for adequate fire safety measures and equipment as required by Haryana Fire Service Act' 2009 and instruction issued by the local Authority/Directorate of Fire from time to time. Further the project proponent shall take necessary permission regarding Fire Safety scheme/ NOC from competent authority as required.	As mentioned in the environmental Clearance letter the said project is plotted development project. The maximum height of the project is within 15m (G+2) . Hence the NOC from competent is presently not required.
19.	The Project Proponent shall submit assurance from UHBVN for supply of 8161 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.	Project is in its initial stage and we have obtained Temporary connection from the UHBVN and applied to UHBVN for supply of 8161 KVA of power for our project.

20.	Detail calculation of power load and ultimate power load of the project shall be submitted to UHBVN under intimation to SEIAA, Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	Detailed calculation of power load and ultimate power load of the project is enclosed as Annexure-VIII .
21.	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.
22.	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. Details are enclosed as Annexure-IX .
23.	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 construction of the said project will be carried out as per approved layout plan with population density norms approved by Director General Town and Country Department Haryana.
24.	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, the affidavit in this regard is already submitted to the SEAC, Haryana for the environmental clearance of the project. All the construction activities of the project will be carried out by the surface water supplied by the water tanker supplier. Agreement with water tanker supplier is enclosed as Annexure-X .
25.	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.
26.	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.	The project development will be carried out as per the ECBC norms as far as applicable and technically feasible for the project.
27.	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.	To restrict dust and air pollution during construction the following measures will be undertaken: <ul style="list-style-type: none"> • All the loose material either stacked or transported shall be provided with suitable covering; • Water sprinkling shall be done at the location where dust generation is anticipated;
28.	The project proponent shall construct a sedimentation basin in the lower level of the	Yes, PP will construct the necessary sedimentation basin in the project area if required for trapping

	project site to trap pollutant and other wastes during rains.	project site pollutant and other wastes during rainy season.
29.	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 60 acres land and appropriate road will be provided for construction materials and construction related vehicles in the project site.
30.	Vertical Fenestration shall not exceed 40% of total wall area.	Yes, PP shall take care of the said condition for the project
31.	The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	Yes, PP will comply with said condition. Please refer to Annexure-XI for details.
32.	The project proponent shall submit NOC from Airport Authority regarding height clearance.	PP will be taken care of the said stipulated condition as applicable and technical feasible. In this regard we would like to inform you that, we are developing Residential plotted colony where the height of the project is below the 30 meters, hence, there is no need to be taken height clearance from the Airport Authority for the above said project.
33.	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.	To minimize the impact of the dust generated during construction activities the following measures will be adopted: <ul style="list-style-type: none"> • All the loose material either stacked or transported shall be provided with suitable covering; • Water sprinkling shall be done at the location where dust generation is anticipated; • Proper masks shall be provided to workers who will be engaged in dust generation activity;
34.	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 plotted development. As per the submitted plan to the SEAC & SEIAA, Haryana the maximum height for the plotted development is within 15m. Hence the said condition is not applicable for the project.
35.	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. As per the submitted plan to the SEAC & SEIAA, Haryana the maximum height for the plotted development is within 15m. Hence the said condition is not applicable for the project.

36.	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.	Please find attached the water balance diagram for the project as per norms attached as Annexure-XII .
37.	The project proponent shall obtain permission of Mines and Geology department for excavation of soil before the start of construction.	As per the submitted plan to the SEAC & SEIAA, Haryana no basement will be provided for the plotted development. Hence presently no soil excavation will be carried out for the project.
38.	The project proponent shall submit revised power back up calculations with respect to DG set capacity before the start of construction.	Already enclosed the power back-up calculations with respect to D.G. set capacity attached as Annexure-VIII .
39.	The project proponent shall provide solar panel at the rooftop of the building.	Being a Residential plotted colony project solar water heaters are provided for kitchen for which therefore solar panel will be proposed on the rooftop of the building.
40.	The project proponent shall submit proper certificate regarding non-applicability of Aravali Notification before the start of the construction.	N/A, Our Residential plotted colony Ambala project does not exist in Aravali areas. In this regards, we have already 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 to Annexure-VII .
41.	Project proponent shall ensure that no construction activity is undertaken on surface of revenue rasta passing through the project area.	Yes, Project Proponent shall ensure that, there will be no construction activity on the existing Revenue Rasta.
42.	Project proponent shall indicate the width and length of revenue rasta passing through the project area on sign board and shall display the same at both the ends of revenue rasta stretch for awareness of public. Sign board shall also display the message that this is public rasta/road any citizen can use it. There shall not be any gate with or without guards on revenue rasta and passage through the revenue rasta shall remain fully unobstructed.	Yes, Project proponent shall take care of the said stipulated condition as per applicable and technically feasible for the project. The Revenue Rasta shall remain the same. As per the approved project layout plan by DTCP Haryana.
43.	The project proponent shall develop complete civic infrastructure of the residential colony including internal roads green belt development sewerage line rain water recharge arrangement storm water drainage system solid waste management site and provision for composting of biodegradable waste STP water supply line dual plumbing line electricity supply etc and shall transfer/ offer possession of the plot thereafter.	Yes we will take care of the said stipulated condition and try over level best to complete all the civic infrastructure of the residential colony before possession.

44.	Project proponent shall ensure that the plinth level of the building block to be 1.5 meter above 100 years flood level.	Project proponent will be taken care of the said stipulated condition as applicable and technically feasible for the project.
45.	The project proponent shall not raise construction activity in the ROW reserved/ acquired for High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules, 1956/DHBVN latest instruction.	There is no existing any High Tension power line exists in the project area.
46.	The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding level of the roads and plinth level of building to be kept in view of high water table in the area before taking up any construction activity.	All the necessary approval from the concerned authority will be taken before taking up any construction activity for the project.
47.	The project proponent shall seek specific prior approval from concerned local Authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/ Local authorities beside other required services in view of high water table in the area before taking up any construction activity.	All the necessary approval from the concerned authority will be taken before taking up any construction activity for the project.
48.	The solid waste management plan be earmarked on the layout plan and the detailed project for setting up the solid waste management plan shall be submitted to the authority within one month.	Please refer our solid waste management plan and earmarked layout plan enclosed herewith as Annexure-XIII .
II	OPERATIONAL PHASE	
[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	<p>The total water requirement for the project is 1212 KLD of which fresh water requirement is 693 KLD. Total waste water discharge will be 859 KLD which will be treated through proposed Sewage Treatment Plant of total capacity 1020 KLD capacity and the treated water (about 519 KLD) will be used for flushing, Horticulture and misc purposes.</p> <p>After the installation of the STP we will submit structural & Operational design with tertiary treatment facility to your office certified through</p>

	such STP technology which does not require filter backwash.	independent expert.
[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 than 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 misc purpose 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 disposed off to approved sites for land filling after recovering recyclable material.	<p>Efficient way of manage solid waste will be proposed through different colour bin and precautionary handed over to CPCB/HSPCB authorized vendor which having best technology for management.</p> <p>Organic Waste : Approx. 687 Kg/day (Green Bin) 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. 294 Kg/day (Blue Bin) 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 4 l/day. 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 & transboundary Movement) Rules,2008, amended till date.</p>
[f]	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>DG sets locations will be provided on surface with proper anti vibration pad, acoustic enclosure. Adequate stack height as per CPCB norms and for Air pollution prevention will use LSD/ market available diesel.</p> <p>Unit will proposed D.G (2x200 KVA, 9x250 KVA & 4x320 KVA) sets as per proposed plan for power backup to lifts, common area and emergency purpose under Environment (Protection) Act 1986.</p>

[g]	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.	Yes, PP will take care of the said stipulated conditions. All the D.G sets proposed for the project will be installed at the surface area of the project with proper anti vibration pad, acoustic enclosure 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.
[h]	The project proponent should maintain the least 3% as green cover area for tree plantation especially all around the periphery of the project and on the road 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.	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 Landscape plan to committee. Where we are proposing 34.55% of total plot area for the green development (20% area under trees, 9.26% area under Landscape, 5.29 % area under water body). 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 runoff, 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.	No, rain water harvesting pits will be provided at our project site, as ground water level is very high (1.9 m to 2.8 m), so the overflow of rain water will be diverted and collected into the green area which acts as water body during the rainy season of 5.29% of net plot area.
[k]	The ground water level and quality should be monitored regularly in consultation with central ground water Authority.	Yes, we will take care of the said stipulated condition for the project.
[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	Proper traffic circulation plan with separate entry and exits will be provided at the project site to avoid the traffic conjunction. Total parking

	internalized and no public space should be utilized.	requirement of the project is approximately 225 ECS . Total parking provided for the project will be approximately 261 ECS . Parking will be proposed for the project with 20% extra visitors parking therefore no public place will be utilized. Details are enclosed as Annexure-XIV .
[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 measures through ECBC .Building material proposed with R & U values and quantification of energy saved and energy conservation measures is enclosed herewith as Annexure-XI .
[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 as far as applicable and technically feasible for the project.
[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. All the generated biodegradable waste will be composted at the designated place provided within the project area for further utilization in horticultural activities. All dry /inert solid waste should be disposed off to the approved site for land filling after recovering recyclable material through approved vender.
[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.	Yes, solar water heating system will be proposed as per norms specified by HAREDA for the plots to be constructed by M/s Unitech Limited.
[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. Total parking requirement of the project is approximately 225 ECS . As per our submitted plan total parking provided for the project approximately 261 ECS . Parking will be proposed for the project with 20% extra visitors parking therefore no public place will be utilized. Details are enclosed as Annexure-XIV .

[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 already enclosed as Annexure-V .
[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 till the formation of RWA.
[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.	The proposed project is Residential plotted colony. Project will be generated bio-medical waste handover to approved service provider of CPCB as per Bio-medical waste (Management and Handling) Rules, 1998. It includes solid, liquid and laboratory waste that are potentially infectious or dangerous. Hazardous waste of DG used oil which will be properly handed over to CPCB/HSPCB/MoEF approved vendor. Being a plotted development project the E- waste generation from the project will be of negligible amount and will be managed as per existing E-waste management rule 2011 and batteries management rule 2001.
[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.	All adequate controlling measures will be proposed 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.
[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.	Necessary permission will be taken from the Haryana development Authority (HUDA) for excess treated water discharge/emergency discharge into HUDA main sewer line.
[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 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	D.G sets of (2x200 KVA, 9x250 KVA & 4x320 KVA) capacities have been proposed for power backup with adequate stack height as per CPCB norms.

	standard for high capacity DG sets.	
[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 R & U 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 treated water (about 519 KLD) will be used for flushing, Horticulture and misc purposes.
[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 be provided adequate stack height (as per IS:11255 for knowing about velocity with isokinetic flow.

	PART-B- GENERAL CONDITIONS	
S.NO.	COMPLIANCE CONDITIONS	COMPLIANCE STATUS
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. Please find attached a copy of the EIA/EMP Form 1/1A receiving copy enclosed as Annexure-XV .
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..
iii	STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters shall be monitored on quarterly basis. After every 3 months the project proponent shall conduct environmental audit and shall take corrective measure, if required without delay.	As per MoEF EIA Guidelines Six monthly EC compliance report will be submitted along with environmental monitoring report of STP, Noise, Ambient Air & Stack to the HSPCB and Regional office, MoEF, GOI, Northern Region, Chandigarh and SEIAA, Haryana. The Maintenance team will take care of smooth functioning of the STP and D.G. sets via AMC with competent company/ vendor/ expert. They will monitor their relevant parameters of STP & D.G. sets on daily basis via online or manual system. All the D.G. sets will be provided with acoustic enclosure and adequate stack height as per CPCB norms. So the probability of air & noise emissions is low. Periodic maintenance work of STP & D.G. sets will be carried out for ensuring the smooth & proper functioning of STP & D.G. sets.
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	All other statutory clearances such as the approvals from:

	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.	<p>Approvals of:</p> <ul style="list-style-type: none"> Chief Controller of Explosives: will be obtained in time. Fire Department: N/A PLPA, 1900, Forest Act, 1927: N/A, Civil Aviation: N/A, Height is below 30 meters of the project. <p>Forest Conservation Act: N/A Wildlife Act : N/A</p>
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 condition shall also be put on project proponent's web site for public awareness.	<p>PP received the EC letter vide letter no. SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013 and in compliance with the said condition PP duly published an advertisement in The Tribune (English) and Danik Bhasker (Hindi) on 13.09.2013 informing the public about the grant of EC for our project. Copies of the advertisement are enclosed as Annexure-XVI for your reference.</p> <p>Apart from this PP has also uploaded the EC accorded for the project on the company's official website: www.unitechgroup.com for public awareness.</p> <p>Also PP has submitted the above said advertisements to SEIAA, Haryana vide letter no. Advertisement/SEIAA-H/Ambala/2509/2013 dated 25.09.2013. Please refer Annexure-XVII for the said letter.</p>
viii	Under the Provision of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started before obtaining prior Environmental Clearance.	PP yet not to be started the construction activities at the project site. PP has already obtained Environmental Clearance vide letter no SEIAA/HR/2013/583 dated 04.09.2013 . Construction schedules are in planning stage.
ix	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.	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.
x	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.	Please refer the latest Environmental Policy is enclosed herewith as Annexure-XVIII for your ready reference.
xi	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 prescribed for Environment Audit.	The Environment Management Plan cost details proposed for the project is enclosed herewith as Annexure –I
xii	The Project proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid	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 competent Authority.	“Pollution Under Control” certificate from the competent authority.
xiii	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.
xiv	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 179344.7025 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

EMP COST

ITEM WISE BREAK OF ENVIRONMENT MANAGEMENT PLAN COST

Capital expenditure

S.No	Description	Capital cost (Rs. In Lacs)
1	Landscaping	180.0
2	STP & ETP/Waste water treatment	160.0
3	Rain water harvesting	4.0
4	Solid waste management	5.0
5	Miscellaneous	5.0
	Total	354.0

Recurring Expenditure

S.No	Description	Cost (Rs. In Lacs/Year)
1	Landscaping	10.0
2	Water management (STP & ETP)	12.0
3	Air management	4.0
4	Environmental Monitoring	4.0
5	Solid Waste Management	6.0
6	Misc	2.0
	Total	38.0

ANNEXURE-II
LICENSE COPY

FORM LC -V
(See Rule 12)
HARYANA GOVERNMENT
TOWN AND COUNTRY PLANNING DEPARTMENT

License No. 01. **of 2011**

This License has been granted under the Haryana Development and Regulation of Urban Areas Act, 1975 & the Rule 1976, made there under to M/s Harsil Builders Pvt. Ltd., M/s Samay Properties Pvt. Ltd., M/s Azores Properties Ltd., M/s Albrus Properties Pvt. Ltd., M/s Saranath Realtors Ltd. in collaboration with M/s. Unitech Ltd., Unitech House, South City-I, Gurgaon for setting up of a Plotted Colony at village Patti Sekhan, Khuramur Mazri, Patti Jattan, Patti Rangan, Sector 16, Distt. Ambala.


1. The particulars of the land wherein the aforesaid colony is to be set up are given in the Schedule annexed hereto and duly signed by the Director, Town & Country Planning, Haryana.
2. The License granted is subject to the following conditions:
 - a) That the Plotted Colony area is laid out to conform to the approved layout plan and development works are executed according to the designs and specifications shown in the approved plan.
 - b) That the conditions of the agreements already executed are duly fulfilled and the provisions of Haryana Development and Regulation of Urban Areas Act, 1975 and the Rules 1976 made there under are duly complied with.
 - c) That the demarcation plan of the Plotted Colony area is submitted before starting the development works in the colony and for the approval of zoning plan.
3. That the licensee shall construct the portion of service road falling through your side at your own cost and entire road shall be transferred to the Govt. free of cost.
4. That the portion of Sector/Master plan road which shall form part of the licensed area shall be transferred free of cost to the Government in accordance with the provisions of Section 3(3)(a)(iii) of the Haryana Development and Regulation of Urban Areas Act, 1975.
5. That the licensee will not give any advertisement for sale of plots/shops/office/floor area in colony before the approval of layout plan.
6. That you will have no objection to the regularization of the boundaries of the license through give and take with the land that HUDA is finally able to acquire in the interest of planned development and integration service. The decision of the competent authority shall be binding in this regard.
7. That you shall obtain approval/NOC from competent authority to fulfill the requirement of notification dated 14-09-2006 of Ministry of Environment & Forest, Govt. of India before starting the development works of the colony.
8. That the developer will use only CFL fittings for internal lighting as well as campus lighting.

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Hr.CHD.

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9. That you shall convey the 'Ultimate Power Load Requirement' of the project to the date of grant of license to enable provision of site in your land for Transformers/Switching Stations/Electric Sub Stations as per the norms prescribed by the power utility in the zoning plan of the project.
10. That you shall make arrangement for water supply, sewerage, drainage etc, to the satisfaction of the competent authority till the external services are made available from the external infrastructure to be laid by HUDA.
11. That you shall provide the rain water harvesting system as per central Ground Water Authority Norms/ Haryana Govt. notification as applicable.
12. That you shall provide the Solar Water Heating System as per by HAREDA and shall be made operational where applicable before applying for an occupation certificate.
13. That you will intimate your official "email ID" to the department and correspondence done by department on this ID shall be treated as official intimation & legally valid.
14. The license is valid up to 5.1.2015.

Dated: The 6.1.2011.
Chandigarh



(T.C. GUPTA, IAS)
Director, Town & Country Planning
Haryana, Chandigarh
email : tcphry@gmail.com

Endst. No .LC-2273-JE(VA)/2010/ 190

Dated: 7-1-11

A copy along with a copy of schedule of land is forwarded to the following for information and necessary action: -

1. M/s Harsil Builders Pvt. Ltd., M/s Samay Properties Pvt. Ltd., M/s Azores Properties Ltd., M/s Albrus Properties Pvt. Ltd., M/s Saranath Realtors Ltd. in collaboration with M/s. Unitech Ltd., Unitech House, South City-I, Gurgaon alongwith a copy of agreement, LC-IV B and Bilateral agreement.
2. Chairman, Pollution Control Board, Haryana, Sector-6, Panchkula.
3. Chief Administrator, HUDA, Panchkula.
4. Chief Administrator, Housing Board, Panchkula alongwith copy of agreement.
5. MD, HVPN, Planning Directorate, Shakti Bhawan, Sector-6, Panchkula.
6. Joint Director, Environment Haryana - Cum-Secretary, SEAC, Pryatan Bhawan, Sector -2, Panchkula.
7. Addl. Director Urban Estates, Haryana, Panchkula.
8. Administrator, HUDA, Panchkula.
9. Chief Engineer, HUDA, Panchkula.
10. Superintending Engineer, HUDA, Karnal along with a copy of agreement.
11. Land Acquisition Officer, Panchkula.
12. Senior Town Planner, Panchkula.
13. Senior Town Planner (Enforcement), Haryana, Chandigarh.
14. Senior Town Planner (Monitoring Cell), Haryana, Sector-8, Chandigarh.
15. District Town Planner, Ambala along with a copy of agreement.
16. Chief Accounts Officer (Monitoring) alongwith original Bank Guarantees (EDC & IDC) and copy of agreements.
17. Accounts Officer, O/o Director, Town & Country Planning, Haryana, Chandigarh along with a copy of agreement.


(P.P. SINGH)
District Town Planner(HQ)
For Director, Town and Country Planning
Haryana, Chandigarh

TO BE READ WITH LICENCE NO. 01. OF 2011

1. Detail of land owned by M/s Harsil Builders Pvt. Ltd. at village Patli Shekhan and Khurampur Majri, Tehsil and District Ambala

Village	Rect No.	Killa No.	Area (K-M)
Patli Shekhan	29	21/2	6-9
	33	1	8-0
		10/1	2-13
	34	5	8-0
	28	25/2	6-9
Khurampur Majri	15	5/4	1-2
		5/3	0-7
		5/5	2-5
		4/3	2-13
		Total	37-18 Or 4.738 Acres

2. Detail of land owned by M/s Harsil Builders Pvt. Ltd. 7/8 share and M/s Samay Properties Pvt. Ltd. 1/8 share at village Patli Shekhan, Tehsil and District Ambala.

Village	Rect No.	Killa No.	Area (K-M)
Patli Shekhan	46	14/2	3-16
		17/1	3-11
		Total	7-7 Or 0.919 Acres

3. Detail of land owned by and M/s Samay Properties Pvt. Ltd. at village Patli Shekhan, Khurampur Majri and Patli Jatan, Tehsil and District Ambala.

Village	Rect No.	Killa No.	Area (K-M)
Patli Shekhan	34	9/1/2/2	1-16
	33	20/3	1-17
	32	11/2	3-0
		12/1	4-16
		12/2	3-4
		13 min	3-10
		18	1-18
		19/1	3-4
		19/2	4-16
		20/1	3-0
		21/2	0-12
		22	5-0
		Total	62-13 Or 7.831 Acres
Khurampur Majri	14	17/2 min	2-0
		18	5-14
Patli Jatan	33	11/2	3-14
		20/1	1-5
	34	16/1	4-4
		3/1	0-12
		8/1/2	2-0
		15/2/2	3-7
		2/2	3-4
		Total	62-13 Or 7.831 Acres

4. Detail of land owned by M/s Albrus Properties Pvt. Ltd. 1/2 share, M/s Samay Properties Pvt. Ltd. 1/4 share and M/s Sarnath Realtors Ltd. 1/4 share at village Patli Shekhan, Tehsil and District Ambala

Village	Rect No.	Killa No.	Area (K-M)
Patli Shekhan	29	10/2	1-9 Or 0.181 Acres

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To be read with Land No. 01 of 2011.

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5. Detail of land owned by M/s Alburs Properties Pvt. Ltd. at village Patli Shekhan Tehsil and District Ambala Village

	Rect No.	Killa No.	Area (K-M)
Patli Shekhan	28	16/3	1-2
		24	8-0
		25/1	1-11
	29	20/2	1-2
		21/1	1-11
		27	3-8
	34	3/2	7-8
		4	8-0
		23	8-0
	28	22/2	5-16
		16/1	2-13
		18/2/1/2	6-8
	29	11/1	5-0
		20/1/2	6-7
		19/2/1/1	2-7
	28	19/2/3/2	0-3
		21/2	1-8
		22/1/2/2	0-19
	33	2/1/2	0-18
		2/2	3-16
		3	6-12
	29	4/2	7-2
		9/1/1	1-11
		11/2	2-12
	28	12	8-0
		13/1	3-18
		6/1/1	4-15
		14/2/2	5-7
		13/1/1	0-11
		13/3/2	2-11
		14/1/2	1-15
		Total	120-11 Or
			15.068 Acres

6. Detail of land owned by M/s Alburs Properties Pvt. Ltd. 3/4 share and M/s Sarnath Realtors Ltd. 1/4 share at village Patli Shekhan Tehsil and District Ambala Village

	Rect No.	Killa No.	Area (K-M)
Patli Shekhan	46	4	7-7
		11/1	1-9
		6/2	0-13
		14/1	4-4
		15/1	3-2
		7	8-0
	29	17/2	2-0
		18	5-0
		19	8-0
		20/1/1	0-10
		22	8-0
		23	6-2
	33	24	8-10
		2/1/1	3-7
		4/1	0-18
	Total		67-2 Or
			8.388 acres

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To be read with Licence No. 1 of 2011.

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7. Detail of land owned by M/s Azores Properties Ltd. at village Patli Jatan Tehsil and District Ambala

Village	Rect No.	Killa No.	Area (K-M)
Patli Jatan	33	7/1	4-0
		17/1/1	0-11
		14/2	4-0
	34	17/1	0-8
		16/2	3-16
	33	11/1	3-14
		20/2	3-14
		Total	20-3 or 2.519 acres

8 Detail of land owned by M/s Sarnath Realtors Ltd. at village Patli Shekhan, Patli Rangra and Khurampur Majri, Tehsil and District Ambala

Village	Rect No.	Killa No.	Area (K-M)	
Patli Shekhan	32	21/3	6-15	
		8/2	0-15	
	33	21/3	2-10	
		21/1	4-0	
	34	25	8-0	
		46	15/2	4-3
		16/1	3-8	
		32	10/2	4-8
	Patli Rangra	32	11/1	5-0
			20/2	5-0
33		21/1	0-11	
		6	8-0	
		13	6-12	
		15	8-0	
		16	8-0	
		17/2	6-18	
Khurampur Majri		46	18	6-12
			19/1/1	4-5
	15	22/2	6-15	
		23	6-12	
		24/1	1-7	
		25	8-0	
		3/2	3-10	
		2/3	1-3	
		2/2	0-11	
		1/2	1-13	
	2/4	5-14		
	9/2	1-17		
	10/2	1-2		
	11/1	1-9		
	12/1	2-16		
	1/1	0-3		
	2/1	0-6		
	14	22	2-12	
	15	24/1 min	6-10	
		25/1 min	1-11	
	14	5/2 min	1-14	
		17/1 min	1-12	
		23	7-14	
		24/2	1-7	
	15	25/2	0-11	
		4/2	1-9	
	14	5/1	0-14	
		13 min	1-8	
Total of S.No. 8			162-17 or 20.35 acres	
Grand Total			480 K-0M Or say 60.00 Acres	

Director

Town and Country Planning,
Haryana, Chandigarh

ANNEXURE-III

**STANDARD OPERATION PLAN
FOR ENVIRONMENTAL &
HEALTH ASPECTS AT PROJECT SITE**

GENERAL REQUIREMENTS ON ENVIRONMENTAL & HEALTH ASPECTS

GENERAL CONDITION

1. It should be the contractor's fundamental responsibility to conform to the relevant Environmental Laws or Codes as established by MoEF and other Governmental Statutory agencies to maintain the pristine Environmental Standards as applicable for the project construction works. The contractor should comply with all the enactments which should include but are not limited to:
 - a. Water (Prevention and Control of pollution) Act, 1974
 - b. Air (Prevention and Control of pollution) Act, 1981
 - c. Environment (Protection) Act, 1986
 - d. The Hazardous Wastes (Management & Handling) Rules, 1989
 - e. The Public Liability Insurance Act, 1991
 - f. The Municipal Solid Wastes (Management & Handling) Rules, 2000
 - g. Noise Pollution (Regulation & Control) Rules, 2000
2. The contractor should comply with all the required Site Environmental & Health Aspects at Project Site as mentioned in the following documents for his construction activity. The contractor should specify in **Annexure B** of the tender document, the minimum no. of manpower (cleaners/sweepers) suppose to be operated exclusively for cleaning & housekeeping. In case of non-compliance, the Employer may deduct an amount as stipulated in the said **Annexure B** as penalty for cleaning charges. It may herein be noted that requirement of manpower for cleaning & housekeeping may vary as per site conditions, as such, the Contractor will have to deploy the additional manpower as per requirement & as directed by Project Incharge.
3. The contractor should be responsible to construct labour camp/hutment, canteen, appropriate no of separate male and female toilet, crèche, etc. for construction labours as may be applicable for the project and should be responsible for arrangement of other proper basic amenities required by the construction labour during the construction phase. Maintenance of health and sanitation in the construction site will be contractor's responsibility.
4. To keep the area clean and uncluttered (**as per Annexure II**) the contractor should appoint cleaning supervisor with appropriate no. of support staff to clean the site on daily basis and should arrange for regular proper disposal of waste generated over the area.
5. Within two weeks of acceptance of the Contract, the contractor shall submit Environmental Compliance Checklist (**Annexure I**) and his specific consideration for Site Environmental & Health Management practices followed by employer for their review. If the Contractor fails to submit the said reports by stipulated time; he shall be given a three week time for submission. The assessment shall be made after that period and if the Contractor fails to submit the reports, an amount equal to the 0.25% of the Contract value shall be put on hold from his next running bill. The reassessment of the same shall be made after further three weeks & even after completion of six weeks in running, if the Contractor unable to furnish the said reports to the satisfaction of

Project Incharge, a penalty equal to 0.25% of the contract value shall be deducted from his next Running Account Bill subject to maximum of Rs. 2,50,000/- which shall be irreversible.

6. The contractor should submit Assessment Report for Environmental & Health Aspects for Project Site (**Annexure II**) on monthly basis and contractor should submit Initial Environmental Compliance Checklist Report as (**Annexure-I**) on quarterly basis. The report should be prepared generally accompanying Company designated person at project site or as may be decided by the Company's own site office. Company authorized person in this behalf may inspect the project site at any time in order to assess the Company's own standard of Site Environmental and Health Aspects at project site.
7. The principle employer will carried out for Environmental Pollution Monitoring at project site by any authorized laboratory for cross checking the actual condition of project site with respect to various environmental aspects. If there is any critical consideration by the Employer' side, the contractor should follow the recommendations of the employer, if any, in this regard.
8. The contractor should adopt an appropriate emergency plan to deal with any accidental situations to safeguard the life and property and to prevent accidental spillage or pollution of the environment during the whole construction work.
9. If the contractor does not complies with the Monthly Assessment Report for Environmental & Health Aspects (**Annexure-II**) and Quarterly Initial Environmental Compliance Checklist (**Annexure-I**) for project site for whole construction phase; the Principal Employer may hold 0.25% of the bill from their monthly billing amounts. Successive failure to comply with the Monitoring Schedule will result in deduction of 0.25% of the Contract value as penalty subject to maximum of Rs. 2,50,000/-. This penalty shall be other than the one described in clause 5 above.

SPECIFIC REQUIREMENTS:

A. Health aspects of labors:

1. Proper First Aid facility/Room will be provided in the project during whole construction phase of the project.
2. All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits and necessary fitness certificate of the labors should be kept at site.
3. Proper record of medical checkup and first aid cases of the labors should be maintained at site in separate register.
4. A Contract/ tie up with the nearby nursing home should be taken in case of any emergency in construction phase.

B. Good Housekeeping Practices: The contractor shall take all precautions to avoid any nuisance arising from his operations. For good house keeping purposes, work area laid out planning in relation to sitting of labour camp, canteen, toilet, storage yard, etc. should be decided in consultation with the Company designated person in the project site before schedule to start of the construction. The designated places for specific purposes must have appropriate labeling with necessary documentations, if any. The contractor should appoint Cleaning Supervisor with appropriate nos. of workforce and following considerations should be implemented strictly for good housekeeping purposes:

1. The contractor should provide adequate number of toilets (at least one for every 50 labours) with proper septic tank, vent pipe connector and soak pit for the construction labours separate for male and female. In case of high rise building the toilet should be provided at suitable intermittent towers.
2. The contractor should ensure proper disposal of sewage so that sanitary conditions are maintained. Regular cleaning of toilet and soak pit should be ensured.
3. Areas with regular movement of vehicles should have a pacca road/hard surface so that the dust may be controlled during transportation of construction materials inside the construction site.
4. The Contractor should have appropriate water sprinkler systems and shall water down construction sites as required to suppress dust, during handling of excavated soil or debris or during demolition.
5. There should be different provision for construction material storage according to their physical and chemical property. The contractor should arrange tarpaulin cover on fine dust generating construction materials; chemicals and hazardous materials should have concrete slab on their floor.
6. The contractor should ensure separate management facilities for handling Construction related wastes and domestic wastes generated from labour camp/office.
7. Work areas are kept uncluttered and are cleaned upon completion of operations or at the end of each workday. Equipments/ items associated should be returned to their proper place after use.
8. The contractor should construct canteen of appropriate size for consuming food and snacks by the labours to prevent random disposal of all garbage or trash associated with food.
9. The temporary dumping areas shall be maintained by the contractor at all times until the excavate is reutilized as per the employer's requirements. Stockpiles should be covered with tarpaulin and should be sprinkled to stabilize until they are effectively managed.
10. The contractor should provide "Refuse Containers" with tight fitting lids at site for the management of domestic waste generated by the construction labours and these containers shall be emptied at least once daily by the contractor to maintain site sanitation.
11. Chemicals, if any, associated should never be stored on the open place, except in closed door cabinets suitable for the materials to be stored.
12. Hazardous Wastes are to be stored in properly labeled containers, and at separate designated places for the same, and should be returned to that location after each use.
13. Hazardous waste materials should have separate storage facility and should be transferred only to authorized contractor or operators for this facility.

C. Air Environment: Every feasible measure should be considered to maintain or improve the pristine air quality over the work place. To achieve compliance with air contaminant standards, administrative, or engineering, or other controls must first be determined and implemented, wherever feasible, as follows:

1. Before taking up the construction work the area should be enclosed with sheeted enclosure.
2. All construction related equipments and/or technical measures must strive with relevant IS Code with appropriate air pollution abatement system.
3. The contractor should arrange “Consent to Establish” and “Consent to Operate” against Air Pollution Act from concerned State Pollution Control Boards as may be applicable for operation of certain facilities (e.g. batching plant, D.G. set, Concrete mixer, etc.). They should be responsible for periodic renewal of its Consent to Operate as may be applicable for the facilities.
4. If conveyers are used, conveyer belt should be fitted with wind board. Hopper discharge areas shall be enclosed to minimize dust emission.
5. The vehicles, which will be used for transportation of construction materials to the site, should possess valid Pollution Under Control (PUC) Certificates. All the transport vehicles should have proper spark arrester/muffler to minimize the risk of fire during transportation.
6. Care should be ensured so that the dust generation during transport and handling be minimum. The vehicles which will carry loose materials should be covered and loaded with sufficient free boards to avoid spills through the tail board or side board. Dust generating materials should be loaded and unloaded only in closed systems or wind protected areas.
7. Contractor should obtain necessary permission for running the DG set from concerned State Electricity Board and the installation of DG set should be carried out by the Executive-Engineer of the Electricity Inspectorate.

D. Water Environment: The Contractor should manage the waste water arising out of the project activity as long as practicable. The contractor shall at all times ensure that all existing stream courses and drains within and adjacent to the site are kept safe and free from any pollutant arising due to construction activities. The contractor shall ensure that earth, chemicals, and concrete agitator washings, etc. are not deposited in the water course. Following considerations should be strictly maintained by the contractor:

1. The contractor shall arrange an adequate supply of potable water @ 5 lpcd for the domestic use of labourers in the camp. The contractor should provide storage tank of suitable capacity for the storage of water to be consumed by labour. The tank should be cleaned at least once in a week.
2. Proper drainage facility should be provided to handle the waste water arising out of the site. The drainage should be planned in a way that there is no accumulation of water within the project area or vicinity to the site. Regular cleanup of the drainage system should be practiced.
3. The waste water should be disposed off suitably and in a manner that will cause neither pollution nor nuisance. The contractor should adopt necessary precautions against storm water for erosion control measures as well as for minimizing runoff from any spoil piles.
4. The Contractor shall discharge wastewater arising out of site office, canteen or toilet facilities constructed by him into sewers. The Contractor should take approval from nodal agencies for that in their own credit. If sewer is not availed in nearby sources appropriate septic tank/soak pit to be

constructed and adequate control measures to be ensured on that behalf to maintain the sanitary conditions over the work place.

5. The contractor should adopt every feasible option to prevent the run-off from construction debris or excavated materials polluting local water body or creating problem for local drainage system.
6. Storage of debris would be planned by avoiding natural waterways/drainage pattern of the project site.

E. Noise Environment: Excessive noise exposure can cause permanent hearing loss, which could be totally preventable if appropriate precautions are taken. The Contractor shall take all appropriate measures to ensure that work carried out by the contractors, whether on or off the sites, will not cause any unnecessary or excessive noise which may be beyond the legitimate standards specified by the nodal agencies and may be a cause of irritation to local neighbours. He should take all necessary control measures to bring down the sound level generated by various instruments by appropriate enclosures, if applicable.

1. Work area lay out plan and entire work scheduling should be planned prior to start of the job in a way that there should be maximum physical separation between noise generators and noise receptors and to avoid simultaneous activities that both generate high noise levels.
2. Silencers and mufflers on construction equipments should be properly fitted and maintained so that the ambient noise level standards prescribed in the Noise Pollution (Regulation & Control), 2000 are maintained.
3. The contractor shall ensure that all powered mechanical equipment used in the works has the most modern techniques available but not limited to silencers and mufflers.
4. The contractor shall construct acoustic enclosures around any plants of the works from where excessive noise may be generated.
5. Mechanical equipments, to be used in the work should have “Conformance Labeling” as applicable.

F. Solid Waste Management: With careful designing, planning, and good site management solid waste generated from the project can be minimized. Before starting the job, adequate measures should be ensured for temporary storage of construction wastes after consultation with Company designated person and following considerations should be taken care of:

1. Entire construction planning should be in a way that there is minimum generation of construction wastes like concrete, mortars and cement grouts.
2. Reuse of entire construction wastes should be planned as far as possible.
3. Construction solids should be removed from the site as frequent as possible.
4. Litter disposal and collection points should be established around all construction sites.
5. Adequate measures should be adopted to check any runoff from spoil piles.

6. The transportation of construction spoil shall be allowed only to officially designated dumpsites after obtaining necessary permission from relevant authorities.

G. Chemical and Hazardous Material Safety: The construction works may be associated with handling of many hazardous wastes. If so, will be handled as per the provisions of the Hazardous Wastes (Management & Handling) Rules, 1989 and should adhere to following conditions:

1. Chemical containers should be labeled with contents, capped, and in good condition. Contents label should include full name of material; formula. The original label should be defaced if it is not consistent with the current contents.
2. The contractor should be responsible for proper collection, reception, treatment, storage and disposal of hazardous wastes, if any. All the hazardous storage containers should have proper labeling and should be stored properly
3. The contractor should ensure definitive care in handling chemical and hazardous materials to minimize every possible risk of accidental release or spillage of chemicals to the environment.
4. All containers of hazardous materials that are stored in fifty-five-gallon containers or larger are required to be stored in secondary containers. If gas cylinders are to be used; should be transported through wheeled cart and should be stored properly in ventilated areas.
5. For disposal, they can be sold only to authorized contractors or Operators of Centralized Hazardous Wastes-Treatment, Storage and Disposal
6. There shall be constant vigilance for any sign of chemical leakage. Containers storing chemical waste must be inspected weekly for any sign of chemical leakage.
7. Compressed Gas Safety: The cylinders that contain compressed gases are primarily shipping containers and should not be subjected to rough handling or abuse. Such misuse can seriously weaken the cylinder and render it unfit for further use
 - Empty and full cylinders should be stored in separate areas.
 - Cylinders should never be rolled or dragged.
 - When moving large cylinders, they should be strapped to a properly designed wheeled cart to ensure stability.
 - Only one cylinder should be handled (moved) at a time.

ANNEXURE I

INITIAL ENVIRONMENTAL COMPLIANCE CHECKLIST REPORT

Facility information:

PROJECT NAME:

PROJECT LOCATION:

COMPANY/CONTRACTOR NAME:

CONTACT PERSON:

CONTACT NO:

Please answer each question and mark the appropriate answer where applicable

Health Aspects of labours

S l. n o	Legal Compliance Issues	<input type="checkbox"/> 3D	Permit No.	Valid till	Compliance date
		<input type="checkbox"/> 2D			

.					
1	Proper First Aid facility/Room will be provided at project site.				
2	All the laborers to be engaged for construction works should be screened for health before the issue of work permits				
3	All necessary fitness certificates of the labors should be kept at site.				
4	Proper record of medical checkup and first aid cases of the labours should be maintained at site in separate register				
5	A Contract/ tie up with the nearby nursing home should be taken in case of any emergency in construction phase.				
6	Any others:				

Note: In case of noncompliance to any above mentioned subject, the contractor should intimate the expected date of compliance. any other subject, excluding the above mentioned one is under the purview of “Environmental Clearance/any other statutory letter” per the provisions in Health aspects, the contractor should arrange the same.

Please answer each question and mark the appropriate answer where applicable

Air Environment

S l. n o .	Legal Complience Issues	<input type="checkbox"/> 1D <input type="checkbox"/> 2D	Permit No.	Remarks
1	Do you have PUC Certificate of vehicles transporting construction materials?			

2	Have you obtained the “Consent to Establish” Certificate for the DG set from State Pollution Control Board?			
3	Have you obtained the “Consent to Operate” Certificate for the DG set from State Pollution Control Board?			
4	When did you last conduct the Air Quality Assessment for DG set?			
5	Do you have adequate dust suppression measures?			
6	Are you complying with the provisions made under Indian Electricity Rules?			
7	Any others:			

Note: In case of noncompliance to any above mentioned subject, the contractor should intimate the expected date of compliance. If any other subject, excluding the above mentioned one is under the purview of “Environmental Clearance/any other statutory letter” as per the provisions in Air Act, the contractor should arrange the same.

Please answer each question and mark the appropriate answer where applicable

Water Environment

Sl. no.	Legal Compliance Issues	<input type="checkbox"/> 2D <input type="checkbox"/> 3D	Permit No.	Valid till	Expected date of compliance
1	Do you have proper arrangement for supply of water to construction labours?				
2	Are you ready for surveillance of the potable water quality to be supplied to the labours?				
3	Have you provided appropriate drainage				

	system?				
4	Have you constructed appropriate septic tank/soak pit?				

Note: In case of noncompliance to any above mentioned subject, the contractor should intimate the expected date of compliance. If any other subject, excluding the above mentioned one is under the purview of “Environmental Clearance/any other statutory letter” as per the provisions in Water Act, the contractor should arrange the same.

Please answer each question and mark the appropriate answer where applicable

Noise Environment

Sl. no.	Legal Compliance Issues	<input type="checkbox"/> Yes <input type="checkbox"/> 2D	Permit No.	Valid till	Expected date of compliance
1	Have you obtained the “Consent to Establish” Certificate for DG set from State Pollution Control Board?				
2	Have you obtained the “Consent to Operate” Certificate for the DG set from State Pollution Control Board?				

3	Does your DG set have proper Acoustic Enclosure?				
4	Have you obtained the “Conformance Labeling” for DG set from the supplier?				
4	Does your DG set comply with the Max. Ambient Noise level?				
5	When did you last conduct the Noise Quality Assessment for DG set?				
6	Any others:				

Note: In case of noncompliance to any above mentioned subject, the contractor should intimate the expected date of compliance. If any other subject, excluding the above mentioned one is under the purview of “Environmental Clearance/any other statutory letter” as per the provisions in Noise Act, the contractor should arrange the same.

Please answer each question and mark the appropriate answer where applicable

Waste Management

Sl. no.	Legal Compliance Issues	<input type="checkbox"/> 2D <input type="checkbox"/> 3D	Permit No.	Valid till	Expected date of compliance
1	Have you provided any hazardous storage system for your activities?				
2	Have you obtained the “Authorization” Certificate from State Pollution Control Board against Hazardous Waste Management rules?				
3	What is the license number of contractor/occupier (for transfer of				

	hazardous waste) for handling/processing hazardous waste?				
4	Do you have proper solid waste segregation and final disposal facility?				

Note: In case of noncompliance to any above mentioned subject, the contractor should intimate the expected date of compliance. If any other subject, excluding the above mentioned one is under the purview of “Environmental Clearance/any other statutory letter” as per the provisions in Hazardous Waste Management Act or Municipal Solid Waste, the contractor should arrange the same.

ANNEXURE II

MONTHLY ASSESSMENT REPORT FOR ENVIRONMENTAL & HEALTH ASPECTS AT PROJECT SITE

PROJECT NAME:

PROJECT LOCATION:

REPORT NO.:

INSPECTION DATE:

INSPECTED BY:

PARTICIPANTS:

Environmental Issues	Key Areas	Compliance status	Recommendations/ Remarks
HOUSEKEEPING	1. Provision of construction material storage yard	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	2. Provision of chemical storage yard	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	3. Proper stacking of construction material	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	4. Provision of tarpaulin cover on fine dust generating construction material.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	5. Provision of concrete slab on ground for storage of hazardous waste.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	6. Provision of wheeled cart for transporting gas cylinders.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	7. Provision of hutment/canteen for construction worker	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	8. Provision of	<ul style="list-style-type: none"> • Satisfactory 	

	adequate no. of toilet for construction workers separate for gents and females.	<ul style="list-style-type: none"> • Satisfactory • Noncompliance 	
	9. Provision of proper vent pipe in toilet.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	10. Arrangement for proper regular cleaning of toilet.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	11. Provision of adequate no. of refuse containers for domestic wastes.	<ul style="list-style-type: none"> • Satisfactory • Scope of Improvement • Noncompliance 	
	12. Provision of adequate no. of refuse containers for construction wastes.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	13. Separate proper storage facility for discarded hazardous material	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	14. Regular Clean up of the site	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	15. Work lay out plan	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
<i>Any other noted noncompliance-</i>			
WATER ENVIRONMENT	1. Proper storage facility for drinking water.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	2. Tank of suitable capacity for storage for construction purposes.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	3. Provision of drainage for disposal of domestic sewage	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	4. Provision of drainage for management of storm water	<ul style="list-style-type: none"> • Satisfactory • Scope of Improvement • Noncompliance 	
	5. Regular cleanup of drinking water storage	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement 	

	tank	<ul style="list-style-type: none"> • Noncompliance 	
	6. Regular cleanup of drainage system	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	<i>Any other noted noncompliance-</i>		
AIR ENVIRONMENT	1. Provision for proper loading/unloading facility for construction materials.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	2. Provision of tarpaulin cover on fine dust generating construction materials during transportation.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	3. Provision of “pacca road” at project site for transportation of vehicles.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	4. Stack of appropriate height for DG set.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	5. Regular sprinkling for dust suppression measures.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	6. Provision of wheel washing facility.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	<i>Any other noted noncompliance-</i>		
NOISE ENVIRONMENT	1. Provision of acoustic enclosures on DG set.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	2. Provision of silencers/mufflers on high noise generating instruments.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	<i>Any other noted noncompliance-</i>		

SOLID WASTE MANAGEMENT	1. Proper provision for storage of construction wastes.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	2. Provision of colour coding and labeling in waste bins.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	3. Regular sprinkling on construction generated malba, etc.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	4. Construction generated malbas are effectively reused within project site	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	5. Proper provision for storage of domestic waste.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	6. Proper management of temporary soil bank	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	7. Regular transfer of domestic waste.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	<i>Any other noted noncompliance-</i>		
CHEMICALS AND HAZARDOUS MATERIAL SAFETY	1. Storage container adequate for chemical storage.	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	2. Storage containers are properly labeled.	<ul style="list-style-type: none"> • Satisfactory • Scope of Improvement • Noncompliance 	
	3. They are stored in proper place	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	4. They are transported properly	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	5. They are handled properly	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement • Noncompliance 	
	6. Provision of secondary	<ul style="list-style-type: none"> • Satisfactory • Scope of improvement 	

	containment for transfer of chemicals	<ul style="list-style-type: none"> Noncompliance 	
	7. Proper provisions for spill control measures.	<ul style="list-style-type: none"> Satisfactory Scope of improvement Noncompliance 	
	8. Regular proper clean up of containers	<ul style="list-style-type: none"> Satisfactory Scope of improvement Noncompliance 	
	9. Storage facility for empty drums/containers	<ul style="list-style-type: none"> Satisfactory Scope of improvement Noncompliance 	
	10. They are sold only to authorized contractor or Operators.	<ul style="list-style-type: none"> Satisfactory Scope of Improvement Noncompliance 	
	11. Regular transfer of discarded hazardous materials.	<ul style="list-style-type: none"> Satisfactory Scope of improvement Noncompliance 	
	<i>Any other noted noncompliance-</i>		

NB:

- 1) Cases of “Scope of Improvement” up to 10% shall not be penalized.
- 2) Cases of “Non-Compliance” shall be penalized at the rate of Rs.150 per item.
- 3) Cases of “Scope of Improvement” beyond 10% shall be penalized at the rate of Rs. 100 per item.

Site Environmental Inspection Analysis and Collation:

Section 1 - General

1.1 Introduction

Safety Manual sets forth safety guidelines to be followed at each construction sites of Real Estate Division, Unitech Ltd.. Air is to achieve zero accident target in our construction sites. It obviously cannot cover each and every situation and is not intended to do so.

1.2 Responsibility of Site Staff

Site staff includes all personnel who are responsible for supervision of works e.g. Project Coordinators, Project in charge, Site in charge, Site Engineers and Site Supervisors.

Responsibilities of site staff are enumerated below :-

- 1.2.1 He/They will assist contractors to work out a safety programme.
- 1.2.2 He/They will inspect the works on a regular basis, making on the spot checks and corrections of unsafe acts of Contractor's workmen.
- 1.2.3 He/They will ensure that contractor's workmen are issued with protective equipments and these are work where required. Site staff shall not allow works to commence unless protective equipments are used/work.
- 1.2.4 Project in charge will designate a Crisis Management Team out of the site staff available and members of the Team will be given training in handling a crisis/emergency (Please refer Para 1.6 below)

1.3 Personal Safety Equipment

Some of the important personal safety equipments are list below : -

- 1.3.1 Safety Helmet - must be worn where works are being carried out at different levels.
- 1.3.2 Safety Belt/Ropes/Safety rules to be used for workmen working at height or on exterior sites of the building.
- 1.3.3 Hand Gloves - to be used for material handling, gas cutter, welding machine etc.
- 1.3.4 Safety Goggles - to be used for arc/gas welding, machine grinding etc.
- 1.3.5 Gumboots/Shoes - to be used for asphaltting works, concreting works etc.

1.4 Safety of Work Place

- 1.4.1 Install adequate number of security lights all over the project site.
- 1.4.2 Provide fire Extinguishers at a suitable locations for fire fighting including sand buckets and water.
- 1.4.3 No electrical wiring shall run on metal poles, scaffolding or metal working platforms. There should be no naked electrical wiring. All wiring must be taken atleast 7 ft.above the ground level.
- 1.4.4 Electrical equipments must be properly earthed.
- 1.4.5 People working in heights must use full body harness and shock absorbing

to arrest/prevent fall.

- 1.4.6 Keep all staircases/passages free from materials and obstructions of any kind.
- 1.4.7 Site staff must ensure that hazardous chemicals and petroleum products are stored in a proper manner and such stores are kept locked when not in use.

1.5 **First Aid**

- 1.5.1 First aid is an immediate and temporary care given to the victim of an accident or sudden illness till the treatment from the doctor is made available. It is important as careless handling of the injured person may increase the severity of the injury and may even cause a death. A Person qualified and trained in first-aid shall be available at work site to render and direct first-aid to casualties.

A first-aid kit (including a stretcher, if feasible) shall be provided at site and shall be provided at site and shall contain the following items :-

Dressing cotton
General medicines
Trinangular bandage
Roller bandage
Potassium permanganate
Dettol.
Iodine
Packet of cotton wool
Burnol
Snake Bite Kit

1.6 **Crisis Management :**

- 1.6.1 Site office including that of contractor must display following important telephone nos.
 - (a) Fire Brigade
 - (b) Ambulance
 - (c) Police Station
 - (d) Nearest Hospital
 - (e) Project in charge (land line/mobile)
 - (f) Project Coordinator (- do -)
 - (g) Contractor
 - (h) Head (Real Estate)
- 1.6.2 One vehicle alongwith driver must be kept at the work site during sight work/ night work
- 1.6.3 In case of accident, immediate medical attention may save the precious human lives. Shift the affected person to the nearest hospital as soon as possible.
- 1.6.4 In case of fire, try to stop /attack the fire immediately using any means or equip

ment(s) available. Once fire is spread, it is very difficult to contain it later.

- 1.6.5 Certain site staff including contractor's workmen should be trained to operate and use the various types of fire extinguishers for different kinds of fire e.g. electrical, petroleum products etc. Fire extinguishers must be checked and kept refilled at regular interval.

1.7 Excavation :

- Deep excavations (above 2 mtrs.) must be barricades and danger sign posted
- 1.7.1
- 1.7.2 Sides should be properly sloped (generally kept at 1.5 ft. horizontal to 1 ft. vertical.
- Where deep excavation and such other work is in progress, the area should be fenced with sufficient number of notice boards and danger signs.
- 1.7.3
- Shoring should be provided wherever required as decided by the Site in charge.
- 1.7.4
- During rainy season, importance of shoring cannot be over emphasized.

1.8 Storage of Inflammable and Hazardous Chemicals :

- Inflammable material e.g Petrol, Diesel and Hazardous chemicals e.g. Chlorophos etc. must be stored in a safe place under lock and key.
- 1.8.1
- Spillage of chemicals on the floor should be avoided. Have a layer of sand to absorb any spillage.
- 1.8.2
- Materials which catch fire easily like timber, tyre should not be stacked nearly.
- 1.8.3
- Welding works (Gas/Electric) or any other works requiring open flames including smoking shall not be allowed in the near vicinity.
- 1.8.4

1.9 Welding Works (Electric/Gas) :

- Keeping welding leads and burning hose clear of passage ways. All welding apparatus should be equipped with flash back, arrestors. A separate & safe place for welding should be identified by the Site in charge.
- 1.9.1
- 1.9.2 No welding or burning is to be done on a closed vessel.
- 1.9.3 Welders should be equipped with eye goggles, hand gloves and protective screens to avoid exposure to arc.
- While lighting a torch for gas welding, open the fuel gas valve before opening the oxygen valve. Use an approved spark lighter. Do not use matches, cigarette, lighters etc.
- 1.9.4
- 1.9.5 Store gas cylinders and hoses where these are not exposed to sparks.
- 1.9.6 Anti-flash back arrestors shall be installed on all fuel gas cylinders.
- 1.9.7 Keep oil and grease away from oxygen regulator, hose and fittings.

- 1.9.8 Do not exceed 15 PSI on the torch side of the gauge when using acetylene.
- 1.9.9 Never do electric welding from a metal ladder.

SAFETY MEASURES AT CONSTRUCTION SITE

Section 2 - Civil Work

2.1 Scaffold & Ladders

The accidents from the scaffolds are generally caused by :

- a. Direct collapse of the scaffold
- b. Workmen falling from the scaffold
- c. Material falling from the top of the scaffold.

Great care is, therefore, necessary in the erection, use and dismantling of scaffold with respect to its various components with a view to bring confidence in workman and to avoid any mishaps due to negligence.

2.1.1 Safety measures with regard to scaffold as indicated below, shall be adhered to at site.

- 2.1.1.1 Every scaffold and every part thereof, including supports, shall be of good construction, suitable and sound materials and having adequate strength for the purpose for which it is used.
- 2.1.1.2 All scaffold shall be properly maintained.
- 2.1.1.3 Construction and dismantling of every scaffold shall be under the supervision of a competent person.
- 2.1.1.4 Boards and planks used for the platforms, gangways and runs shall be of uniform thickness, but jointed, closely laid, and securely fasten in place.
- 2.1.1.5 The use of cross braces or framework as the means of access to the working surface shall not be permitted.
- 2.1.1.6 All scaffold shall be securely fastened to the building or structure. If independent of the building, they shall be braced or guyed properly.
- 2.1.1.7 Men shall not be allowed to work from scaffolds during storms or high winds.
- 2.1.1.8 Whenever, workman have to work or constantly pass under a scaffold on which men are working, a screen or other protection shall be provided to catch any falling material.

- 2.1.1.9 All scaffolds shall be examined and approved by Site in charge/Project in charge.
- 2.1.1.10 During dismantling, necessary precautions shall be taken to prevent injury to persons.
- 2.1.1.11 Wet and slippery conditions shall be avoided. The workers shall be cautioned against use of slippery footwear.
- 2.1.1.12 Care shall be taken to see that no part of scaffold is struck by a truck or other heavy moving equipment and no material shall be dumped against it, to prevent any damage.
- 2.1.1.13 Shuttering material should be handled carefully with sufficient manpower to avoid slippage of the material.
- 2.1.1.14 Crack at pin holes in steel props may get sheared off.
- 2.1.1.15 Loose steel pins in steel spans may fold the steel span. Centre steel span pin to be tightened properly. All the points should be checked thoroughly by fore man / shuttering in-charge.

2.2 Form Work

- 2.2.1 Form work shall be designed after taking into consideration spans, setting temprature of concrete, dead load and working load to be supported and safety factor for the materials used for form work.
- 2.2.2 All timber form work shall be carefully inspected before use and members having cracks and excessive knots shall be discarded.
- 2.2.3 As timber centering usually takes an initial set when vertical load is applied, the design of this centering shall make allowance for this factor.

- 2.2.4 The vertical supports shall be adequately braced or otherwise secured in position so that these do not fall when the load gets released or the support are accidentally hit.
- 2.2.5 Tubular steel centering shall be used in accordance with the manufacturer's instructions. When tubular steel and timber centering is to be used in combination necessary precautions shall be taken to avoid any unequal settlement under load.
- 2.2.6 A thorough inspection of tubular steel centering is necessary before its erection and members showing evidence of excessive rusting, kinks, dents or damaged welds shall be discarded. Buckled or broken members shall be replaced. Care shall also be taken that locking devices are in good working order and that coupling pins are effectively aligned to frames.
- 2.2.7 After assembling the basic units, adjustment screws shall be set to their approximate final adjustment and the unit shall be level and plumb so that when additional frames are installed the tower shall be in level and plumb. The centering frames shall be tied together with sufficient braces to make a rigid and solid unit. It shall be ensured that struts and diagonal braces are in proper position and are secured so that frames develop full load carrying capacity. As erection progresses, all connecting devices shall be in place and shall be fastened for full stability of joints and units.
- 2.2.8 Centering layout shall be made by a qualified engineer and shall be strictly followed. The bearing capacity of the soil shall be kept in view for every centering job. The effect of weather conditions shall also be taken into consideration as dry clay may become very plastic after a rainfall and show marked decrease in its bearing capacity.
- 2.2.9 All centering shall be finally, inspected to ensure that :
- Footings under every post of the centering are sound.
All lower adjustment screws or wedges are snug against the legs of the panels.
All upper adjustment screws or heads of jacks are in full contact with the form work.
Panels are plumb in both directions.
All cross braces are in place and locking devices are in closed and secured position.
In case of Chhajja's and balconies, the props shall be adequate to transfer the load to the supporting point.
- 2.2.14 During pouring of the concrete, the centering shall be constantly inspected and strengthened, if required, wedges below the vertical supports tightened and adjustment screws properly adjusted as necessary. Adequate protection of centering shall be secured from moving vehicles or swinging loads.
- 2.2.15 Forms shall not be removed earlier than as laid down in the specifications and until it is certain that the concrete has developed sufficient strength to support itself and all loads that will be imposed on it. Only workmen actually engaged in removing the form work shall wear helmets, gloves and heavy soled shoes and approved safety belts if adequate footing is not provided above 2 m level. While cutting any tying wires in tension, care shall be taken to prevent backlash which might hit a workman.
- 2.2.16 The particular order in which the supports are to be dismantled should be followed according to the instructions of the site engineer.
- 2.2.17 Steel - Except in cases where particular properties are necessary, weldable structural conforming to the Indian Standards should be used in false work for both forms and supports : -

IS : 226-1969, IS :800-1962 & IS : 806 - 1968

Welding work for the mild steel false work should be carried out in accordance with IS:816 - 1970. The permissible stresses should be assumed as given in IS : 800 -1962 and IS : 806- 1968

- 2.2.18 An experienced team of supervisors and carpenters to watch the behaviour of false work during application of loads must be detailed during execution of work.
- 2.2.19 Crash striking of large areas of form works should never be allowed. It may damage the structure and can cause accident.

2.3 Concrete Work

- 2.3.1 Heavy column reinforcement cage may collapse. Proper measures should be taken.

- 2.3.2 During the placing of steel forms for columns/beams walls form side may slip from worker and may collapse on or below and injury may be caused.

Remedial Action : Careful handling of steel forms and also inform the workers working below.

- 2.3.3 Plumb bob should be carefully used.

- 2.3.4 Clamps/Pin of column/beam shuttering may slip from position and fall below, proper handling & lightning required.

- 2.3.5 When erecting forms, placing reinforcement and delivering concrete mix to where it is laid, particular care should be taken to provide reliable supporting scaffolding, planking, stairs, guard rails, barriers and slinging devices for lifting framed constructions, form and reinforcement units.

- 2.3.6 Appropriate measures should be taken to ensure the rigidity of forms & scaffoldings.

- 2.3.7 In concreting, attention should be focused on adequate precautions against accidental electrocution. Housing of vibrators should be earthed as well. It should be remembered that despite a relatively low voltage, operation of vibrators without due regard to safe practices may involve a risk of electrocution.

- 2.3.8 Strict conformance to safe practices is also essential in the operation of concrete mixing

machines, concrete pumps and other machinery.

SAFETY MEASURES AT CONSTRUCTION SITE

Section 3 - Electrical

3.0 Electrical

- 3.1 Electricians should be familiar with the grounding practices, code requirements, and electrical standards commonly encountered in their work.
- 3.2 Deviations from standard practice should be discussed with the Foreman.
- 3.3 Electricians should always work from non-conducting surfaces - never from metal ladders or platforms.
- 3.4 Safety hats, rulers and whenever possible, other tools should be non-conducting.
- 3.5 Electricians are not to work on live circuits at any time.
- 3.6 The switch controlling a building circuit or an equipment circuit must be opened and tagged out by individual undertaking alterations or repairs to those circuits. The circuit should then be tested with a suitable instrument to prove that it is dead before work is started.
- 3.7 Hold off tags on opened switches must never be removed by anyone other than the individuals who attached them.
- 3.8 A tagged open main breaker should not be closed again until everyone in the vicinity of all portions of the circuit has been determined to be in the clear.
- 3.9 Opened panel and similar live equipment around an electrical job can create a hazard to others working in the area or passing by. The electrician must protect these people by using appropriate barriers and/or warning signs.

SAFETY MEASURES AT CONSTRUCTION SITE

Section 4- Equipments

4.0 Equipment's

4.1 Concrete Mixers

- 4.1.1 All gears and roller of concrete mixers shall be adequately guarded to prevent danger.
- 4.1.2 Hoppers into which a person could fall and revolving plates and trough or batch type mixers shall be adequately guarded.
- 4.1.3 Concrete mixers skips shall be protected by side railing to prevent workers from passing under them and operators shall make sure that before lowering the skip, all workers are in the clear.
- 4.1.4 Only well trained operators, who understand all the operations of mixers, should be employed for handling the concrete mixers.
- 4.1.5 When workman are cleaning the inside of the drums, power of the mixers shall be locked in the off position and all fuses shall be removed and a suitable notice hung at the place.

4.2 Concrete Vibrators

- 4.2.1 Vibrating units shall be completely enclosed and belt transmitting the power to the unit adequately guarded.
- 4.2.2 Vibrating needless of poker type vibrators shall be completely sealed against concrete.
- 4.2.3 Electrically operated vibrator shall be totally enclosed units.
- 4.2.4 Air operated vibrators shall have arrangements to change the speed of rotating shaft and air motor to rotate the vibrating needle which shall be completely sealed against concrete.
- 4.2.5 Power operated vibrator shall be provided with effective means of stopping the vibration, if possible by disengaging the vibrator from the engine motor drive.
- 4.2.6 Where possible, the vibrator shall be fitted with shock absorbing handles with rubber or other suitable grips for ease in handling.
- 4.2.7 Electrically operated vibrators shall be protected against overload by suitable overload relays and shall be effectively earthed. Where the operator has to be in direct contact with the vibrator during its operation, low voltage drive with suitable transformer is recommended.
- 4.2.8 While starting the poker vibrators, the needle shall not be resting on a hard surface to avoid bouncing

4.2.9 Excessive bending of the flexible shafts of the poker vibrators while in operation shall be avoided.

4.2.10 Electrical connections to electrically operated vibrators shall be well maintained and short circuiting with the steel reinforcements should be avoided.

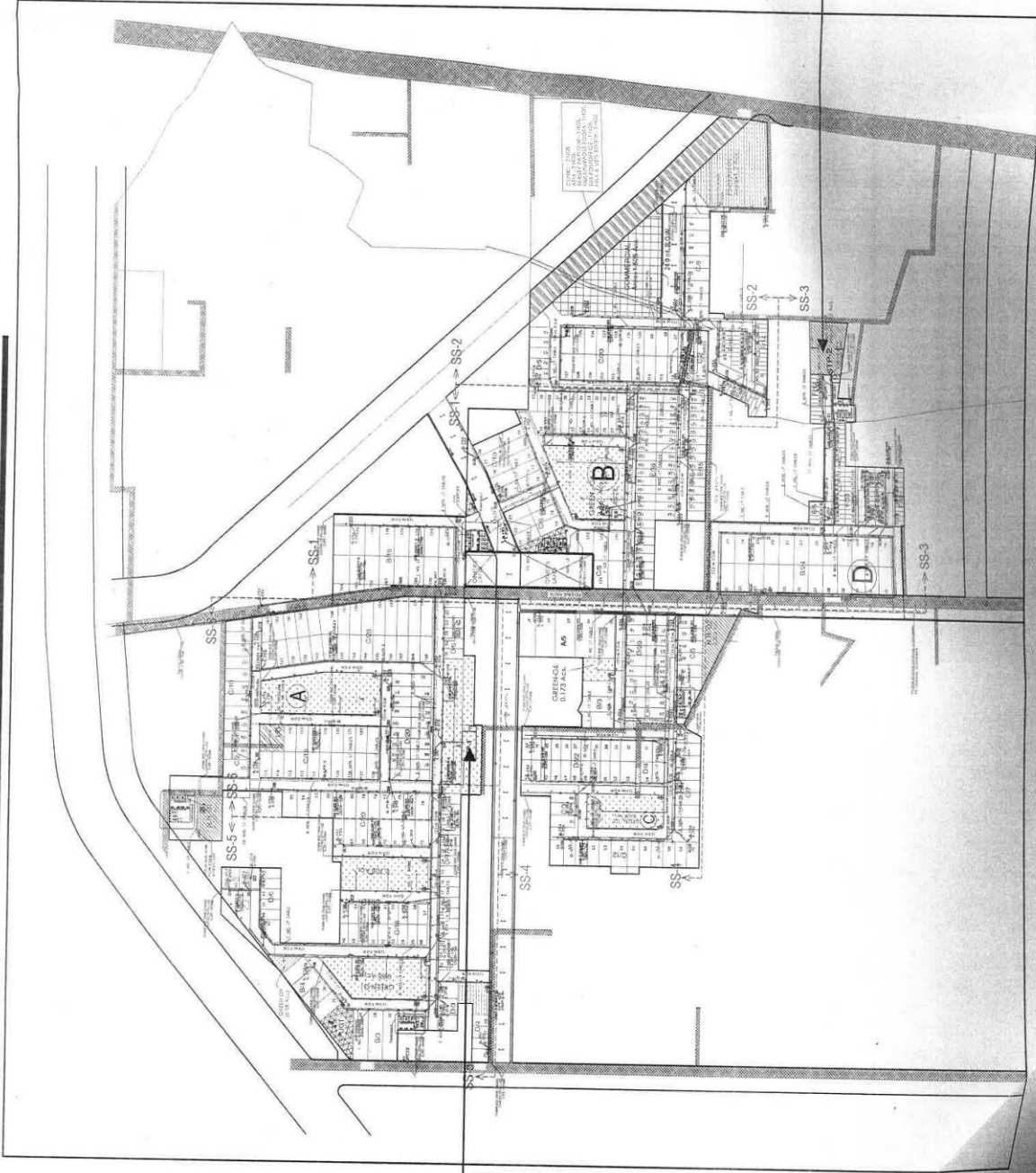
4.3 Construction Machinery

4.3.1 All other construction machinery viz. earth moving, lifting & hoisting, power shovels, cranes, motor trucks, trawlers, road rollers etc. shall be maintained and operated as per manufacturer's instructions and safety precautions shall be rigidly followed. IS:7293:1974 " Safety Code for Working with Construction, Machinery " shall be referred with regard to safety precautions for working with these machines.

Annexure-IV

DUAL PLUMBING PLAN

DUAL PLUMBING PLAN



LEGEND	
	Sewerage Line
	Garden Hydrant Line

STP-1
& ETP-1

STP-2
& ETP-2

Annexure-V
HUDA ASSUARANCE
LETTER FOR WATER SUPPLY

OFFICE OF THE EXECUTIVE ENGINEER HUDA DIVISION AMBALA

To

M/s Unitech Limited
Unitech House, South City-1,
Gurgaon – 122001

Memo No.

15362


Dated.

24/8/12

Sub:- Enquiry regarding supply of Water from HUDA in Sector-16, Ambala for development of Plotted Colony.

Ref :- Please refer to your Memo No. UL/16/2012/126 Dated : 22.08.2012.,

With reference to your quarry regarding supply of water in Sector-16, Ambala, this is informed that water line is not yet laid in this area, as at present, this Sector is not in the possession of HUDA. As & when, the same shall be in the possession of HUDA, the water supply lines shall be laid.


Executive Engineer,
HUDA, Division, Ambala

Annexure-VI
STRUCTURAL
SAFETY CERTIFICATE

Unitech Limited

Unitech House, South City-I
Gurgaon 122 001, Haryana, India

T +91 124 4125 200
F +91 124 2383 332
www.unitechgroup.com

Regd. Office: 6, Community Centre, Saket,
New Delhi - 110017.

T +91 11 41664040



TO WHOM SO EVER IT MAY CONCERN

This is to certify that all G+2 houses proposed to be built by Unitech Ltd. at Ambala, Sector-15 project of Unitech will be structurally designed conforming to design requirements of seismic zone -IV. Further it is certified that the structural analysis and design of the said houses will conform to the IS codes mentioned below:

- 1) IS: 875 (part 1) - 1987
- 2) IS: 875 (part 2) - 1987
- 3) IS: 875 (part 3) - 1987
- 4) IS: 1893 (part 1) - 2002
- 5) IS: 4326 - 1993
- 6) IS: 13920 - 1993
- 7) IS: 1904
- 8) IS: 6403
- 9) IS: 8009
- 10) IS: 456 - 2000
- 11) SP: 16 -1980
- 12) SP: 34 -1987

A handwritten signature in blue ink, appearing to read "Sanjay Tyagi".

(Sanjay Tyagi)
GM- Structural

SANJAY TYAGI
B.E. (CIVIL), F.I.E.
MIAstructE M-058

Annexure-VII
TEHSHILDAR CERTIFICATE



To,
The Tehsildar,
Ambala

हल्ला पटवारी जॉब उपमान 22.04.2011
रिपोर्ट जॉब

Dear Sir,

TEHSILDAR
AMBALA

We would like to inform you that we are absolute owners of land bearing Rect. No.14 Kila No.13, 17/1, 17/2, 18, 22, 23, 24/1, 24/2, 25/1, 25/2, Rect. No.15 Kila No 1/1, 1/2, 2/1, 2/2, 2/3, 2/4, 4/2, 4/3, 5/1, 5/2, 5/3, 5/4, 5/5, 9/2, 10/2, 11/1, 12/1, of M/s Harshil Builders Pvt. Ltd., M/s Samay Properties Pvt. Ltd., M/s Sarnath Realtors Ltd., falling in Village Khurampur Majri Tehsil & Distt. Ambala.

Further it is certified that the above land does not have any Gair Mumkin Pahar, Gair Mumkin Rada, Gair Mumkin Behed, Banjad Beed, Rund in the records maintained by the State Government as on the date of Aravali Notification dated 07.05.1992 in relation to Ambala District of the State of Haryana. The aforesaid land partly/wholly also does not fall under reserved forests/protected forests and section 4 and 5 of the Punjab Land Preservation Act, 1990.

You are requested to issue a certificate for the above and oblige.

Thanking you,

Yours faithfully,

(Rajesh Kumar Bansal)
Manager (Business Development)
Unitech Limited

श्री माननी,
नमस्कार की जाती है कि उपरोक्त व.राम
श्री खुरपुर मानवी लॉ व बिना आचारा में गीलाप
यह जमीन गैर मुमकिन, गैर मुमकिन, गैर मुमकिन, गैर मुमकिन
रिपोर्ट आचार नवी की चला आचारनी लरिया नी पदला
रिपोर्ट सेवा में जलपुत्रे पदला - as -
26/4/11

TEHSILDAR
AMBALA
28/4/11



To,
The Tehsildar,
Ambala

हव्वा पटवारी कोच उकरा न विवाहपूर्व
रिपोर्ट को

22.04.2011

Dear Sir,

TEHSILDAR
AMBALA 25/4/11

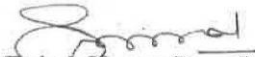
We would like to inform you that we are absolute owners of land bearing Rect. No.32 Kila No.10/2, 11/1, 20/2, 21/1, Rect. No.33 Kila No 6, 13, 15, 16, 17/2, 18, 19/1/1, 22/2, 23, 24/1, 25 of M/s Sarnath Realtors Ltd., falling in Village Patti Rangra Tehsil & Distt. Ambala.

Further it is certified that the above land does not have any Gair Mumkin Pahar, Gair Mumkin Rada, Gair Mumkin Behed, Banjad Beed, Rund in the records maintained by the State Government as on the date of Aravali Notification dated 07.05.1992 in relation to Ambala District of the State of Haryana. The aforesaid land partly/wholly also does not fall under reserved forests/protected forests and section 4 and 5 of the Punjab Land Preservation Act, 1990.

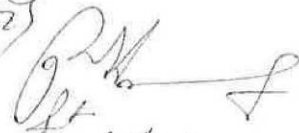
You are requested to issue a certificate for the above and oblige.

Thanking you,

Yours faithfully,


(Rajesh Kumar Bansal)
Manager (Business Development)
Unitech Limited

मी भूमि मी
इसकाई मुलाकात। किले मस। मुलाकात रिपोर्ट
उपरांत मसला करार मी को को मसला न-40 नई
म किले मसला म रिपोर्ट है। उमर मसला, मुलाकात
मसला रिपोर्ट, गैर मु. पहाड़, गैर मु. राडा, गैर मु. बीहड़,
बीड-रन्ड मसी है। मसला मसला मसला मसला
वाटर है। रिपोर्ट मसला मसला मसला


25/4/11
-CS-
TEHSILDAR
AMBALA 25/4/11



To,
The Tehsildar,
Ambala

हल्दा पटवारी जांच उपरांत रिपोर्ट में 22.04.2011

Dear Sir,

TEHSILDAR
AMBALA

We would like to inform you that we are absolute owners of land bearing Rect. No.33 Kila No.7/1, 11/1, 11/2, 14/2, 17/1/1, 20/1, 20/2, Rect. No.34 Kila No 2/2, 3/1, 8/1/2, 15/2/2, 16/1, 16/2, 17/1, of M/s Azores Properties Ltd., M/s Samay Properties Pvt. Ltd., falling in Village Patti Jatan Tehsil & Distt. Ambala.

Further it is certified that the above land does not have any Gair Mumkin Pahar, Gair Mumkin Rada, Gair Mumkin Behed, Banjad Beed, Rund in the records maintained by the State Government as on the date of Aravali Notification dated 07.05.1992 in relation to Ambala District of the State of Haryana. The aforesaid land partly/wholly also does not fall under reserved forests/protected forests and section 4 and 5 of the Punjab Land Preservation Act, 1990.

You are requested to issue a certificate for the above and oblige.

Thanking you,

Yours faithfully,

(Rajesh Kumar Bansal)
Manager (Business Development)
Unitech Limited

श्री मन्त्री,

रिपोर्ट मुताबक किम मन्त्री मुताबक रिपोर्ट

उपरोक्त माफक करार में ही जलन न- 38 नं- 8
किम माफक में 1 नं- 8 है मुताबक रिपोर्ट उपर
शक्ति गौर मु. 4 हाइ, गौर मु. बाड़ा, गौर मु. बीहड़, बीहड़- 2 नं-
नहीं है, यह माफक करार में सारिका से बाहर है
रिपोर्ट में ही है

25/4/11
26/4/11



To,
The Tehsildar,
Ambala

हस्ता प्रवर्गीकरण उपाय
नियमित करें

22.04.2011

Dear Sir,

TEHSILDAR
AMBALA

We would like to inform you that we are absolute owners of land bearing Rect. No.28 Kila No.6/1/1, 13/1/1, 13/2/2, 14/1/2, 16/1, 16/3, 18/2/1/2, 19/2/1/1, 19/2/3/2, 22/1/2/2, 22/2, 23, 24, 25/1, 25/2, Rect. No.29 Kila No 10/2, 11/1, 11/2, 12, 13/1, 17/2, 18, 19, 20/1/1, 20/1/2, 20/2, 21/1, 21/2, 22, 23, 24, Rect. No.32 Kila No 11/2, 12/1, 12/2, 13 min, 18, 19/1, 19/2, 20/1, 21/2, 22, Rect. No.33 Kila No 1, 2/1/1, 2/1/2, 2/2, 3, 4/1, 4/2, 8/2, 9/1/1, 10/1, 20/3, 21/1, 21/2, 21/3, 27, Rect. No.34 Kila No. 3/2, 4, 5, 9/1/2/2, 25, Rect. No.46 Kila No 4, 6/2, 7, 14/1, 14/2, 15/1, 15/2, 16/1, 17/1, of M/s Harshil Builders Pvt. Ltd., M/s Samay Properties Pvt. Ltd., M/s Albrus Properties Pvt. Ltd., M/s Sarnath Realtors Ltd., falling in Village Patti Shekhan Tehsil & Distt. Ambala.

Further it is certified that the above land does not have any Gair Mumkin Pahar, Gair Mumkin Rada, Gair Mumkin Behed, Banjad Beed, Rund in the records maintained by the State Government as on the date of Aravali Notification dated 07.05.1992 in relation to Ambala District of the State of Haryana. The aforesaid land partly/wholly also does not fall under reserved forests/protected forests and section 4 and 5 of the Punjab Land Preservation Act, 1990.

You are requested to issue a certificate for the above and oblige.

Thanking you,

Yours faithfully,

(Rajesh Kumar Bansal)
Manager (Business Development)
Unitech Limited

श्री माननीय
नगरपालिका अधिकारी
आपका पत्र परीक्षा के-39 नं. 1 के अनुसार
1. आपका पत्र परीक्षा के-39 नं. 1 के अनुसार
गैर मु. राडा, गैर मु. बी. ड. बी. ड. राडा गैर मु. राडा
नहीं है। यह नमूने के अनुसार गैर मु. राडा है
इसके अलावा आपका पत्र परीक्षा के-39 नं. 1 के अनुसार
CS-

25/4/11

TEHSILDAR
AMBALA
25/4/11

ANNEXURE-VIII

ELECTRICAL LOAD CALCULATION

ELECTRICAL LOAD CALCULATION & DG SETS DETAILS

- **TOTAL POWER REQUIREMENT** : 8161 KVA
- **SOURCE OF POWER** : Uttar Haryana Bijli Vitran Nigam Ltd.
- **TYPE OF FUEL USED** : Low Sulphur Diesel
- **MEASURE TO CONTROL NOISE LEVEL** : DG sets shall be bought acoustically enclosed ;
supplier and will be kept at surface.

DG set Capacity for Power Backup During Power Failure	Stack Height from Ground Level (m)
2x200	5.8 m
9x250	6.2 m
4x320	6.6 m

≈ 3930 KVA

ANNEXURE-IX

STORM WATER DETAILS

'Plotted Development at Sector-16, Ambala – Brief on Storm Water Drainage System for EIA approval.

Unitech is planning to develop a township spread over about 60 Acres in Sector-16, Ambala. The township will mainly constitute plotted residential development and small commercials. The area is surrounded by two major rivers- river Tangari approx 12 Km East and river Ghagghar 3.5 Km West. The area under development being low lying, adequate earth filling and drainage system has been planned to avoid flooding during rainy season. Typical sketch for drain channel is also enclosed. Peak rain fall intensity of 45mm/hr has been assumed for calculations.

Excess storm water after accounting for runoff from the buildings and roads of the complex and considering adequate rain water recharge arrangement being proposed shall flow into the drain outside the complex provided by HUDA along NH-1.

For Rain Water Harvesting, following has been proposed.

1. Provision of collecting roof top run-off through khurras.

Roof top rain water run off shall be collected through the rain water khurras and conveyed through vertical pipes connected to the net work of under ground pipes and catch basins. These catch basin shall be connected to the external drain channel.

2. Provision of collecting surface run-off through drain channel.

Surface and plot run offs shall be collected and connected to the net work of storm water covered drain channels which shall be connected to the water body as proposed in land scape plan.

3. Provision of Oil and Grease Trap.

Oil and grease traps shall be provided at the end of drain channel before connecting to the water body.

4. **Provision of Rainwater recharge arrangement (Water body)**

This shall be made in the form of water bodies which shall be equivalent to 5% of the area of site(as per the MOEF Guidelines).

5. **External Storm Water drain.**

Over flow of the water bodies and balance surface run off shall be connected to the net work of pipes and manholes. These pipes shall be connected to the HUDA drainage system. This drainage system would run along the NH-1.

There is a river Ghagghar, which flow 3.5 K.M (West) from the site. The High flood level at Ghagghar is 268.5 M (AMSL) in 2004 and our site proposed level would be 273.4 M (AMSL).

Hence there would be no effect of river ghagghar to our site.

SCHEME OF RAIN WATER HARVESTING

SOIL QUALITY : Silty clay
 INFILTRATION RATE : 8.6 mm/hr
 ANNUAL RAINFALL : 723 mm
 PEAK HOURLY RAINFALL : 45 mm
 GROUND WATER LEVEL : 1.9 to 2.8 m depth
 NUMBER OF PITS REQUIRED : 60

S. No.	Description of Area	Area Considered (Sq. M)	Harvesting Factor / Collection Efficiency per area	Retention time for capacity of recharge tank (in minutes) (Peak hourly 45 mm/hr)	Water Available for Rain Water Harvesting (Cubic Mtrs/min)
1	Water available from terraces of apartment buildings and other roof-top surfaces	69474.3838	0.85	11	649
2	Paved surfaces, roads & other area	92556.2038	0.65	11	662
3	Green Area	82372.8496	0.20	11	181
	GRAND TOTAL	242808			1492

The required no. of rain water harvesting pits as per the SEAC requirement are 60 Nos.

Total no. of Plots

544

No. of Pots under construction

132

As per the Town & Country Planning Department Notification No.10093 dated 11th April, 2007 one pit is provided for each plot having roof area more than 100 sqm. Hence no. of rain water harvesting pits provided are 132 Nos. of rainwater harvesting pits for the green area which is much more than the required rain water harvesting pits as per SEAC. Apart from this as suggested by SEAC, Haryana 5% of net planned area i.e. of approx. 12626 sqm (5.29% of net plot area) will be provided as water bodies in the green area for rain water harvesting purpose. All the rain water overflow rain water from the roof top & rainwater harvesting pits will be collected in to these water bodies and harvested in the natural way.

STORM WATER DRAINAGE PLAN



ANNEXURE-X
WATER TANKER
SUPPLY AGREEMENT

SHYAM & VINAY CONSTRUCTION CO.

3612/12, Near Shani Dev Mandir, Manmohan Nagar, Ambala City.
Mob. : 98967 73323, 94162 26374

Ref. No

Dated.....

Date: 13/08/2012

To,

M/s Unitech Limited,
Unitech Residential Plotted Colony,
Sector-16, Ambala,
Haryana

Subject: Supply of Tanker water for proposed 60 Acres "Unitech Residential Plotted Colony" at sector-16, Ambala, Haryana

Dear Sir,

Please refer to our discussions regarding Tanker water supply for 60 Acres "Unitech Residential Plotted Colony" being developed by M/s Unitech Limited at sector-16, Ambala, Haryana.

We hereby agree to supply tanker water from surface water source for the construction activities of proposed 60 Acres "Unitech Residential Plotted Colony" at sector-16, Ambala, Haryana on as an when requirement basis up to 60 KLD as per our mutually agreed terms and conditions till the completion of the project .

Thanking you,

SHYAM & VINAY
Construction Co.
3612/12, Near Shani Dev Mandir, Manmohan Nagar,
Ambala City.
Authorized signatory"
(Shyam & Vinay Construction Co.)

Vinay Kumar
SHYAM & VINAY
Construction Co.
3612/12, Manmohan Nagar,
Ambala City.
-133003



ATTESTED
31/8/12
(SAJAJ SINGH)
ADVOCATE & NOTARY
GURGAON (HARYANA)

ANNEXURE-XI

**HEAT GAIN
FACTOR R & U VALUE**

BUILDING MATERIAL WITH U, R, K, CP, DENSITY,

SOLAR HEAT GAIN FACTOR VALUES

WALL						
Thickness	Specific Heat (C_p)	Density	K Value	R Value	U Value	U Value in Btu/hr.ft 2°F
230 mm thick brick	0.84 j/g.k	1920 Kg/m ³	0.6 W/(m ² k)	0.38 m ² ° C/W	2.61 W/(m ² K)	0.46
U value of the Wall Assembly						
0.45 Btu/hr.ft 2°F						
GLASS						
Glazing Type	Clear Glass			SHGC	VLT%	
	U Value in W/(m ² K)					
Single Glazed Unit	6.5 W/(m ² K)			0.82	75	
M Factor				0.38		
North				0.88		
South				0.79		
E/W				0.79		
Effective SHGC Values Due to Effect of Overhangs of Balconies						
Glass	SHGC With Shading					
Single Clear Glass	North		South	E/W		
	0.72		0.65	0.65		
ROOF Construction						
Thickness	Specific Heat (C_p)	Density	K Value	R Value	U Value	U Value in Btu/hr.ft 2°F
230 mm thick brick	0.88 j/g.k	2500 KG/m ³	0.4 W/(m ² K)	0.35 m ² ° C/W	2.67 W/(m ² K)	0.4696
U value of the Wall Assembly						
0.45 Btu/hr.ft 2F						
M/s Unitech Ltd.						

M/s Unitech Ltd.

ANNEXURE-XII

WATER BALANCE DETAILS

WATER ESTIMATION

Description	Population	LPCD	Water Requirement in KLD	Waste Water in KLD
Domestic				--
Residents	5616	@135	758 KLD	
EWS	1152	@100	115 KLD	
staff	100	@45	4 KLD	
Visitors	675	@15	10 KLD	
Commercial				-
Staff	300	@45	13 KLD	
Visitors	2785	@15	42 KLD	
Facilities				
Nursery school				--
Staff	40	@45	2 KLD	
Visitors	365	@15	5 KLD	
Primary School				--
Staff	100	@45	4 KLD	
Visitors	910	@15	14 KLD	
Nursing Home				-
Staff	24	@45	2 KLD	
Inpatient	20	@135	3 KLD	
OPD	356	@15	5 KLD	
Domestic Sub-total			977	841
			(Domestic – 683, Flushing – 294)	(Domestic – 547, Flushing – 294)
Laboratory in Nursing Home - I & 2			10	6
Landscaping		2.51 litre/sqm	205 KLD	Nil
Misc			20 KLD	12 KLD
Total			1212 KLD	859 KLD

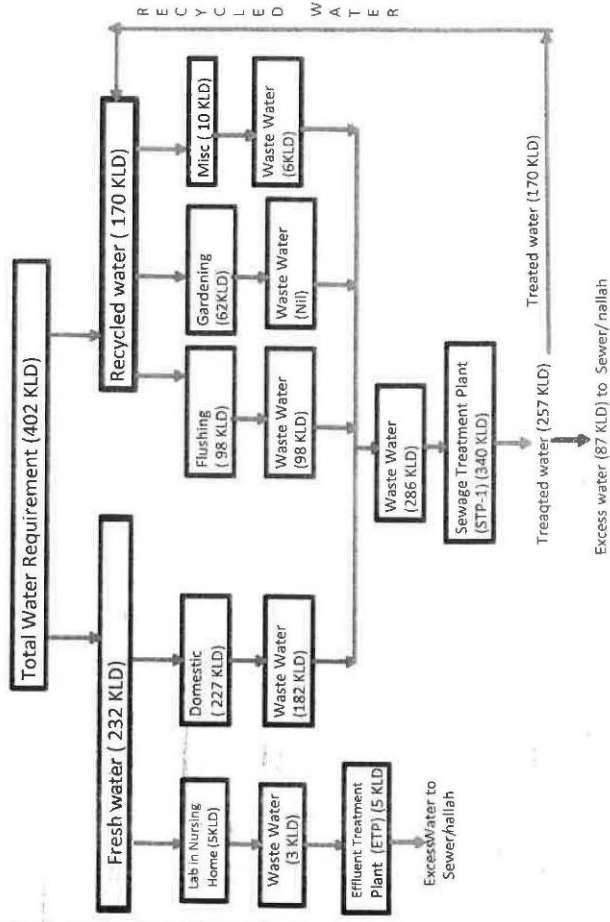
Source of water : HUDA
Total Water Requirement : 1212 KLD
Treated Water Requirement : 519 KLD
Net Fresh Water Requirement : 693 KLD
Waste Water Discharge : 859 KLD
STP Capacity : 680 KLD & 340 KLD = 1020 KLD (SAFF Technology)
ETP Capacity : 2 no. of 5 KLD = 10 KLD each

- As the plot has been divided in two parts due to the sector road, hence, there will be two STPs & two ETPs for treating the waste water.

WATER MANAGEMENT (For STP-1 & ETP-1)

Description	Population	LPCD	Water Requirement in KLD	Waste Water in KLD
<u>Domestic</u>				--
Residents	2322	@135	313	
staff	30	@45	1	
Visitors	202	@15	3	
<u>Nursing home</u>				--
Staff	12	@45	1	
In-patients	10	@135	1	
OPD	178	@15	3	
<u>Nursery School</u>				--
Staff	20	@45	1	
Visitors	182	@15	2	
Domestic Sub Total			325 (Domestic – 227, Flushing – 98)	280 (Domestic – 182, Flushing – 98)
<u>Laboratory in Nursing Home-1</u>			5	3
<u>Landscaping</u>		2.5 litre/sq m	62	Nil
<u>Misc</u>		10	10	6
Total			402	289

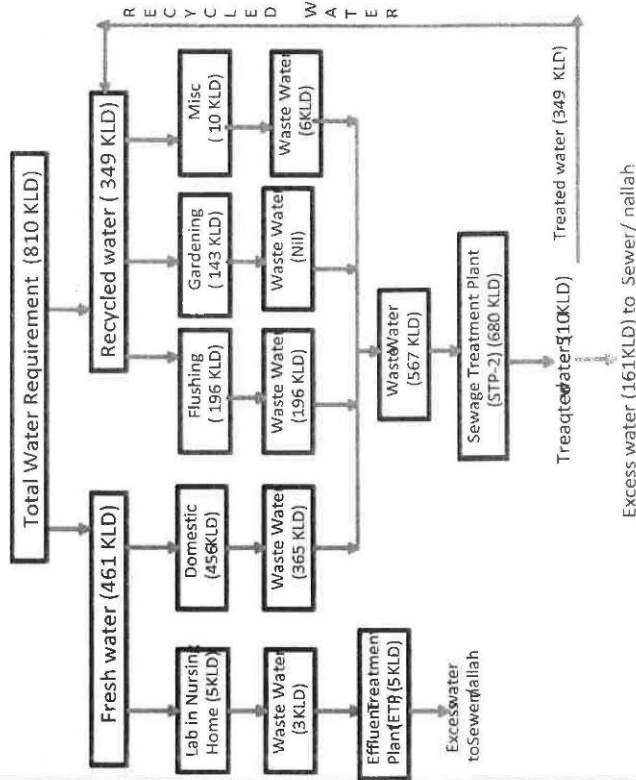
WATER BALANCE



WATER MANAGEMENT (For STP-2 & ETP -2)

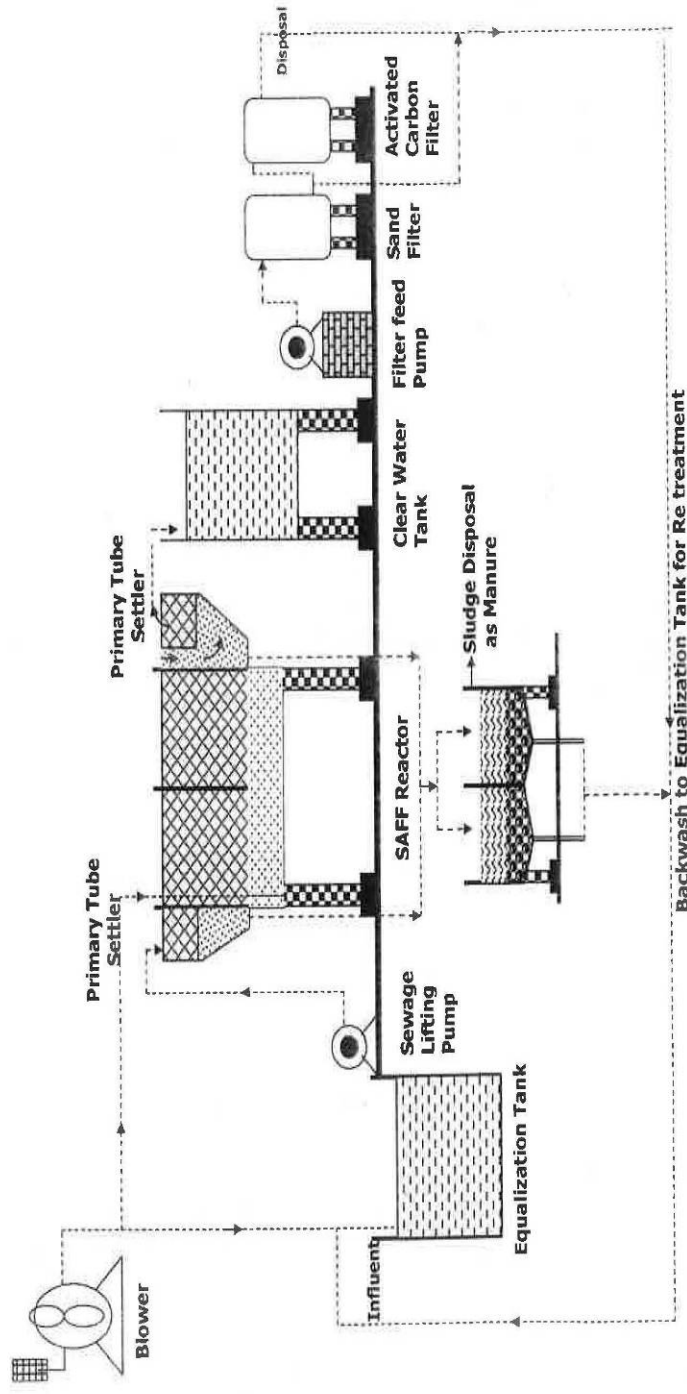
Description	Population	LPCD	Water Requirement in KLD	Waste Water in KLD
Domestic				--
Residents	3294	135	445	
EWS	1152	100	115	
staff	70	45	3	
Visitors	473	15	7	
Nursing home				--
Staff	12	45	1	
In-patients	10	135	2	
OPD	178	15	2	
Nursery School				--
Staff	20	45	1	
Visitors	183	15	3	
Primary School				--
Staff	100	45	4	
Visitors	910	15	14	
Commercial				--
Staff	300	45	13	
Visitors	2785	15	42	
Domestic Sub Total			652 (Domestic - 456, Flushing - 196)	561 (Domestic - 365, Flushing - 196)
Laboratory in Nursing Home-2			5	3
Landscaping			143	Nil
Misc			10	6
Total			810	570

WATER BALANCE

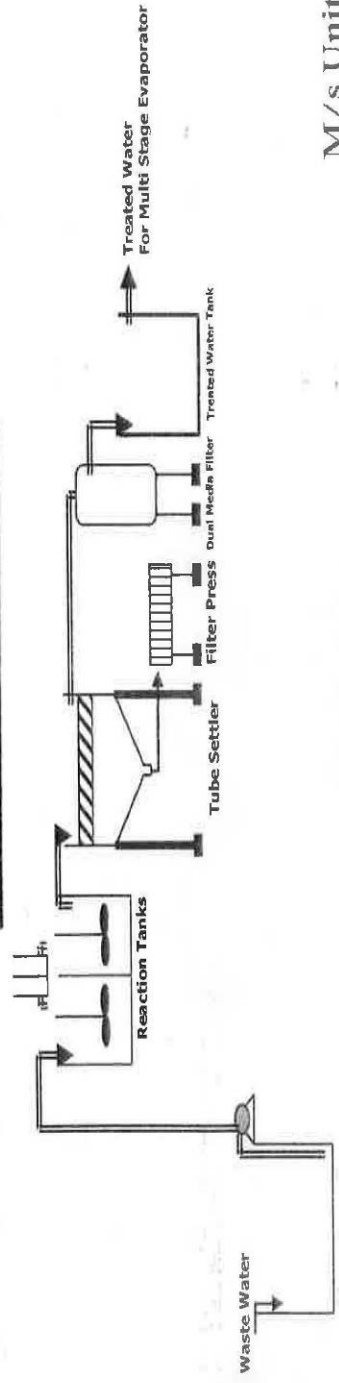


Waste Water Treatment

Scheme of STP(680 KLD & 340 KLD) based on SAFF Technology



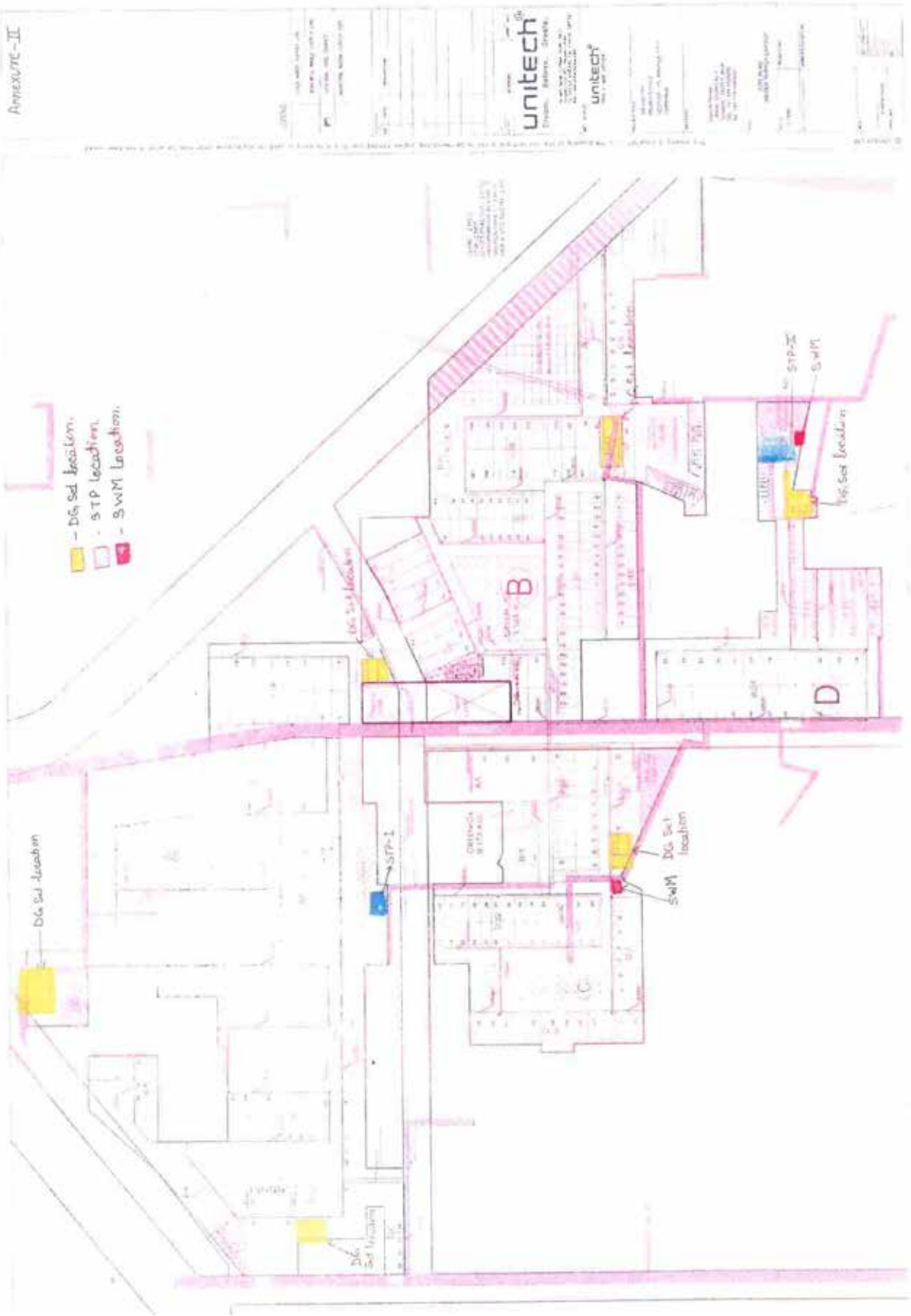
Scheme of ETP (5 KLD)



ANNEXURE-XIII

SOLID WASTE DISPOSAL LOCATION

Appendix - II



ANNEXURE-XIV

PARKING DETAILS

PARKING MANAGEMENT

PARKING REQUIREMENT

<u>Description</u>	<u>Calculation</u>	<u>Requirement</u>
Parking Requirement for residential		Within the plots
Parking requirement for commercial	$FAR/50 = 9257.169/50 = 185 \text{ ECS}$	185 ECS
Parking Requirement for other facilities	Primary School - 10 ECS, Nursery School - 10 ECS Nursing Home - 20 ECS	40 ECS
TOTAL		225 ECS

PARKING PROVISION

<u>Description</u>	<u>Calculation</u>	<u>Provision</u>
Residential		Within the plots
Commercial Basement Parking	2300 sqm/35	66 ECS
Commercial Surface Parking	3500 sqm/25	140 ECS
Other Facilities	Primary School - 15 ECS Nursery School - 15 ECS Nursing Home - 25 ECS (within Plots)	55 ECS
TOTAL		261 ECS

M/s Unitech Ltd.

ANNEXURE-XV

EIA/EMP FORM-1, 1A

NOTE: Due to large size of the file we are submitting only hard copy of the same.

Unitech Limited

Unitech House, South City-I
Gurgaon 122 001, Haryana, India

T +91 124 4125 200
F +91 124 2383 332
www.unitechgroup.com

Regd. Office: 6, Community Centre, Saket,
New Delhi - 110017

T +91 11 41684040

unitech

UL/Residential plotted-Ambala/SE/IAA -EC/0704/2012

Date: 07.04.2012

To
Member secretary
State Environmental Impact Assessment Authority, Haryana
Bays No. 55-58, Paryatan Bhawan
Sector-2, Panchkula

Sub: Environmental Clearance of proposed 60 Acres "Unitech Residential Plotted Colony" at Sector 16 Ambala, Haryana being developed by M/S Unitech Ltd.

Dear Sir,

We wish to construct "Unitech Residential Plotted Colony" of 60 Acres at Sector-16, Ambala, Haryana. The built up area of the project is 179344.7025 m² which is more than 1,50,000 sq m. Hence the project falls under the category 8 (b) as per the New notification dated 14th September 2006.

Thus, we are applying for Environmental Clearance under category 8 (b).

We are enclosing the following items:

1. FORM I
2. FORM IA
3. EIA REPORT
4. ANNEXURES
5. CONCEPTUAL PLAN
6. LICENCE FROM DEPARTMENT OF TOWN & COUNTRY PLANNING
7. DISCLOSURE OF ENVIRONMENTAL CONSULTANT

We shall be thankful if Environmental Clearance process be initiated at the earliest

Thanking you

Yours faithfully
M/s Unitech Ltd


Authorized Signatory



**State Environment Impact Assessment Authority, Haryana,
Bays No.55-58, Prayatan Bhawan, Sector-2, Panchkula.**

RECEIPT

Received application (Form-1, Form-1A and Conceptual Plan) from **M/S Unitech Limited**, Unitech House, South City-1, Gurgaon- 122 001, Haryana, Regd. Office. 6, Community Centre, Saket, New Delhi - 110017; seeking Environmental Clearance for proposed 60 Acres "Unitech Residential Plotted Colony" at Sector-16, Ambala, Haryana on **11-04-2012**.

The Project Proposal is registered at **Sr. No. 20** of the list.

Manu
For **M.S. SEIAA,**
Haryana, Panchkula.

ANNEXURE-XVI
NOTICE PUBLICATION
IN NEWS PAPER DETAILS

valuations are based on concerns for the party and the manner in which it is being run. He is not happy with the RSS' interference in party matters, which is surprising considering his proximity to the RSS. The RSS last week endorsed Modi's name as the prime ministerial candidate but with a rider that the BJP must present a united house before the announcement.

Advani's resistance to Modi first became public when he resigned from all party posts after Modi's elevation as party's election campaign committee chief.

New Delhi, September 12: As a result of the drop in international crude oil prices and weakening of the rupee, petrol prices may be cut by Rs 1-1.50 per litre next week while the government is still mulling over the issue of a one-time hike in diesel and LPG rates.

Petroleum Secretary Ramesh Rao said the issue of a one-time hike in diesel and cooking fuel rates "is a political and economic challenge" from which "we cannot run away."

"Some burden has to be borne by consuming population. That is the challenge government faces. It is a political

issue that runs from," he said, adding it is a conference organised by Oil India Productivity Council in New Delhi.

He added that the subsidy on kerosene reached unsustainable levels which cannot be supported by government and oil companies.

The subsidy, he said, had risen by Rs 20,000 crore in last two months alone on depreciating rupee that made imports costlier.

Rao said a decision on raising rates beyond 50 paise a litre in diesel is being on effect currently would be taken after considering all options. — PTI

SC notice to UP, Centre over relief

From page 1

the state and the Centre, he argued.

The state pleaded with the SC not to issue notice to the Centre in the case, but sensing the mood of the Bench it scaled down its request to restrict the order to the need for immediate relief measures to the victims.

Muzaffarnagar bore the brunt from where alone 38 deaths have been reported. Two of the injured succumbed to their injuries, taking the number of dead in Baghpat to three. One death each has been reported from Saharanpur and Meerut.

The situation in the rural

AJIT SINGH HELD

Union Minister for Civil Aviation and Baghpat MP Ajit Singh was arrested along with his supporters from Baghpat bypass when he was on the way to visit his constituency. When he was not allowed to enter the district even alone, he courted arrest and demanded the immediate dismissal of the Akhilesh Yadav government and imposition of President's rule for its complete failure to prevent the riots.

Muksar waterlogging

From page 1

Another factor contributing to the problem was excessive irrigation. Easy availability of canal water had led to flood irrigation and this had raised the level of subsoil water over the years.

"I would say that excessive water allowance, a technical term for allocation of quantity of water to acreage of land from a canal outlet, is responsible for waterlogging in the area," Dr Samra maintained.

"During 1950-60, the subsoil water level was 150 ft. It was now about 5 ft, leaving no scope for the surface rainwater to seep into the soil," explained the expert.

unitech

NOTICE

This is for information that proposed 10,618 acres "Nivina Country-III" Residential Plotted cum Group Housing Project at Sector-70, VIL, Gurgaon, Haryana being developed by M/s Unitech Limited has been accorded Environmental Clearance letter received from State Environment Impact Assessment Authority (SEIAA), Haryana. Vide Environmental Clearance letter no SEIAA/HR/2013/595 dated 01.09.2013 received on 09.09.2013 & as per EIA notification dated 14.09.2006. The copies of the said environmental clearance letter is available with the State Environment Impact Assessment Authority, Haryana and can also be seen on their website www.seiaahry.in and our official website www.unitechgroup.com

unitech

NOTICE

This is for your information that proposed 60 acres "Unitech Residential Plotted Colony" at Sector-16, Ambala, Haryana being developed by M/s Unitech Limited has been accorded Environmental Clearance letter received from State Environment Impact Assessment Authority (SEIAA), Haryana. Vide Environmental Clearance letter no SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013 & as per EIA notification dated 14.09.2006. The copies of the said environmental clearance letter is available with the State Environment Impact Assessment Authority, Haryana and can also be seen on their website www.seiaahry.in and our official website www.unitechgroup.com

करेंगे व्यापारी

बादल से मुलाकात की

के दौरान
गया था।
इसी रोष
भर में
हड़ताल
सुखबीर
ने अच्छे
के अगर
नी जाती
फैसला

एमएसएमई के सेक्रेटरी से मिले इंडस्ट्रियलिस्ट्स

लुधियाना. शहर के इंडस्ट्रियलिस्ट एमएसएमई के सेक्रेटरी माधवलाल से मिले व उन्होंने अपनी समस्याएं भी बताईं। फौसी के प्रधान बादीश जिंदल और फोपसिया के महासचिव राजकुमार सिंगला ने माधवलाल का स्वागत करते हुए कहा कि लुधियाना में मीडियम, स्माल व माइक्रो इंटरप्राइजेज सबसे ज्यादा हैं। यहां एमएसएमई को परेशानियों का सामना करना पड़ रहा है।

unitech NOTICE

This is for your information that proposed 60 acres "Unitech Residential Plotted Colony" at Sector-16, Ambala, Haryana being developed by M/s Unitech Limited has been accorded Environmental Clearance letter received from State Environment Impact Assessment Authority (SEIAA), Haryana. Vide Environmental Clearance letter no SEIAA/HR/2013/583 dated 04.09.2013 received on 09.09.2013 & as per EIA notification dated 14.09.2006. The copies of the said environmental clearance letter is available with the State Environment Impact Assessment Authority, Haryana and can also be seen on their website www.seiaahry.in and our official website www.unitechgroup.com

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ANNEXURE-XVII

**ADVERTISHMENT
SUBMITTED TO SEIAA**

DEPARTMENT OF POST
PARCEL BRANCH

297

24 SEP 2013

S.No.	Name of Address	Post office of Destination	Amount of Postage Paid Rs. P.	Remarks
RH 1218	4620 OIN Vinay Kumar Mangya	U.A.E	Rs 75/-	Regd Air Mail
4621	SIN Basil Rohit Doriai	Dubai	-d-	-d-
RH 1218	4622 TIN Nareish Kumar	Gurgaon	Rs 25/-	Regd Air Mail
4623	SIN Lalid Kumar Raghav	-d-	-d-	-d-
4624	4IN Ishu	-d-	-d-	-d-
4625	8IN Rami Kankhal.	-d-	-d-	-d-
4626	1IN Rashmi Varma.	-d-	-d-	-d-
4627	SIN Chweta Rao	-d-	-d-	-d-
4628	9IN Surabhi Chaturvedi	-d-	-d-	-d-
4629	2IN Vineet Bagga	-d-	-d-	-d-
4630	1IN Rajat Gupta	-d-	-d-	-d-
4631	SIN Rushpa Sharma	N'Delhi	-d-	-d-
4632	9IN Nikunj Udayag.	-d-	-d-	-d-
4633	2IN Gora Sanitary ware the Gujarat	-d-	-d-	-d-
4634	SIN Anurag Kulk	Himanchal	-d-	-d-
4635	OIN Suman Arora	Rahtole	-d-	-d-
4636	2IN Member Secretary Panchbula	Panchbula	Rs 32/-	Regd Post
4637	7IN Additional Director T.O.	N'Delhi	-d-	-d-
4638	SIN Manager Canara Bank	-d-	Rs 22/-	-d-
4639	4IN Manager P.N.B	Gurgaon	-d-	-d-
4640	3IN Ashok Kumar Kaurish	-d-	-d-	-d-
4641	7IN Subash Chandar Sood	Himanchal	-d-	-d-
4642	SIN Vikrant Sharma	Punjab	-d-	-d-
4643	4IN Vivek Sati	Singapore	Rs 75/-	Regd Air Mail
4644	8IN Manoj Kumar Gupta	-d-	-d-	-d-

Unitech Limited

Unitech House, South City-I
Gurgaon 122 007, Haryana, India

+91 124 4125 200
+91 124 2383 332
www.unitechgroup.com

Regd. Office: 6, Community Centre, Saket,
New Delhi - 110017.

+91 11 41654040

Ref: Advertisement/SEIAA-H/Ambala/2509/2013
Date: 25.09.2013

unitech

To,
The Member Secretary,
State Environment Impact Assessment Authority, Haryana
Bay No. 55-58, Prayatan Bhawan,
Sector- 2, Panchkula,
Haryana.

Ref: EC No. SEIAA/HR/2013/583 dated 04.09.2013 (Part B- General Condition point no. VII).


Sub: Submission of Advertisement Copy Published in two local News Paper informing regarding the Grant of Environmental Clearance of Proposed 60 Acres "Unitech Residential Plotted Colony" at Sector-16, Ambala, Haryana by Unitech Limited.

Dear Sir,

In reference to the above mentioned subject, we are pleased to intimate you that, we have obtained Environmental clearance letter for our 60 Acres "Unitech Residential Plotted Colony" at Sector-16, Ambala, Haryana by Unitech Limited from SEIAA, Haryana ref no SEIAA/HR/2013/583 dated 04.09.2013 recived on dated 09.09.2013 and as per General Condition- Part-B, point no VII of the Environmental Clearance, the advertisement has been published in two local News Paper (English & Hindi) viz. The Tribune (English) & Danik Bhaskar (Hindi) on dated 13 .09.2013. The copy of the same is enclosed herewith for your ready refrence. The Environmental Clearance letter also available on our official website for public awareness.This is for your kind information and necessasy office records.

Thanking you,

Yours faithfully
For Unitech Limited


26/09/2013
Authorized Signatory

Cc: Additional Director (IA Division), MoEF, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003.

Encl: As stated above.

ANNEXURE-XVIII

ENVIRONMENTAL POLICY

ENVIRONMENTAL POLICY

unitech

We, at Unitech Ltd. are committed not only to fulfill applicable Environmental legislations but also to take our own initiatives for the betterment of the environment, both during the Construction as well as Operation phase of our construction projects. We are continuously evolving & improving our construction standards by adopting best available techniques.

ENVIRONMENTAL IMPLEMENTATION GUIDELINES:

- To identify, assess and responsibly manage the environmental risk through management plan.
- To comply with all the applicable rules and regulations.
- To minimize / optimize consumption of natural resources through the reduction, reuse or recycling of materials, as much as possible.
- To actively promote the concept of sustainability in the building design & implementation.
- To integrate the consideration of environmental concerns and impacts in all of our decision making and activities.
- To promote environmental awareness among our employee and encourage them to work in an environmentally responsible manner.
- To impart knowledge & training and motivate all those influenced by the project's activities to participate responsibly in Environment improvement.
- To have systems in place to appraise employees and partners in meeting Environmental obligations
- To strive to continually improve its environmental performance by periodically reviewing its environmental policy in light of current and planned work.

Dated: 05th June, 2012



(Chairman)
Unitech Limited

**Ref: UL/Residential/Ambala/2905/2014****To,****The Director(S)****Northern Regional Office, Ministry of Environment & Forests****Bays No.24-25, Sector-31-A****Dakshin Marg, Chandigarh – 160030****The Member Secretary,****State Environment Impact Assessment Authority (SEIAA), Haryana****Bays No.- 55-58, Prayatan Bhavan, Sector-2, Panchkula-134109****Haryana****Date: 29.05.2014****The Chairman,****Haryana State Pollution Control Board,****C-11, Sector – 6, Panchkula, Chandigarh-134109****Haryana**

Subject: Submission of IInd six monthly compliance reports due in the month of June, 2014 for the construction of 60 Acres "Unitech Residential Plotted Colony" Project at Sector-16, Village- Patti Shekhan, Khurampur Majari, Patti Rangra Tehsil and District Ambala, Haryana being developed by M/s Unitech Ltd.

Ref: EC letter No. SEIAA/HR/2013/583 dated 04.09.2013**Respected Sir,**

This is with reference to point no. ii of the general condition of Environmental Clearance (EC) letter no SEIAA/HR/2013/583 dated 04.09.2013 received from SEIAA, Haryana. We would like to intimate you that due to the present unfavorable market scenario the construction are progressing at very slow pace and present construction status of the project is almost same as per the details given in the initial compliance report vide letter no. UL/Residential/Ambala/3011/2013 dated:30.11.2013

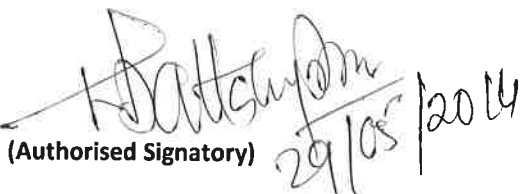
Therefore we are requesting you kindly consider the initial compliance report (vide letter no. UL/Residential/Ambala/3011/2013 dated:30.11.2013) as the latest status of the project for six monthly compliance of June, 2014.

We are committed to comply with the terms and conditions given in environmental clearance letter are followed rigorously for the project as far as applicable and feasible of compliance

Thanking you in anticipation,

Yours faithfully,

For Unitech Limited


(Authorised Signatory) 29/05/2014



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

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

Telephone No. – 0172-2577870-73

No. HSPCB/Consent/ : 2821213AMBCTE255455

Dated:09/12/2013

To

M/s : Unitech Residential Plotted Colony
Sector-16, Ambala
AMBALA
133001

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 Unitech Residential Plotted Colony, for manufacturing of /Residential Plotted Colony with the following terms and conditions:-

1. The industry has declared that the quantity of effluent shall be 1212 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 1212 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.

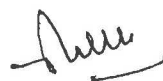
11. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.
12. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, 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

- 1 Unit shall obtain trial consent to operate before start of production

Other Conditions :





Scientist C, HQ

*For and on be'half of chairman
Haryana State Pollution Control Board*