Gera Tech Park, Hinjewadi, Pune

Six monthly compliance report

For the period of Dec-May 2018

By Gera Developments Pvt. Ltd.

dc

BUILDING WITH iQ

Date: 01.06.2018

To,

The Additional Director (S),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra-440001.

Sub: Submission of Compliance for Environmental Clearance for construction of commercial Project "Gera Tech Park" at Hinjewadi, Pune for the period of Dec 2017 - May 2018

Ref: Environment clearance letter vide No. **SEAC- IIII- 2015/CR .125/TC 3**

Respected Sir,

With reference to the above mentioned subject, please find enclosed point wise compliance report of environmental clearance with relevant annexures as per condition laid down by the Ministry of Environment and Forest in its clearance letter No. **SEAC- IIII- 2015/CR .125/TC 3**

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For Gera Developments Pvt.Ltd.

Authorized Signatory

Encl:

1. **Part A : Project information**
2. **Part B : Pointwise compliance of EC conditions**
3. **Annexures**
4. **EC copy**

2105 / 7/7/18

...वरण, वन एवं जलवायु परिवर्तन मंत्रालय
...stry of Environment, Forest & Climate Change
...कार्यालय (पश्चिम मध्य क्षेत्र)
...onal Office (Western Central Zone)
... पूर्व खंड / Ground Floor, East Wing
... सचिवालय भवन / New Secretariat Building
... लाईन्स / Civil Lines
नागपुर / Nagpur-440 001

05/07/18

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Enclosures

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13.	Environment Management Plan	Annexure X
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	& provision)		
10.	Note on the initiated work (If applicable)	NA	Construction was initiated after getting EC Please refer **Annexure I: construction status**
11.	LOI / NOC from MHADA / Other approvals (If applicable)	NA	NA
12.	Total Plot Area (sq. m.) Deductions Net Plot area	Total Plot Area: 14,855 m^2 Deductions : --- Net plot area : 14,855 m^2	Construction is in accordance with plan sanction from MIDC
13.	Permissible FSI (including TDR etc.)	Permissible FSI : 29,710 m2	Construction is in accordance with plan sanction from MIDC
14.	Proposed Built-up Area (FSI & Non-FSI)	FSI : 26,733.00 m^2 Non FSI : 26,414.33 m^2 Total : 53,147.33 m^2	Construction is in accordance with plan sanction from MIDC
15.	Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	5267 m^2 (35.46%)	Construction is in accordance with plan sanction from MIDC
16.	Estimated cost of the project	INR 114.41 Cr	Projected cost is as per EC
17.	No. of building & its configuration(s)	<table><tr><td></td><td></td><td></td></tr><tr><td>Building -1</td><td>1</td><td></td></tr><tr><td>Building -2</td><td>1</td><td></td></tr></table>	Refer **Annexure I: construction status**
18.	Number of tenements and shops	Shops = 31 no's Offices = 578 no's	Construction is in accordance with plan sanction from MIDC
19.	Number of	4481	Construction is in accordance

	expected residents / users		with plan sanction from MIDC
20.	**Tenement density per hector**	NA	NA
21.	**Height of the building(s)**	Building 1- 65.46 m Building 2- 14.22 m	Construction is in accordance with plan sanction from MIDC
22.	**Right of way (Width of the road from the nearest fire station to the proposed building(s))**	40 m wide external road, nearest fire station-Hinjewadi MIDC is about 6 km from the site.	Details are same as given in EC
23.	**Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation**	Turning radius for easy access of fire tender movement from all around the building is 9 m	We will provided appropriate road width so as to get easy access for fire tender movement
24.	**Existing structure(s)**	Currently there are existing structures on site which will be demolished in due course of time as per project requirement.	Currently we are utilizing existing structures as site office.
25.	**Details of the demolition with disposal (If applicable)**	1. Material to be reused a. MS angle=Approximately 3MT, will be used for Site Barrication b. MS sheet= Approximately 1000 Sqm will be used for Site Barrication c. Glass partition= Approximately 540Sqm Will be used at Sample unit at other project d. Sanitary wares Will be used at Sample unit at other project 2. The following debris will be used in ground leveling and filling for the internal road.	Details of demolition will be given when done.

		a. RCC, BBM , Plaster & Tiles = 280 cum,.	
26.	**Total Water Requirement**	**Commercial :** **Dry season :** Source: MIDC • Fresh water: 128 m^3/day • Recycled water (Flushing): 80 m^3/day • Recycled water (Gardening): 15 m^3/day • HVAC Makeup: NA • Total Fresh water Requirement : 128 m^3/day • Excess treated water: 30 m^3/day • Firefighting (Cum): 320 m^3 **Wet Season:** • Fresh water: 128 m^3/day • Recycled water(Flushing): 80 m^3/day • Recycled water (Gardening): NA • HVAC Makeup: NA • Total Fresh water Requirement : 128 m^3/day • Excess treated water: 45 m^3/day • Firefighting (Cum): 320 m^3	Water requirement calculated as per standard. Currently project is in construction phase
27.	**Details about Swimming Pool:**	NA	NA
28.	**Rain Water Harvesting (RWH)**	Level of the Ground water table: Pre-monsoon: 15-20 m below ground level Post monsoon: 6-8 m below ground level • Size and no of RWH tank(s) and Quantity : 1 tank of 124 m^3 • Location of the RWH tank(s): At 2nd level Parking. • Size, no of recharge bore well and Quantity: NA • Recharging Pit with Bore well: 6 no • Grease cum De-silting chamber: 6	Project is in construction phase. We have included RWH details as given in EC in Project design and will implement the same.

		no • Surface RWH Units: NA • Budgetary allocation (Capital cost and O & M cost) Capital Cost :- Rs 15 lacs O & M cost :- Rs 1.50 /- annum	
29.	**UGT tanks**	Domestic UG tank Capacity: 128 m^3 Flushing UG tank Capacity: 142 m^3 Fire UG tank Capacity: 300 m^3	Project is in construction phase. We have included UGT details as given in EC in Project design and will implement the same.
30.	**Storm water drainage**	• Natural water drainage pattern: - East to West • Quantity of storm water: 0.274 m^3/sec • Size of SWD : 450 mm wide trench (depth variable)	Project is in construction phase. We have included SWM details as given in EC in Project design and will implement the same.

31.	**Sewage and Waste water**	• **Residential:**
		• **Sewage generation** (CMD): 170 m^3/day
		• **Capacity of STP** (CMD): 180 m^3
		• **STP technology**: MBBR
		• **Budgetary allocation (Capital cost and O & M cost):**
		  • Capital Cost: - Rs.41 lacs
		  • O & M cost: - Rs. 4 lacs/annum
			Project is in construction phase. We have included STP details as given in EC in Project design and will implement the same.

32.	Solid waste Management	**Waste generation in the pre-Construction and Construction phase:** • **Waste generation:** 35 kg/day • **Quantity of the top soil to be preserved:** 10055 cum • **Disposal of the construction waste debris:** This material shall be used for back filling and leveling of the road **Waste generation in the operation phase :** **Commercial** • **Biodegradable waste:** 469 kg/day • **Non-Biodegradable :** 648 kg/day • **Hazardous waste:** NA • **Biomedical waste (Kg/month) (If applicable):** Nil • **STP sludge:** 24 kg/day **Mode of Disposal of waste:** • **Dry waste:-** Handed over to SWaCH agency • **Wet waste:** OWC • **E-waste:** Handed over to HiTech Recycling India Pvt Ltd • **Hazardous waste:** N. A. • **Biomedical waste (Kg/month) (If applicable): NA** • **STP sludge:** Used as manure **Area Requirement:** **Location: -** Total area provided for the storage and treatment of the solid waste: 27.42 m^2 **Budgetary allocation** Capital Cost :- Rs. 10 Lacs O & M cost :- Rs.0.54 Lacs/annum	Project is in construction phase. We have included Solid waste Management details as given in EC in Project design and will implement the same.

33.	*Green belt development*	*Green Belt Development* **Mandatory RG area: 1485 m^2** **Additional Green area: On top of basement slab at GF and UGF: 2010.0 m^2** **Number & list of trees species to be planted in the ground RG: 185 nos.**

S. No.	Common Name	Botanical Name	Quantity
1	Awala/Amala	*Phyllanthus emblica*	10
2	Mango/Amba	*Mangifera indica*	12
3	Cassia/Kashid	*Cassia javanica*	15
4	Cassia/Kashid	*Cassia fistula*	25
5	Chinch	*Tamarindus indica*	10
6	Chiku/Sapota	*Achras sapota*	5
7	Ficus	*Ficus benjamina*	10
8	Jamun/Jambhul	*Syzigium cumminii*	3
9	Kadunimb/Neem	*Azadirachta indica*	10
10	Kadamb	*Anthocephalus kadamba*	2
11	Narial/Coconut	*Cocos nucifera*	10
12	Devchafa/Chafa White	*Plumeria alba*	15
13	Chafa Red	*Plumeria rubra*	15
14	Peru/Guava	*Psidium guajava*	5
15	Parijat/Parijatak	*Nectanthus arbor-tristis*	5
16	Ram phal	*Annona reticulata*	2
17	Tabebuia	*Tabebuia rosea*	19
18	Wad	*Ficus benghalensis*	1

19	Booch/Indian Cork Tree	*Millingtonia hortensis*	10
20	Pimpal	*Ficus religiosa*	1
		Total	**185**

- **Number & list trees species to be planted around the border of nallah/ steam/ pond (If any): NA**
- **Total existing trees: 35 nos.**
- **Trees to be retained as it is: NA**
- **Trees to be cut at later stage: NA**
- **Number, Size, Age and Species of trees to be cut, trees to be transplanted:**

Sr.no	Common name	Botanical name	No
1	Neem	*Azadirachta indica*	14
2	Subabhul	*Leucaena leucocephala*	15
3	Babhul	*Vachellia nilotica*	6
		Total	**35**

- **NOC for the tree ~~cutting~~/ transplantation/ ~~Compensatory plantation~~, if any: NOC for Transplantation is received.**

Budgetary allocation:

Capital Cost :Rs.24 Lacs

O & M Cost: Rs. 2.5 Lacs/annum

Status : construction is just initiated and transplantation work will be carried out as per tree NOC received from garden department submitted at time of EC

34.	Energy	**Power Supply:** • Connected Load: 3943 kW • Maximum demand: 2577 kW • No of Transformer: 4 no x 1000 kVA • Total DG power consumption: 1250 kVA x 3 nos. 100 % back up shall be provided in case of power failure only **Energy saving measures** • Solar powered lighting in external	Project is in construction phase. We have included Energy consumption and saving details as given in EC in Project design and will implement the same.

		common area • Use of Energy efficient BEE labeled electrical fixtures. • Solar Water heaters for restaurant Kitchens. • **Compliance of the ECBC guidelines: (~~Yes~~/No) (If yes then submit compliance in tabular form):** We are adopting Some features which are listed below • High Efficiency 1000 kVA transformers with losses not more than 9.81 kW at 100% loading. • High Efficiency Eff. 2 class motors will be used to drive the water supply transfer pumps. • Power factor correction to be applied and it shall maintain their power factor between 0.95 Lag and unity at the point of connection. • Power cabling shall be adequately sized as to maintain the distribution losses not to exceed 1% of the total power usage. • Solar water heating with insulated piping distribution system for restaurants. **Budgetary allocation (Capital cost and O&M cost)** Capital Cost: Rs. 67 Lacs O & M Cost: Rs. 5 lacs/annum **Whether HT Line passing through the plot: Not Any** **Number and capacity of the DG sets to be used:** 3 DG sets of 1250 kVA capacity each D.G. Set Capacity shall be provided in case of power failure only.	

<table>
<tr><td></td><td></td><td>Type of fuel used: HSD</td><td></td></tr>
<tr><td>35.</td><td>Environmental Management plan Budgetary Allocation</td><td>Environmental Management plan Budgetary Allocation:
<table>
<tr><th>Sr. No.</th><th>Parameter</th><th>Set up cost in lacs</th></tr>
<tr><td>1</td><td>STP Cost</td><td>41.00</td></tr>
<tr><td>3</td><td>Rain Water Harvesting</td><td>15.00</td></tr>
<tr><td>4</td><td>Environmental Monitoring</td><td>MoEF & CC approved laboratory</td></tr>
<tr><td>5</td><td>Gardening</td><td>24.00</td></tr>
<tr><td>6</td><td>Solid waste</td><td>10.00</td></tr>
<tr><td>7</td><td>Energy Saving measures and solar heating</td><td>67.00</td></tr>
<tr><td>8</td><td>Excess Surface runoff Pumping & Basement Dewatering Pumps</td><td>12.00</td></tr>
<tr><td>9</td><td>Centralized Grease Interceptor</td><td>8.36</td></tr>
<tr><td>10</td><td>Basement Ventilation System</td><td>97.00</td></tr>
<tr><td></td><td>Total</td><td>274.36</td></tr>
</table></td><td>Projected Cost given at time of EC. We will follow EMP during operation Phase.</td></tr>
</table>

36.	**Traffic Management** **Parking efficiency statement:**	Parking areas and parking numbers are in accordance with plan sanction from MIDCand EC

Parking efficiency statement

Level	Required Equivalent Car Space	Proposed car parking nos.	Required area for proposed park as per NBC norms	Proposed Parking Area (Sq.mt.)	Provided Equivalent Car Space (Sq.mt.)
		4W			
A	B	C	D	E	F
P2+P1+LGF	35	410	14350	14760	36
Open on LGF	25	165	4125	4342	26.31
GF	30	45	1350	1496	33.24

Part B

Pointwise compliance

Genera l conditions for preconstruction phase

1	This environmental clearance is issued subject to land use verification. Local Authority /planning authority should ensure this with respect to Rules, regulations, Notifications, Government Resolutions, circulars, etc. Issued if any. Judgments/orders issued by honorable high court, honorable NGT, honorable supreme court, regarding DCR provision, Environmental issues applicable in this matter should be verified. PP should submit exactly same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to Environment department. This environment clearance is issued with respect to environmental considerations and it does not mean that State Level Impact Assessment Authority (SEIAA) approved proposed land use.	Project under reference is commercial construction project in MIDC area. Construction is in accordance with plan sanction from MIDC
2.	E waste shall be disposed though Authorized Vender as per E Waste (Management and handling) Rules 2011	Project is in construction phase now. We will follow E waste (Management and Handling) Rule 2011 during operation phase
	Fire staircase and Fire lift shall not go to basement and shall be terminated on ground floor. No parking area provided at end of basement so as to provide vehicles smooth turning access	We have received Fire NOC from Chief fire office and will follow all conditions mentioned in Fire NOC for the project.
	PP to provide vertical shaft to improve natural ventilation and lighting in 2nd basement and car parks shall be removed and also provide vertical pits outside the building line	We have provided ventilation plan at time of getting EC and will follow the same during construction and operation
	Occupation certificate shall be issued to the project by local planning authority only after ensuring availability of drinking water and connectivity of sewer line to the project site	Project is in construction phase well connected with drinking water and sewage network of Hinjewadi IT BT park. We will submit occupancy certificate at time of completion of project.
	PP to provide separate Dg set and OWC for Restaurant (Building 2)	We have included separate DG set and OWC in design of Building 2 currently project is in construction phase
	The environmental clearance is issued subject to obtaining NOC from forestry and wild life angle including clearance from standing committee of the National Board of wild life as if applicable and	Project under reference is in MIDC area hence not applicable

	this environmental clearance does not necessarily implies the forestry and wild life clearance granted to the project which will be considered separately on merit	
	PP has to abide by conditions stipulated by SEAC and SEIAA	We have incorporated all conditions given by SEAC and SEIAA in project design
	The height, construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body and it should ensure the same along with survey number before approving layout plan and according to commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	Project under reference is commercial construction project in MIDC area. Construction is in accordance with plan sanction from MIDC
7.	Consent of Establishment shall be obtained from Maharashtra Pollution control Board under Air and water Act and a copy shall be submitted to Environment department before start of any construction Work at site	**Please refer Annexure II :Consent to Establish**
8.	All Required sanitary and hygiene measure should be place before stating construction activities and to be maintained throughout the construction phase	**Please refer Note on Sanitary and hygiene measures Annexure III**

General conditions for construction phase

1.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and first aid room etc.	Please refer Note on Sanitary and hygiene measures **Annexure III**
2.	Adequate drinking water and sanitary facilities should be provided for construction workers on site Provision should be made for mobile toilets. The safe disposal of wastewater and solid waste generated during the construction phase should be ensured	Please refer Note on Sanitary and hygiene measures **Annexure III**
3.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material	Waste generated from excavation, concrete waste is mainly kept aside and further used for site only for leveling and development purpose. Respected contractors are taking care of disposal of additional waste generated at site to authorized site

		which is mentioned in the Work order **Please refer WO of Excavation contractor Annexure IV**
4.	Disposal of muck during construction phase should not create any adverse effect on neighboring communities and be disposed off taking necessary precautions for the general safety and health aspects of people. Only in approved sites with the approval of competent authority	There was no muck generation hence Not applicable
5.	Arrangement shall be made that waste and storm water do not get mixed	During construction phase waste water generation on only though labour camp toilet blocks. Mobile toilets are provided to Labour camp and waste will be disposed off though authorized vender hence there is not mixing of storm and water. **Please refer Annexure III**
6.	All toil soil excavated during construction activities should be stored for use in the horticulture/landscape development	Usable Top soil excavated was kept for further utilization in landscape development
7.	Additional soil for leveling of the proposed site shall be generated within the sites to the extent possible so that natural drainage system if the area in protected and Improved	Waste generated during excavation used for further leveling purpose.
8.	Green belt development shall be carried out considering CPCB guideline including selection of plant species and in consultation the local agriculture department	Project is in construction phase now Green belt development will be carried out as per landscape plan submitted at time of getting EC. Landscape comprises indigenous varieties of trees as per CPCB guideline
9.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching heavy metals and other toxic contaminants	Yes soil and ground water samples are tested **Environment Monitoring Repot Enclosed as Annexure V**
10.	Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water course and the dumpsites for such material must be secured so that they should not leach in to the ground water	Construction waste generated in project premises will be disposed off though respective contractor. There is no use of any hazardous material. Material storage is done in secure and enclosed manner so that there is no leaching of chemicals in to the ground.
11.	Any hazardous waste generated during the construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board	Construction waste generated in project premises will be disposed off though respective contractor. There is no use of any hazardous material.
12	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should confirm to environment (protection) Rules prescribed for Air and noise	DG set installed on site confirming noise and emission standards of CPCB

	emission standard	
13.	The diesel required for operating DG set shall be stored in underground tanks and if required clearance from concern authority shall be taken	DG set used is for back up purpose hence storage of diesel is not required.
14	Vehicles hired for bringing construction material to the site should be in good condition and should have pollution check certificate and should confirm to the applicable air and noise emission standard and should operate during non-peak hours	We are keeping check on PUC certificates of construction vehicles though security staff.
15.	Ambient noise level should confirm to residential standard both during day and night. Incremental pollutions loads of ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce air and noise levels during construction phase, so as to confirm to stipulated standard by CPCB/MPCB	Monitoring of Ambient air and noise is being done though MOEF approved laboratory **Environment Monitoring report is enclosed as Annexure V**
16.	Fly ash should be used as building material in the construction as per provisions of Fly ash notification of September 1999 and amendment as on 27th August 2003. (The above condition is applicable only if project is located within the 100 km if thermal power station)	Project is in construction phase, construction is just initiated. We are using CLC for construction of entire project
17.	Ready mixed concrete must be used in building construction	We will use 100% RMC for building construction. **Please refer annexure VI : Sample RMC Chalan**
18.	The approval of competent authority shall be obtained for structural safety of the building due to any possible earthquake and adequacy of firefighting equipment's etc. as per National Building Code	We will obtain structural liability certificate and submit the same in subsequent compliance report.
19.	Storm water control and its re use as per CGWB and BIS standards for various applications	We will provide Storm water line and RWH system as per CGWB guideline.
20	Water demand during construction should be reduced by use if pre mixed concrete, curing agents and other best practices referred	We will practice water preservation measures during construction phase and will submit details in subsequent report.
21	The ground water level and its quality should be monitored regularly in consultation with ground water Authority	We are not using ground water for construction or operation purpose. **Environmental Monitoring and Analysis report Enclosed as Annexure V**
22	The installation of Sewage treatment plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent if any should be discharge in the sewer line. Treated effluent	Project is in construction phase now. We will submit third party inspection report at time of installation of STP.

	emanating from STP shall be recycled/reused to the maximum extent possible. Discharge of this unused treated affluent if any should be discharge in to the sewer line. Treatment if 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odor problem from STP	
23	Permission to draw ground water and construction of basement if any shall be obtained from competent authority prior to construction/operation of the project	We are not withdrawing ground water hence not applicable.
24.	Separation of gray and black water should be done by the use of plumbing line for separation of Gary and black water	We will provide Sewage treatment plant for treatment of entire sewage generating n project up to tertiary level hence separation of grey and black sewage is not needed
25.	Fixtures for showers toilet flushing and drinking should be low flow either by use of aerators or pressure reducing devices or sensor based control	Project is in construction phase We will provide low flow fixtures for entire project and submit details in subsequent report.
26.	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on Air conditioning. If necessary use high Quality double glass with special reflective coating in window	Project is in construction phase. We will submit properties of glass at time of installation of the same.
27	Roof should meet perspective requirement as per energy conservation Building code by using appropriate thermal insulation material to fulfill requirement	Project is in construction phase we will submit roof insulation details at time of execution of the same
28	Energy conservation measures like Installation of CFLs/TFLs for the lighting areas outside the building should be integral part of project design and should be place before commissioning. Use CFL and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guideline/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install after checking feasibility solar plus hybrid non-conventional energy source as source of energy.	Project is in construction phase we will comply with all energy conservation measures mentioned in EC
29.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be enclosed type and confirm to rules made under the Environment (Protection) Act 1986. The height of attack of DG set should be equal to the	Project is in construction phase DG sets will be provided as back up source only for common area lighting and services. We will provide appropriate stack height for all DG sets as specified by Pollution Control Board in consent to Establish.

	height needed for combined capacity of all proposed DG sets. Use low Sulphur Diesel .The location of DG set may be decided with in consultation with Maharashtra Pollution control Board	
30.	Noise should be controlled to ensure that it does not exceed prescribed standard. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with prevalent regulations	**Environment Monitoring Report enclosed as Annexure V**
31.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Parking is fully internalized as per plan sanction by MIDC.
32.	Opaque wall should meet perspective requirement as per Energy conservation Building cod. Which is proposed to be mandatory for all air conditioned spaces which it is aspiration for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement	Construction is just initiated at site, We will provide details in subsequent report
33.	The Building should have adequate distance between them to allow movement of fresh air and passage of natural light air and ventilation	Building construction is as per sanction plan by MIDC thus provided adequate distance between buildings
34.	Regular supervision of the above and other measures for monitoring should be in place all though the construction phase so as to avoid disturbance to the surrounding	We have Environment management cell, safety staff along with construction team is monitoring project environment and there is no disturbance to surrounding due to our development. **Details of Environment Management Cell Enclosed as Annexure VII**
35	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 without obtaining environmental clearance	We have started construction after getting environmental clearance.
36	Six monthly monitoring report should be submitted to the Regional Officer MOEF, Bhopal with copy to this department and MPCB	**Please refer Annexure VIII acknowledgement copy of last submission**

General Conditions for Post Construction /Operation Phase

1	Project Proponent shall ensure completion of STP, MSW disposal facility, Green Belt development prior to occupation of the buildings. As agreed during SEIAA meeting PP to	Project is in construction phase; construction is just initiated. We will comply with the condition in operation phase.

	Explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it in to sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure installed and made functional including water requirement in para2. Prior certification from appropriate authority shall be obtained	
2	Wet garbage should be treated by organic waste converter and treated manure should be utilized in the existing premises for gardening. And no wet garbage will be disposed outside the premises	Project is in construction phase; construction is just initiated. We will comply with the condition in operation phase.
4	Local body should ensure that no occupation certificate is issued prior to operation of STP/MSW site Etc. with due permission from MPCB	We will obtain consent to Operate from MPCB after installation of STP/MSW
5	In the case of any change in the scope of the project the project would require fresh appraisal by this department	Yes, we had already applied some minor/typographical corrections in EC **Please refer Annexure IX**
6	A separate environmental management cell with qualified staff be set up for implementation of stipulated environmental safeguards	Environment management cell with Qualified staff is working for Management of environment safeguards. Please find enclosed **details of environment management cell as Annexure VII**
7	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item wise break up. This cost shall be included as a part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purpose and year wise expenditure should be reported to MPCB and This department	Projected environmental cost as per **Environment Management Plan enclosed as Annexure X**
8	The project management shall advertise at least in two local newspaper widely circulated in the region around the project. One of which shall be in the Marathi language of the local concerned within seven days of issue of this letter informing that the project has been accorded environmental clearance and copies of the clearance letter are available with the Maharashtra pollution control Board and may be also seen at website http:// ec.maharshtra.gov.in	We have given advertisement in two local newspapers on getting Environmental clearance. **Copy encloses as Annexure XI**
9.	Project Management should submit half yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the MPCB and this department on1st June and 1st	**Please refer Annexure VIII acknowledgement copy of last submission**

	December of each calendar year	
10.	A copy of the Clearance letter shall be sent by proponent to the concerned municipal corporation and the local NGO, if any from whom suggestion/representations if any were received while processing the proposal. The clearance letter shall also be out on the website of the company by project proponent	No representation/suggestions from any NGO with reference to this project hence not applicable. We have submitted copy of environmental clearance to MIDC. Refer **Annexure XII: Acknowledgement copy of EC submitted to Local body(MIDC)**
11.	The proponent shall upload the status of compliance of stipulated EC conditions, including result of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office if the MOEF. The respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM. SO2, NOx(ambient levels as well as Stack Emission) Or Critical sector parameters, indicated for the project shall be monitored and displayed at the convenient location near the main gate of the company In the public domain	We will upload the Six monthly compliance and monitoring report to our website post submission along with acknowledgement.
12.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard and soft copies as well as by Email) to the respective regional office of MOEF, The respective zonal office of CPCB and the MPCB	Noted
13.	The environment Statement For Each financial year ending 31st March in form V as is mandated to be submitted by the project proponent to the concerned state pollution control Board as prescribed under the Environment (Protection) Act 1986 as amended subsequently shall also be put on the website of the company along with the status of compliance of EC conditions and shall also sent to the Respective Regional Office of MOEF by Email.	We will submit environment statement before 30th Sept and submit the acknowledgement along with next compliance report.

EC copy

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-III-2015/CR-125/TC-3
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032
Date: 12th July, 2016

To,
Gera Development Pvt. Ltd.
200, Gera Plaza, Boat club Road,
Pune- 4110 01.

Subject: Environmental clearance for proposed commercial project "Gera tech Park Ltd" at plot no. 1B , Rajiv Gandhi Infotech-biotech Park, Phase-II,Village Man,Taluka mulshi, Pune by M/s. Gera developers Pvt. Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 39th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 99th meeting.

2. It is noted that the proposal is considered by SEAC-III under screening category 8(a) B2 as per EIA Notification 2006.

Brief Information of the project submitted by you is as-

1.	Name of Project	"Gera tech Park" Plot No.1B, Rajiv Gandhi Infotech-Biotech Park, Phase-II, Village – Man, Taluka- Mulshi, Pune, Maharashtra
2.	Project Proponent	Ms. Sunaina Gera Gera Development Pvt.Ltd. 200, Gera Plaza, boat club Road , Pune 020 – 26165580
3.	Consultant	M/s. Ultra-Tech Environmental Consultancy & Laboratory
4.	Consultant (NABET Accreditation)	NABET Certificate Number: NABET/EIA/1417/RA010
5.	Type of project: Housing project / Industrial Estate /SRA scheme / MHADA / Township or others	Tech Park under STPI Scheme
6.	Location of the project	Plot no.1B, Rajiv Gandhi Infotech-Biotech Park, Phase-II, Village – Man, Taluka- Mulshi, Pune, Maharashtra

<table>
<tr><td>7.</td><td>Whether in Corporation / Municipal / other area</td><td>MIDC</td></tr>
<tr><td>8.</td><td>Applicability of the DCR</td><td>MIDC-DCR</td></tr>
<tr><td>9.</td><td>IOD/IOA/Concessi ondocumentoranyo therformofdocume ntasapplicable(Clar ifyingitsconformity withlocalplanningr ules&provision)</td><td>Applied</td></tr>
<tr><td>10.</td><td>Note on the initiated work (If applicable)</td><td>NA</td></tr>
<tr><td>11.</td><td>LOI / NOC from MHADA / Other approvals (If applicable)</td><td>NA</td></tr>
<tr><td>12.</td><td>Total Plot Area (sq. m.)
Deductions
Net Plot area</td><td>Total Plot Area: 14,855 m^2
Deductions : ---
Net plot area : 14,855 m^2</td></tr>
<tr><td>13.</td><td>Permissible FSI (including TDR etc.)</td><td>Permissible FSI : 29,710 m2</td></tr>
<tr><td>14.</td><td>Proposed Built-up Area (FSI & Non-FSI)</td><td>FSI : 26,733.00 m^2
Non FSI : 26,414.33 m^2
Total : 51,147.33 m^2</td></tr>
<tr><td>15.</td><td>Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</td><td>5267 m^2
(35.46%)</td></tr>
<tr><td>16.</td><td>Estimated cost of the project</td><td>INR 114.41 Cr</td></tr>
<tr><td>17.</td><td>No. of building & its configuration(s)</td><td><table><tr><th>Building Type</th><th>No. of Buildings</th><th>No. of Floors</th></tr><tr><td>Building -1</td><td>1</td><td>2B+LGF+GF+UGF+14 Floors</td></tr><tr><td>Building -2</td><td>1</td><td>2B+3 floors</td></tr></table></td></tr>
<tr><td>18.</td><td>Number of tenements and shops</td><td>Shops = 31 no's Offices = 578 no's</td></tr>
<tr><td>19.</td><td>Number of expected</td><td>4481</td></tr>
</table>

	residents / users	
20.	Tenement density per hector	NA
21.	Height of the building(s)	Building 1- 65.46 m Building 2- 14.22 m
22.	Right of way (Width of the road from the nearest fire station to the proposed building(s))	40 m wide external road, nearest fire station-Hinjewadi MIDC is about 6 km from the site.
23.	Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is 9 m
24.	Existing structure(s)	Currently there are existing structures on site which will be demolished in due course of time as per project requirement.
25.	Details of the demolition with disposal (If applicable)	1. Material to be reused a. MS angle=Approximately 3MT, will be used for Site Barrication b. MS sheet= Approximately 1000 Sqm will be used for Site Barrication c. Glass partition= Approximately 540Sqm Will be used at Sample unit at other project d. Sanitary wares=Will be used at Sample unit at other project 2. The following debris will be used in ground leveling and filling for the internal road. a.RCC, BBM , Plaster & Tiles = 280 cum,.
26.	Total Water Requirement	Commercial : Dry season: Source: MIDC • Freshwater: 128 m^3/day • Recycled water (Flushing): 80 m^3/day • Recycled water(Gardening): 15 m^3/day • HVACMakeup: NA • Total Fresh water Requirement : 128 m^3/day • Excess treated water: 30 m^3/day • Firefighting(Cum): 20 m^3 Wet Season: • Freshwater: 128 m^3/day • Recycled water(Flushing): 80 m^3/day • Recycled water(Gardening): NA • HVAC Makeup: NA • Total Fresh water Requirement : 128 m^3/day

		• Excess treated water: 45 m^3/day • Firefighting (Cum): 320 m^3
27.	Details about Swimming Pool:	NA
28.	Rain Water Harvesting (RWH)	Level of the Ground water table: Pre-monsoon: 15-20 m below ground level Post monsoon: 6-8 m below ground level • Size and no of RWH tank(s) and Quantity : 1 tank of 124 m^3 • Location of the RWH tank(s): At 2nd level Parking. • Size, no of recharge bore well and Quantity: NA • Recharging Pit with Bore well: 6 no • Grease cum De-silting chamber: 6 no • Surface RWH Units: NA • Budgetary allocation (Capital cost and O & M cost) Capital Cost :- Rs 15 lacs O & M cost :- Rs.1.50 /- annum
29.	UGT tanks	Domestic UG tank Capacity: 128 m^3 Flushing UG tank Capacity: 142 m^3 Fire UG tank Capacity: 300 m^3
30.	Storm water drainage	• Natural water drainage pattern: - East to West • Quantity of storm water: 0.274 m^3/sec • Size of SWD : 450 mm wide trench (depth variable)
31.	Sewage and Waste water	• Residential: • Sewage generation (CMD): 160 m^3/day • Capacity ofSTP(CMD): 170 m^3 • STP technology: MBBR • Budgetary allocation (Capital cost and O & M cost): • Capital Cost: - Rs.41 lacs • O & M cost: - Rs. 4 lacs/annum

32.	Solid waste Management	Waste generation in thepre-Construction and Construction phase: • Waste generation: 35 kg/day • Quantity of the top soil to be preserved: 10055 cum • Disposal of the construction waste debris: This material shall be used for back filling and leveling of the road Waste generation in the operation phase: Commercial • Biodegradable waste: 469 kg/day • Non-Biodegradable : 648 kg/day • Hazardous waste: NA • Biomedical waste (Kg/month) (If applicable): Nil • STP sludge: 24 kg/day Mode of Disposal of waste: • Dry waste:- Handed over to SWaCH agency • Wet waste: OWC • E-waste: Handed over to Hi Tech Recycling India Pvt Ltd • Hazardous waste: N. A. • Biomedical waste (Kg/month) (If applicable): NA • STP sludge: Used as manure Area Requirement: Location: - Total area provided for the storage and treatment of the solid waste: 27.42 m^2 Budgetaryallocation Capital Cost :- Rs. 10 Lacs O & M cost :- Rs.0.54 Lacs/annum
33.	*Green Belt Development* Mandatory RG area: 1485 m^2 Additional Green area: On top of basement slab at GF and UGF: 2010.0 m^2 Number & list of trees species to be planted in the ground RG: 185 nos.	

S. No.	Common Name	Botanical Name	Quantity
1	Awala/Amala	*Phyllanthus emblica*	10
2	Mango/Amba	*Mangifera indica*	12
3	Cassia/Kashid	*Cassia javanica*	15
4	Cassia/Kashid	*Cassia fistula*	25
5	Chinch	*Tamarindus indica*	10
6	Chiku/Sapota	*Achras sapota*	5
7	Ficus	*Ficus benjamina*	10
8	Jamun/Jambhul	*Syzigium cumminii*	3
9	Kadunimb/Neem	*Azadirachta indica*	10
10	Kadamb	*Anthocephalus kadamba*	2
11	Naral/Coconut	*Cocos nucifera*	10
12	Devchafa/Chafa White	*Plumeria alba*	15
13	Chafa Red	*Plumeria rubra*	15
14	Peru/Guava	*Psidium guajava*	5
15	Parijat/Parijatak	*Nectanthus arbor-tristis*	5
16	Ram phal	*Annona reticulata*	2
17	Tabebuia	*Tabebuia rosea*	19

18	Wad	*Ficus benghalensis*	1
19	Booch/Indian Cork Tree	*Millingtonia hortensis*	10
20	Pimpal	*Ficus religiosa*	1
		Total	185

- Number&listtreesspeciestobe plantedaround theborderofnallah/steam/ pond (Ifany): NA
- Total existing trees: 35 nos.
- Trees to be retained as it is: NA
- Trees to be cut at later stage: NA
- Number, Size, Age and Species of trees to be cut, trees to be transplanted:

Sr.no	Common name	Botanical name	No
1	Neem	*Azadirachta indica*	14
2	Subabhul	*Leucaena leucocephala*	15
3	Babhul	*Vachellia nilotica*	6
		Total	35

- NOC forthe ~~treecutting~~/ transplantation/ ~~Compensatoryplantation~~,ifany: NOC for Transplantation is received.

Budgetaryallocation:
CapitalCost :Rs.24 Lacs, O&M Cost: Rs. 2.5 Lacs/annum

31.	Energy	PowerSupply: • Connected Load: 3943 kW • Maximum demand: 2577 kW • No of Transformer: 4 no x 1000 kVA • Total DG power consumption: 1250 kVA x 3 nos. 100 % back up shall be provided in case of power failure only Energysavingmeasures • Solar powered lighting in external common area • Use of Energy efficient BEE labeled electrical fixtures. • Solar Water heaters for restaurant Kitchens. • Complianceofthe ECBCguidelines:(Yes/~~No~~) (If yesthensubmitcompliancein tabular form): We are adopting Some features which are listed below • High Efficiency 1000 kVA transformers with losses not more than 9.81 kW at 100% loading. • High Efficiency Eff. 2 class motors will be used to drive the water supply transfer pumps. • Power factor correction to be applied and it shall maintain their power factor between 0.95 Lag and unity at the point of connection. • Power cabling shall be adequately sized as to maintain the distribution losses not to exceed 1% of the total power usage. • Solar water heating with insulated piping distribution system for restaurants.

		Budgetary allocation (Capital cost and O&M cost) Capital Cost: Rs, 67 Lacs O & M Cost: Rs. 5 lacs/annum Whether HT Line passing through the plot: Not Any Numberandcapacityofthe DGsetstobeused: 3 DG sets of 1250 kVA capacity each D.G. Set Capacity shall be provided in case of power failure only. Type of fuel used: HSD
35.	Environmental Management plan Budgetary Allocation	EnvironmentalManagementplanBudgetaryAllocation:

Sr. No.	Parameter	Set up cost in lacs	Operational & Maintenance Cost (Lacs per year)
1	STP Cost	41.00	6.00
3	Rain Water Harvesting	15.00	1.50
4	Environmental Monitoring	MoEF & CC approved laboratory	9.12
5	Gardening	24.00	2.50
6	Solid waste	10.00	0.54
7	Energy Saving measures and solar heating	67.00	5.00
8	Excess Surface runoff Pumping & Basement Dewatering Pumps	12.00	4.25
9	Centralised Grease Interceptor	8.36	2.00
10	Basement Ventilation System	97.00	10.00
	Total	274.36	40.91

36.	Traffic Management Parking efficiency statement:					
	Parking efficiency statement					
	Level	Required Equivalent Car Space	Proposed car parking nos. 4W	Required area for proposed park as per NBC norms	Proposed Parking Area (Sq.mt.)	Provided Equivalent Car Space (Sq.mt.)
	A	B	C	D	E	F
	P2+P1+LGF	35	410	14350	14760	36
	Open on LGF	25	165	4125	4342	26.31
	GF	30	45	1350	1490	33.24
37.	CRZ/IRZ clearance obtain ,if any			N.A		
38.	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries			N.A		
	Check list for the other necessary approvals					
			Status of the approval	Name of the competent authority	Date of the issued letter	
39.	CFO NOC for the above said building structure(s)		Applied	MIDC	--	
40.	HRC NOC for the above said building structure(s) *(If applicable)*		Not Applicable	--	---	
41.	NOC for the above said building structure(s) from the Aviation authority *(If applicable)*		Will be applied	--	---	
42.	Consent for the water for the above said detail(s)		Applied	MIDC	09.10.2015	
43.	Consent for the drainage for the above said detail(s)		Applied	MIDC	09.10.2015	
44.	Consent for the electric supply for the proposed demand		Will be applied	MSEDCL	--	
45.	Precertification for Green Building from Indian Green Building Council and other recognized		NA	NA	NA	

	institutes *(If applicable)*			
46.	Court Order *(If pplicable)*	NA	--	--
47.	Solid Waste NOC	Received	SWACH	8/10/2015
48	Bio-Medical Waste NOC	NA	--	---
49	HT line NOC	NA	--	--
50	E-Waste NOC	Received	Hi-Tech Recycling India Ltd.	13/10/2015

3. The proposal has been considered by SEIAA in its 99th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

General Conditions for Pre- construction phase:-

(i) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.

(ii) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011.

(iii) Fire Staircase and fire lift not to go to the basement and shall terminate on the ground floor only, (ii) No parking area be provided at the end of the basement in order to allow the vehicles to have a smooth turning access.

(iv) PP to provide vertical shafts to improve natural ventilation and lighting in the 2nd basement and car parks be removed and also to provide vertical pits outside the building line.

(v) PP to provide separate DG set and OWC for restaurant (Building no.2).

(vi) Occupation certificate shall be issued to the project by Local Planning Authority only after ensuring availability of drinking water and connectivity of the sewer line to the project site.

(vii) This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

(viii) PP has to abide by the conditions stipulated by SEAC & SEIAA.

(ix) The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also

ensure the zoning permissibility for the proposed project as per the approved development plan of the area.

(x) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.

(xi) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

General Conditions for Construction Phase-

(i) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.

(ii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

(iii) The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

(iv) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

(v) Arrangement shall be made that waste water and storm water do not get mixed.

(vi) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.

(vii) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

(viii) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

(ix) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.

(x) Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.

(xi) Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.

(xii) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

(xiii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.

(xiv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.

(xv) 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 made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.

(xvi) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).

(xvii) Ready mixed concrete must be used in building construction.

(xviii) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment's etc. as per National Building Code including measures from lighting.

(xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.

(xx) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xxi) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.

(xxii) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

(xxiii) Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.

(xxiv) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.

(xxv) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.

(xxvi) Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.

(xxvii) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.

(xxviii) Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.

(xxix) Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

(xxx) Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

(xxxi) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

(xxxii) 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 aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.

(xxxiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

(xxxiv) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.

(xxxv) 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 without obtaining environmental clearance.

(xxxvi) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

General Conditions for Post- construction/operation phase

(i) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.

(ii) Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.

(iii) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.

(iv) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.

(v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.

(vi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(vii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.

(viii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in.

(ix) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.

(x) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

(xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO_2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

(xii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

(xiii) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 7 years as per MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(S. M. Gavai)
Member Secretary, SEIAA

Copy to:

1. Shri. Jagdish Joshi, Chairman,IAS (Retd.). SEAC-III, Flat no. 3, Tahiti chs. Juhu Vers Ova Link Road, Andheri (W), Mumbai- 400 053.
2. Additional Secretary, MOEF, 'MoEF& CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
3. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
4. IA- Division, Monitoring Cell, MoEF& CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
5. Managing Director, MSEDCL, MG Road, Fort, Mumbai
6. Collector, Pune.
7. Managing Director, MIDC.
8. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
9. Regional Office, MPCB, Pune.
10. Select file (TC-3)

(EC uploaded on)

Annexure I

Construction Status

Sr. No.	Building	Floors	Construction Status
1	Building -1	2B+LGF+GF+UGF+14 Floors	RCC work complete Plaster, plumbing work and tiling in is in process
2	Building -2	2B+ 3 Floors	Excavation started

Annexure II

MAHARASHTRA POLLUTION CONTROL BOARD

Phone :- 24010437/24020781/24011701
Fax :- 24061532 / 24023516
Email :- enquiry@mpcb.gov.in
Visit At:- http://mpcb.gov.in

Kalpataru Point, 3rd & 4th floor, Sion Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 400 022

Infrastructure/Orange/L.S.I

Consent order No: Format 1.0/BO/ROHQ/PN-26169-15/CE/CC- 0249 ***Date:01/02/2017***

To,

M/s. Gera Development Pvt. Ltd., "Gera Tech Park"
Plot No1-B, Rajiv Gandhi Infotech-Biotech Park,
Phase-II, Vill-Man, Taluka Mulshi

Sub : Consent to Establish in Orange category for Building / construction project.

Ref : Minutes of Consent Committee meeting held on 06/12/2016

Your application:- CE1508000583, Date:-09/07/2015

For: Consent to Establish for Construction of IT & ITES Project.

Under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling Rule 2011 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to Establish is granted for a period upto:- **Commissioning of the unit or five years, whichever is earlier.**
2. The Proposed Capital investment of the Project is **Rs 91.19 Cr**. (As per CA certificate).
3. The Consent to Establish is valid for development of new IT & ITES building project by **M/s. Gera Development Pvt. Ltd., "Gera Tech Park,** located at **Plot No1B, Rajiv Gandhi Infotech-Biotech Park, Phase-II, Vill-Man, Taluka Mulshi.** on total plot area of **14,855.0 m²** and total construction built up-area of **51,147.33 m²**. As per construction commencement certificate issued by local body.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	160.0 CMD	As per Schedule –I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.

5. **Conditions under Air (P&CP) Act, 1981 for air emissions:**

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG sets (1250 x 3 KVA)	2	As per Schedule –II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule,2000

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Biodegradable Waste	469.0	Kg/Day	OWC	Used as manure
2.	Non Biodegradable Waste	648.0	Kg/Day	Segregation	By sale /local body
3.	STP Sludge	24.0	Kg/Day	--	Used as manure

7. **Condition under E-Waste (Management) Rules, 2016.**

S. No.	Type Of E-Waste	Qty	UOM	Treatment	Disposal
1	E-Waste	--	MT/A	Handed over to Hi- Tech Recycling India Pvt Ltd	

8. **This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.**
9. **This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.**
10. **The applicant shall comply with the conditions stipulated Construction and Demolition Waste Management Rules, 2016.**
11. **The applicant shall comply with the conditions stipulated in Environment Clearance granted by GOM, vide no:- SEAC-III-2015/CR-125/TC-3 dated 12th July 2016.**
12. **Project proponent shall submit an affidavit in Board' prescribed format within 15 days regarding the compliance of conditions of Environment Clearance and Consent to Establish.**
13. **This consent is issued under signature of HOD, as HOD is authorized to sign the consent vide office order issued by Environment Department, GoM vide no. संकिर्ण २०१७/प्र.क्र २६ /आस्थापना Dated 23/01/2017.**

For and on behalf of the
Maharashtra Pollution Control Board

(N.N.Gurav)
Regional Officer (HQ)

Received Consent fee of –

Sr. No.	Amount (Rs.)	DD No.	Date	Drawn On
1	125100.0	074475	01/07/2015	ICICI Bank

Copy to:

1. **Regional Officer, MPCB, Pune. And Sub-Regional Officer, Pune-II, they are directed to ensure the compliance of the consent conditions.**
2. **Chief Accounts Officer, MPCB, Mumbai.**
3. **CC/CAC desk- for record & website updation purposes.**

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your consent application, you have proposed to provide the sewage treatment system with the design capacity of 170.0 CMD.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1	Suspended Solids	Not to exceed	50.0 mg/l.
2	BOD 3 Days 27 degree C	Not to exceed	10.0 mg/l.
3	COD	Not to exceed	100.0 mg/l.

C] The treated domestic effluent shall be 60% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. The remaining shall be discharged into Municipal sewer/ utilized on land for gardening after conforming to above standards. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same. In no case effluent shall find its way to any water body directly /indirectly at any time.

2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

3) The firm shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made thereunder for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	208.0

Schedule-II

Terms & conditions for compliance of Air & Noise Pollution Control:

1. As per your application, you have proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	Height in Mtrs. (above roof top)	Type of Fuel	Quantity
1.	DG sets (1250 x 3 KVA)	2.5	HSD	246.0 Lit/Hr

* D.G. Set shall be operate only in case of power failure.

2. **The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:**

Particulate matter	Not to exceed	150.00 mg/Nm^3.

3. **The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment**

4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary)

5. **Conditions during construction phase:-**

a	**During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.**
b	**During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.**
c	**Noise generating activity shall be carried out during day time only.**

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Establish	Rs. 10.0 lakh	15 days	Rs. 10.0 lakh for ensuring the compliance of consent conditions.	Upto Commissioning of the unit	Five years

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling Rule 2011.
3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
5) Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p. m and night time is reckoned between 10 p.m to 6 a.m.
   d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
   e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
   g) D.G. Set shall be operated only in case of power failure.
   h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
   i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
8) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
9) The treated sewage shall be disinfected using suitable disinfection method.
10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
11) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

Annexure III

Summary of safety and sanitary, hygiene measures at Gera Tech Park

1. Project site is enclosed from all side to avoid disturbances

2. Labour camp is in separate area within site premises

2. Mobile toilets provided

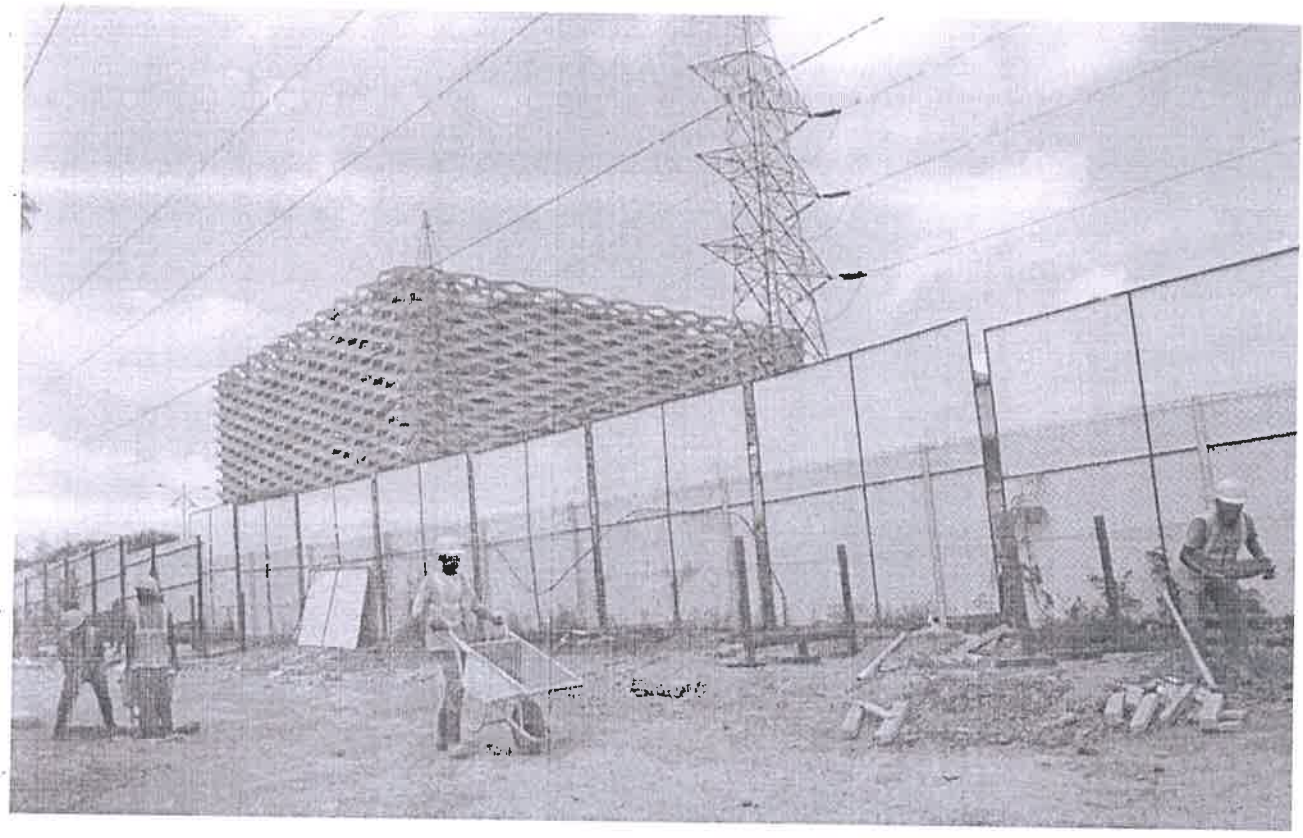
3. Safe drinking water provided construction workers

5. Mandatory use of safety equipment's and personal protective equipment's

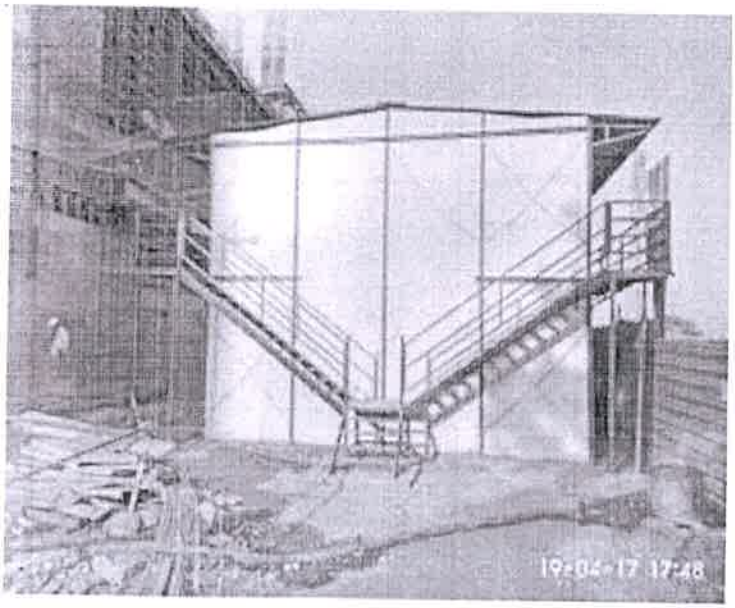
6. Safety training, tool box talks, monthly safety meetings to meet safety standards

8. Good housekeeping and organized material storage to avoid pollution due to leakage or spillage

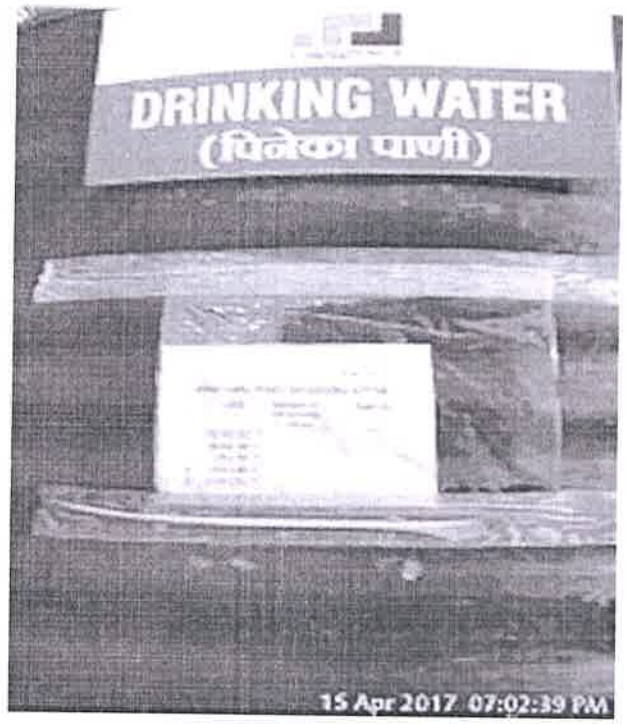
9. First aid box provided with all necessary requirements



Site enclosed from all sides



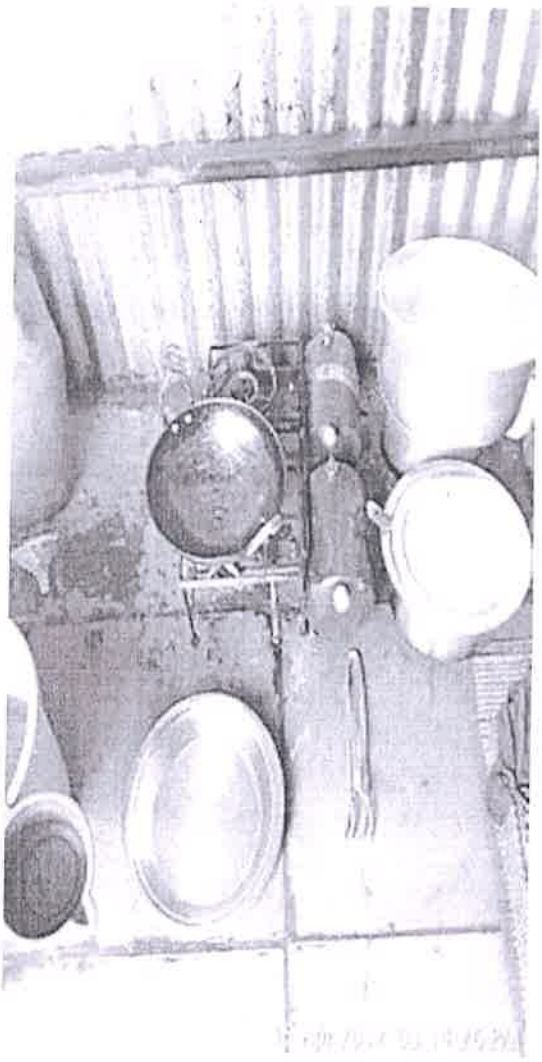
Labour camp



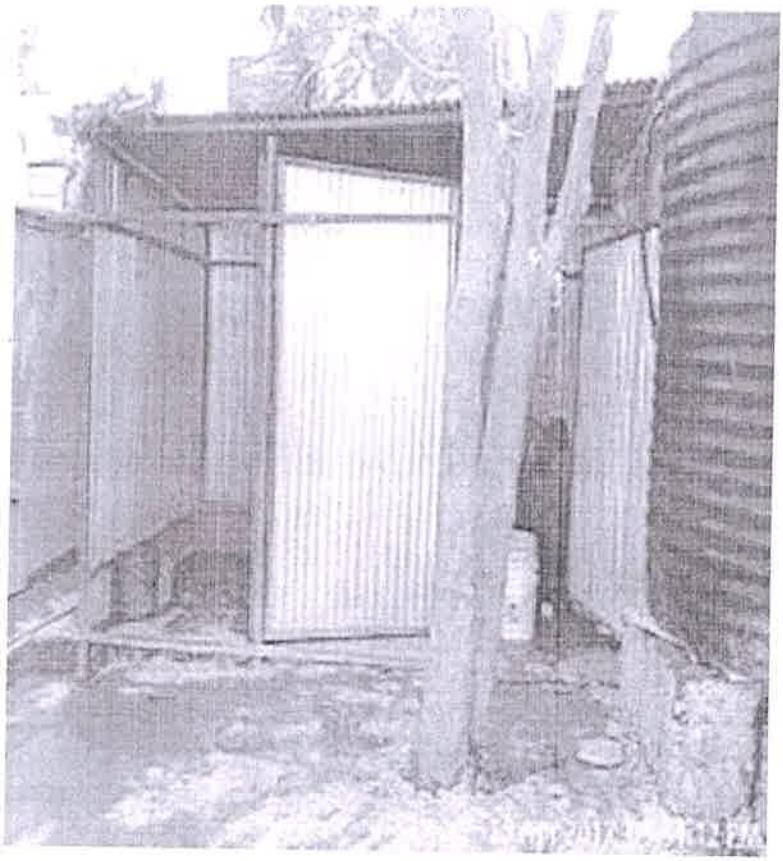
Drinking water

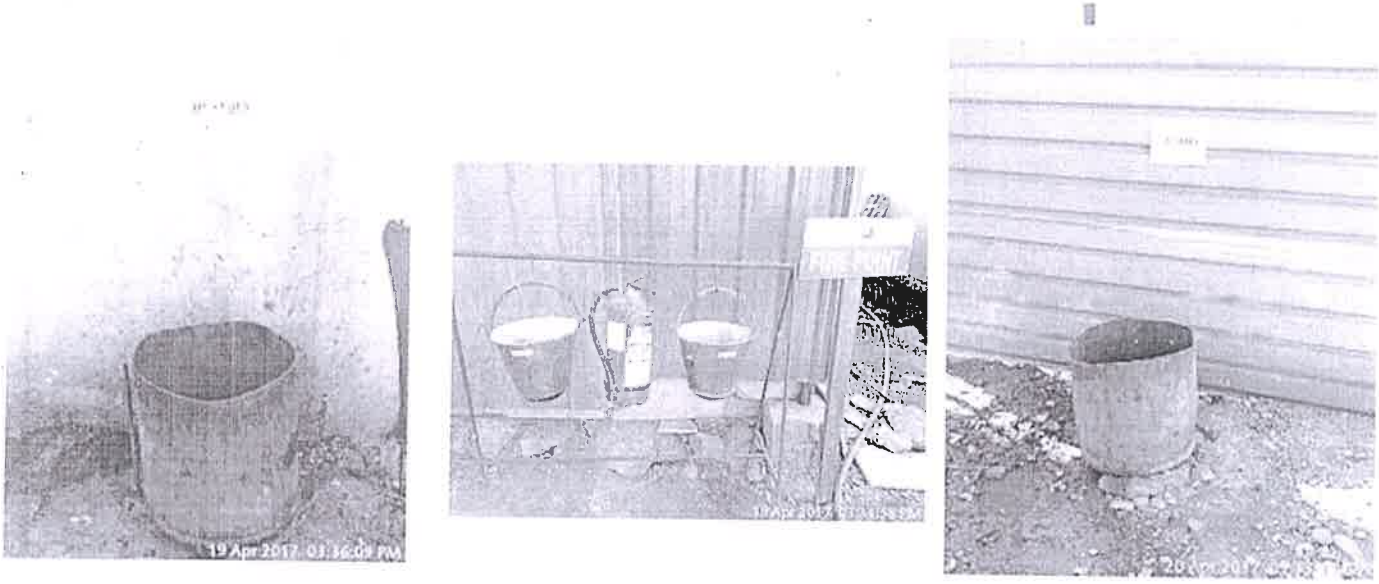
Mobile Toilet

Cook stoves for labour camp

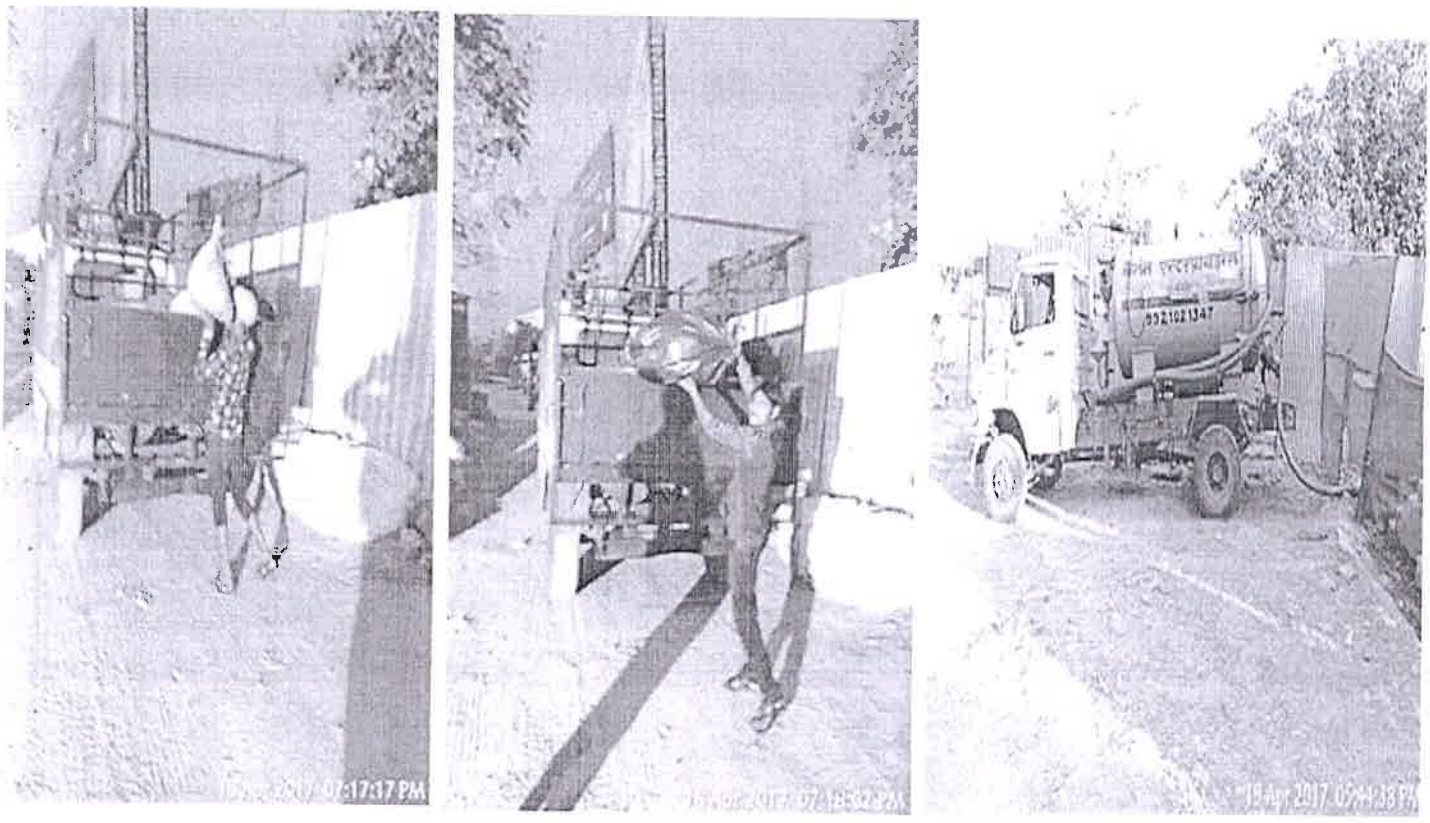


Bathing area





Dustbins and fire hydrants provided near to labor hutments.



Daily disposal of waste though authorized vender

Annexure IV

Gera Developments Pvt. Ltd.
Gera's Imperium Pune (Hinjewadi Commercial Project)
Mass Excavation work
FORM OF AGREEMENT

CONTRACTOR	**M/s Trimurti Earthmovers**	OWNER:	**Gera Developments Pvt. Ltd.**
Address:	At. Post - Maan, Tal – Mulshi, Pune-411057. Phone No. - 020 22932277 dilipbharne@dbfacility.com, rajesh@dbfacility.com	Address:	200, Gera Plaza, Boat Club Road, Pune -411001.
Contact Name:	Mr. Dilip Bharane.	Contact Name:	Mr. Jayant Gosavi.
Telephone:	020-22932277, 9860143333	Telephone:	020- 26165580 / 81
Facsimile:		Facsimile:	020 - 26163653
Pan-No:-	**AJRPB7112L**	Jobsite	**Gera's Imperium Pune (Hinjewadi Commercial Project)**
Service Tax No.	**AJRPB7112LST001**	**Contract No.**	**GD67-003**
VAT No.	NA	Effective Date	**29th June 2016**

This contract is effective as of the **29th June 2016** date between (OWNER), and the above named CONTRACTOR who hereby agrees that all Work specified below shall be performed by the CONTRACTOR in accordance with all provisions of this contract, consisting of the following Contract Documents:

- Contract Form of Agreement,
-
- Annexure "A" – General Conditions
- Annexure "B" – Safety Parameters
- Annexure "C" – Form A1 – Schedule of Quantities, Pricing and Data,
- Annexure "D" – Work Procedure.

This Contract is issued to the above-mentioned CONTRACTOR to execute the following Work as per attached Standard Term and Conditions & Scope of Work as follows.

Mass Excavation work for Gera's Imperium Pune (Hinjewadi Commercial Project), Pune in accordance with the enclosed FORM A-1 SCHEDULE OF QUANTITIES AND PRICES and corresponding specifications"
The Total Estimated Contract Price for performing the Work is Rs. 1,15,64,479/- (In Figures) Amount in Words: Rs. One crore, Fifteen Lacs, Sixty four thousands Four hundreds and Seventy Nine only (Exclusive Service Tax only), which shall be paid extra after submission of documents.

The Total Contract sum shall not exceed the value specified in FORM A-1 SCHEDULE OF QUANTITIES AND PRICES without issuance of a formal written amendment. This is an estimate only and not a minimum or guaranteed value.
This contract embodies the entire agreement between OWNER and CONTRACTOR and supersedes all other writings. The parties shall not be bound by or be liable for any statement, representation, promise, inducement or understanding not set forth herein.

OWNER:
Gera Developments Pvt. Ltd.

Authorized Signatory:

CONTRACTOR:
Trimurti Earthmovers.

TRIMURTI EARTH MOVERS

Authorized Signatory:

Gera Developments Pvt. Ltd.
200, Gera Plaza, Boat Club Road, Pune - 411001 | Tel.: + 91 20 2616 5580 / 81 | CIN - U70102PN1988PTC049303
www.gera.in GeraDevelopments GeraDevelopment

Excavation Work

- Excavation drawings shall clearly indicate in plan (preferably by dotted line) the part of soil to be excavated and also levels to which excavation needs to be carried out.
- Strata-wise levels should be recorded in level book.
- Provision for dewatering required.
- Top layer of hard soil free from vegetation, spoils, rocks, boulders for a quantity of approximately 10% of the total excavated earth quantity should be stocked at locations as directed by the Project Manager for reuse within the site. The remaining excavated earth, except for the hard rock excavated, should be disposed of. When stacked it should be at a safe distance from the edge of excavation to avoid collapse / shielding of excavated area.
- All surplus and unusable earth should be carted out and disposed of outside the site but at a location approved by local authority and confirming to statutory norms.
- Anti-termite Treatment in foundation shall start after Site Engineer gives his permission to do so. Treatment shall be complete with treatment of soil underneath the foundation as well as to the sides of the excavated pits to form a total barrier between foundation and excavated pits.

GERA DEVELOPMENTS PVT. LTD.

Gera's Imperium Pune (Hinjewadi Commercial Project)

ANNEXURE C-FORM A1 - SCHEDULE OF QUANTITIES AND PRICES

Excavation Work

Form A1 - Mass Excavation work for Gera's Imperium Pune (Hinjewadi Commercial Project).						
SR. NO.	CODE	WORK DESCRIPTION	ARATHI EARH MOVERS			
			UNIT	ESTIMATED QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (RS.)
	A	Mass Exavation				
1.1	EXC001	**Excavation in Soil - Disposal Inside Premises** Mass excavation below ground level for all kinds of works in all types of soils, soft / hard murum for depth of excavation specified below, levelling, grading ramming of bottom of trenches,dressing trimming etc including dressing of sides and ramming of bottoms, required dewatering including getting out the excavated soil and disposal of surplus excavation soil within the premises including lead and lift, levelling as directed by Engineer In Charge by using Mechanical Equipment all etc Complete, (Rate includes removal of any vegetation, small shrubs and required dewatering , shoring etc.) **(All type of soil means earth mass to be excavated by bucket only.)** -	CUM	9692.50	70	678475.00
2.2	EXC002	**Excavation IN Hard Rock By Chiselling - Disposal Inside Premises** Mass excavation below ground level for all kinds of works in hard rock by Chiselling for depth of excavation specified below, levelling, grading ramming of bottom of trenches,dressing trimming etc including dressing of sides and ramming of bottoms,required dewatering including getting out the excavated soil and disposal of surplus excavation soil within the premises including lead and lift, levelling as directed by Engineer In Charge by using Mechanical Equipment all etc Complete (Rate includes removal of any vegetation, small shrubs and required dewatering , shoring etc.) .	CUM	32294.85	300	9688455.00
3	EXC003	**Carting away** surplus earth/excavated material / debris outside the plot and disposing off the same as per designated areas identified by the local authorities for dumping of such material, including spreading, compacting etc., as per the norms by the local authorities.	CUM	21773.62	55	1197549.10
		Total Amount in Rs. One crore, Fifteen Lacs, Sixty four thousands Four hundreds Seventy Nine only (Exclusive Service Tax only)				1,15,64,479

Payment Terms & Conditions:-

1) Dewatering and shoring shall be in contractors scope.

2) Joint Ground levels should be determined before commencement of work.Measurement Shall be certified as per the drawing . All measurements regarding R.A. Bills should be taken Jointly with signature of both parties

3) No any basic rate for fuel is considered. Rate esclation for any reason shall not be entertained. Drinling water and labour camp for labour shall be arranged by Trimurti earth movers. Excavation Quantites may vary up to any extent.

4) Service tax will be paid extra as applicable after submission of the documents for the same & after stamping by contractor on every bills

5) All R.A. bills will be prepared & submitted by contractor with all joint level records & calculations

6) To complete the work in given time frame , required no of Macheneries shall be deployed by Arati Earth movers as per requirement of EIC / GDPL.

7)Rates are exclusive of royalty charges if any . It will be in the scope of GDPL.

8) All other terms and conditions discussed in pre-bid meeting , negotiation meeting shall be applicable to the contract.

Gera Development Pvt.Ltd.
15 July 2016

TRIMURTI EARTH MOVERS

Contract No - GD67-003
Form - A1

ULTRA-TECH™

Environmental Consultancy & Laboratory
Lab.Gazetted by MoEF-Govt. of India [Recognized for period 02.06.2016 to 01.06.2021]
Lab. Accredited by NABL - ISO/IEC 17025:2005 [TC-5600,Valid until 27.05.2019 in the field of Testing]
QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
OHSAS 18001 : 2007

Laboratory : G. V. Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India
Telefax : +91 22 2547 49 07 / +91 22 2547 62 17 **Email** : lab@ultreatech.in **Visit us at** : www.ultratech.in

TEST REPORT

ISSUED TO: GERA DEVELOPMENTS PVT. LTD.
For Your Site: **"Geras's Imperium Rise".**
Hinjewadi, Pune.

REPORT NO. : UT/ELS/REPORT/C-072/04-2018
ISSUE DATE : 23/04/2018
YOUR REF. : Form of Agreement : TSC - 299
REF. DATE : 25/09/2016

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING

Sampling Plan Ref. No.:	:	C-03/04-2018	**Location Code**	:	01
Sample Registration Date	:	05/04/2018	**Sample Location**	:	Near Main Gate Co-ordinates: N18°35'46.95"; E73°43'07.73"
Date of Sampling	:	04/04/2018			
Time of Sampling	:	09:30 Hrs. to 17:30 Hrs.			
Analysis Starting Date	:	05/04/2018	**Collected By**	:	ULTRA-TECH
Analysis Completion Date	:	07/04/2018	**Height of Sampler**	:	1.0 Meter
Sample Lab Code	:	UT/ELS/C-013/04-2018	**Sampling Duration**	:	08 Hours
Ambient Air Temperature	:	29.3 °C to 32.2 °C	**Relative Humidity**	:	40.3 % to 46.8 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO_2)	IS 5182 (Part 02) : 2001	12	µg/m³
2.	Oxides of Nitrogen (NO_x)	IS 5182 (Part 06) : 2006	22	µg/m³
3	Particulate Matter (PM_{10})	EPA/625/R-96/010a Method IO-2.1	86	µg/m³
4.	Particulate Matter ($PM_{2.5}$)	UT/LQMS/SOP/AA05	44	µg/m³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.3	mg/m³

†: Sampling Period 1 Hr.

Opinions / Interpretations: *National Ambient Air Quality Monitoring Standard, Part III- Section IV is enclosed as Enclosure-I for your reference.*

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make – POLLETCH; Model –PEM-RDS 8 NL; Sr. No. 1114	Valid up to – 23/01/2019
	Fine Dust Sampler	Make – NETEL; Model- NPM-FDS 2.5/10µ; Sr. No. 150	Valid up to – 06/03/2019

Note:
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3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.
5. Weather was Sunny and Clear throughout monitoring period.

– END OF REPORT –

ULTRA-TECH * Gazetted by MoEF Govt. of India * THANE (W) INDIA PIN-400 601 * ENVIRONMENTAL CONSULTANCY & LABORATORY *

For **ULTRA-TECH,**

Dr. Rahul Kolhapurkar
(Authorized Signatory)

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eaxstern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601.
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QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants

ISO 9001 : 2015
OHSAS 18001 : 2007

Laboratory : G. V. Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India
Telefax : +91 22 2547 49 07 / +91 22 2547 62 17 **Email** : lab@ultratech.in **Visit us at** : www.ultratech.in

TEST REPORT

ISSUED TO: GERA DEVELOPMENTS PVT. LTD.
For Your Site: **"Geras's Imperium Rise".**
Hinjewadi, Pune.

REPORT NO. : UT/ELS/REPORT/C-073/04-2018
ISSUE DATE : 23/04/2018
YOUR REF. : Form of Agreement : TSC - 299
REF. DATE : 25/09/2016

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING

Sampling Plan Ref. No.:	:	C-03/04-2018	**Location Code**	:	02
Sample Registration Date	:	05/04/2018	**Sample Location**	:	Near Site Office
Date of Sampling	:	04/04/2018 to 05/04/2018			Co-ordinates: N18°35'46.95"; E73°45'03.94"
Time of Sampling	:	18:00 Hrs. to 02:00 Hrs.			
Analysis Starting Date	:	05/04/2018	**Collected By**	:	ULTRA-TECH
Analysis Completion Date	:	07/04/2018	**Height of Sampler**	:	1.0 Meter
Sample Lab Code	:	UT/ELS/C-014/04-2018	**Sampling Duration**	:	08 Hours
Ambient Air Temperature	:	28.3 °C to 30.2 °C	**Relative Humidity**	:	57.8 % to 73.8 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO_2)	IS 5182 (Part 02) : 2001	15	µg/m³
2.	Oxides of Nitrogen (NO_x)	IS 5182 (Part 06) : 2006	24	µg/m³
3.	Particulate Matter (PM_{10})	EPA/625/R 96/010a Method IO 2.1	05	µg/m³
4.	Particulate Matter ($PM_{2.5}$)	UT/LQMS/SOP/AA05	36	µg/m³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.5	mg/m³

†: Sampling Period 1 Hr.

Opinions / Interpretations: *National Ambient Air Quality Monitoring Standard, Part III- Section IV is enclosed as Enclosure-I for your reference.*

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make – POLLETCH; Model –PEM-RDS 8 NL; Sr. No. 1114	Valid up to – 23/01/2019
	Fine Dust Sampler	Make – NETEL; Model- NPM-FDS 2.5/10µ; Sr. No. 150	Valid up to – 06/03/2019

Note:
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5. Weather was Clear throughout monitoring period.

– END OF REPORT –

For **ULTRA-TECH,**

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TEST REPORT

ISSUED TO: GERA DEVELOPMENTS PVT. LTD.
For Your Site: **"Geras's Imperium Rise".**
Hinjewadi, Pune.

REPORT NO. : UT/ELS/REPORT/C-074/04-2018
ISSUE DATE : 23/04/2018
YOUR REF. : Form of Agreement : TSC - 299
REF. DATE : 25/09/2016

SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING

Sampling Plan Ref. No.:	:	C-03/04-2018	**Location Code**	:	03
Sample Registration Date	:	05/04/2018	**Sample Location**	:	Near Labour Camp Co-ordinates: N18°35'45.29"; E73°43'03.18"
Date of Sampling	:	05/04/2018			
Time of Sampling	:	02:30 Hrs. to 10:30 Hrs.			
Analysis Starting Date	:	05/04/2018	**Collected By**	:	ULTRA-TECH
Analysis Completion Date	:	07/04/2018	**Height of Sampler**	:	1.0 Meter
Sample Lab Code	:	UT/ELS/C-015/04-2018	**Sampling Duration**	:	08 Hours
Ambient Air Temperature	:	25.4 °C to 30.9 °C	**Relative Humidity**	:	51.1 % to 73.6 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO_2)	IS 5182 (Part 02) : 2001	16	µg/m³
2.	Oxides of Nitrogen (NO_x)	IS 5182 (Part 06) : 2006	26	µg/m³
3.	Particulate Matter (PM_{10})	EPA/625/R-96/010a Method IO-2.1	91	µg/m³
4.	Particulate Matter ($PM_{2.5}$)	UT/LQMS/SOP/AA05	30	µg/m³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.5	mg/m³

†: Sampling Period 1 Hr.

Opinions / Interpretations: *National Ambient Air Quality Monitoring Standard, Part III- Section IV is enclosed as Enclosure-I for your reference.*

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make – POLLETCH; Model –PEM-RDS 8 NL; Sr. No. 1114	Valid up to – 23/01/2019
	Fine Dust Sampler	Make – NETEL; Model- NPM-FDS 2.5/10µ; Sr. No. 150	Valid up to – 06/03/2019

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4. Any correction invalidates this test report.
5. Weather was Sunny during day and Clear at night.

– END OF REPORT –

ULTRA-TECH Gazetted by MoEF Govt. of India THANE (W) INDIA PIN-400 601 ENVIRONMENTAL CONSULTANCY & LABORATORY

For ULTRA-TECH,

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ENCLOSURE-I

NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV
The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931

Sr. No.	Pollutants	Time Weighted Average	*National Ambient Air Quality Standards*	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO_2), µg/m³	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO_X), µg/m³	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM_{10}), µg/m³	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter ($PM_{2.5}$), µg/m³	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m³	08 Hours**	02	02
		01 Hours**	04	04

* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further investigations.

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TEST REPORT

ISSUED TO: GERA DEVELOPMENTS PVT. LTD.
For Your Site: **"Geras's Imperium Rise".**
Hinjewadi, Pune.

REPORT NO. : UT/ELS/REPORT/C-075/04-2018
ISSUE DATE : 23/04/2018
YOUR REF. : Form of Agreement : TSC - 299
REF. DATE : 25/09/2016

SAMPLE PARTICULARS :
Sampling Plan Ref. No. : C-03/04-2018
Date of Monitoring : 04/04/2018

NOISE LEVEL QUALITY MONITORING
Sample Lab Code : UT/ELS/C-016/04-2018
Survey Done By : ULTRA-TECH

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	Near Main Gate	10:00 to 10:05	53.4	22:10 to 22:15	49.5
02.	Near Site Office	10:15 to 10:20	51.3	22:25 to 22:30	48.3
03.	Near Labour Camp	10:30 to 10:35	51.9	22:40 to 22:45	50.1
04.	Near Steel Yard	10:45 to 10:50	53.8	22:55 to 23:00	49.9

Opinions / Interpretations: *The Noise Pollution (Regulation And Control) Rules, 2000: Standard Is Enclosed as Enclosure II for Your Reference.*

Note:
1. Monitoring area coming under Residential Area.
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make – METRAVI; Model – SL-4015; Sr. no. 160200539	Valid up to – 06/03/2019

Note:
1. This test report refers only to the monitoring conducted.
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– END OF REPORT –

For **ULTRA-TECH,**

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ENCLOSURE - II

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)

• SCHEDULE

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

• CONSTRUCTION ACTIVITIES

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE

(TheModel Rules Of The Factories Act, 1948)

Peak sound pressure level In dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1,the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1,the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

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TEST REPORT

ISSUED TO: GERA DEVELOPMENTS PVT. LTD.
For Your Site: **"Geras's Imperium Rise".**
Hinjewadi, Pune.

REPORT NO. : UT/ELS/REPORT/C-076/04-2018
ISSUE DATE : 23/04/2018
YOUR REF. : Form of Agreement : TSC - 299
REF. DATE : 25/09/2016

SAMPLE PARTICULARS :

Sampling Plan Ref. No.	: C-03/04-2018	**Analysis Starting Date**	: 05/04/2018
Sample Registration Date	: 05/04/2018	**Analysis Completion Date**	: 06/04/2018
Date of Sampling	: 04/04/2018	**Sample Lab Code**	: UT/ELS/C-017/04-2018
Time of Sampling	: 10:10 Hrs. to 11:10 Hrs.	**Sample Collected By**	: ULTRA-TECH

STACK EMISSIONS QUALITY MONITORING

STACK DETAILS

Stack ID	: S-01	**Stack Height**	: 3 Meter from Ground Level
Stack Attached To	: D. G. Set (62.5 KVA)	**Stack Diameter**	: 0.1016 Meter @ Sampling Point
Stack Shape	: Round	**Fuel Used**	: Diesel
Stack MOC	: M.S.	**Fuel Consumption**	: 5 Liters/hr

FLUE GAS CHARACTERISTICS

Flue Gas Temperature	: 375	^0K	**Volumetric Flow Rate**	: 104	Nm^3/hr
Flue Gas Velocity	: 5.0	m/sec	**Total Volume of Flue Gas**	: 1.002	Nm^3 (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	11	mg/Nm^3
2.	Sulphur Dioxide (SO_2)	IS 11255 (Part 02) : 1985	7	mg/Nm^3

Opinions / Interpretations: *Nil.*

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model – SMS4; Sr. No. 3913	Valid up to – 12/10/2018

Note:
1. This test report refers only to the sample tested.
2. This test report is valid at the time of and under the conditions specified herein.
3. This test report may not be reproduced in part, without the permission of this laboratory.
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– END OF REPORT –

For **ULTRA-TECH,**

Dr. Rahul Kolhapurkar
(Authorized Signatory)

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TEST REPORT

ISSUED TO: GERA DEVELOPMENTS PVT. LTD.
For Your Site: **"Geras's Imperium Rise".**
Hinjewadi, Pune.

REPORT NO. : UT/ELS/REPORT/C-077/04-2018
ISSUE DATE : 23/04/2018
YOUR REF. : Form of Agreement : TSC - 299
REF. DATE : 25/09/2016

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C-03/04-2018
Sample Registration Date : 05/04/2018
Date & Time of Sampling : 04/04/2018 at 16:30 Hrs.
Analysis Starting Date : 05/04/2018
Analysis Completion Date : 19/04/2018
Sample Collected By : ULTRA-TECH
Sample Lab Code : UT/ELS/C-018/04-2018

SOIL QUALITY MONITORING

Sample Type : Surface Soil (at 15cm depth)
Sample Location : Near Site Office
Sample Quantity & Packing Details : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Colour*	-	Brown	-
2.	Moisture Content	IS:2720 (Part 2) : 1973	1.8	%
3.	Bulk Density	UT/LQMS/SOP/S03	1222	kg/m³
4.	Organic Matter	IS:2720 (Part 22) : 1972	0.7	%
5.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.4	%
6.	pH	IS:2720 (Part 26) : 1987	7.7	-
7.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.285	mS/cm
8.	Salinity (1:2 soil: Water Extract)*	Calculated in terms of Total Dissolved Solids	177	mg/L
9.	Sodium as Na (Water Extractable)*	UT/LQMS/SOP/S19	121	mg/kg
10.	Magnesium as Mg (Water Extractable)*	UT/LQMS/SOP/S22	50	mg/kg
11.	Chlorides as Cl (Water Extractable)*	UT/LQMS/SOP/S23	20	mg/kg
12.	Sulphate as SO_4^{2-} (Water Extractable)*	UT/LQMS/SOP/S24	30	mg/kg
13.	Sodium Adsorption Ratio*	UT/LQMS/SOP/S26	1.2	$(meq/kg)^{1/2}$
14.	Cation Exchange Capacity	USEPA 846 9080	23.1	meq/100g
15.	Water Holding Capacity	ASTM- T7367-07	61.2	%
16.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.7	mg/kg
17.	Phosphorous as P_2O_5 (Available)	UT/LQMS/SOP/S28	38	kg/ha
18.	Potassium as K_2O (Available)	UT/LQMS/SOP/S29	20	kg/ha
19.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	184	Kg/ha
20.	Iron as Fe	USEPA SW846 7380	32543	mg/kg
21.	Zinc as Zn	USEPA SW846 7950	64	mg/kg

Opinions / Interpretations: *NIL*

Note:
1. This test report refers only to the sample tested.
2. This test report may not be reproduced in part, without the permission of this laboratory.
3. Any correction invalidates this test report.
4. *: Parameters not covered under NABL scope.

– END OF REPORT –

ULTRA-TECH * Gazetted by MoEF Govt. of India * THANE (W) INDIA PIN-400 601 * LABORATORY * ENVIRONMENTAL CONSULTANCY

For **ULTRA-TECH**

Dr. Rahul Kolhapurkar
(Authorized Signatory)

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eaxstern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601.
Tel : +91-22+2534 27 76 / 2538 01 98 / 2533 14 38 **Fax** : +91-22-2542 96 50 **Email** : sales@ultratech.in

Pune : +91-20-25286106 - pune@ultratech.in **Kochi** : +91-484-4011173 / +91-9895200526 - kochi@ultratech.in **Bangalore**: +91-80-23333115 / +91-7829333115 - bangalore@ultratech.in
Kolkata: +91-33-40089145 / +91-9674488198 - kolkata@ultratech.in **Delhi**: +91-11-40158500 - delhi@ultratech.in **Singapore**: +65-67548189 - singapore@ultratech.in

Annexure-A

PROTECT INDIA INFRACON

Protect India Infracon
A division of RMC

SR. No 294, Behind DLF Akruit, Phase- III, AP - Maan, Hinjewadi, Tal. Mulshi,
Dist. Pune - 411057. Ph.No. (020) 65309010 / 65319010
Email : protectindiaintracon@gmail.com

DELIVERY CHALLAN

Challan No : 3508

Name of Party : _____ Date : 22-3-18

Address : _____ Quantity : 6 cum

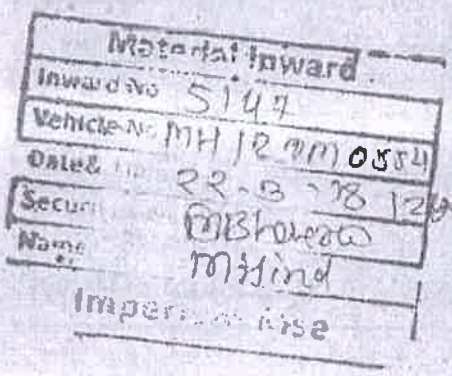
_____ Dump/Pump : _____

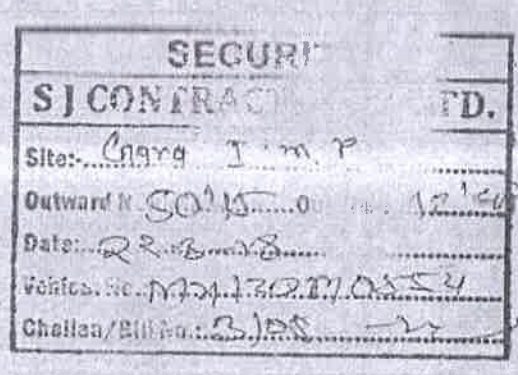
Amount Rs. _____ Transits Mixer No : _____

Grade of RMC : _____ Time of Dispatch : _____

Driver's Name : _____

(Signature of Q.C.) (Signature of Production / Authorized) (Signature of Party)


Material Inward
Inward No 5147
Vehicle No MH 12 RM 0554
Date & Time 22-8-18 12:00pm
Security
Name
Impersonalise


SECURI
SJ CONTRA TD.
Site:- Engg I m. P
Outward No 5015
Date:- 22-8-18
Vehicle No MH 12 RM 0554
Challan/Bill No:- BJDS -21

PROTECT INDIA INFRACON

MCT [illegible] Control System Ver 3.0

Docket Batch Report Autocumplete Record

Batch Date
Batch Start Time : 10:22:06 AM
Batch End Time : 11:34:51 AM

Plant Serial Number CP30BP2115

Load Truck Docket Number

Customer : S J Construction Pvt Ltd
Site : Gera
Recipe Code : M 30/S J Construction
Recipe Name : M 30/S J Construction
Batch Number
Batch Docket : Pramod
Order Number : S J Construction Pvt Ltd
Batcher Name : Pankaj

Ordered Quantity : 0.00 M
Production Quantity : 6.00 M
Adj/Manual Quantity : 0 M
With This Load : 6.00 M
Mixer Capacity : 0.50 M
Batch Size : 0.00 M

	AGGREGATE			CEMENT			Water / Ice			Admixture	
	10MM / SAND	20 MM / GRAD		Cem1	Cem2	Fly	Water	Wtr / I	Conc	Admix 1.1	Admix 1.2
	850	967	0	320	0	60	153	0		4.18	0.00
Actual Kgs											
	410	965	0	160	0	27	76	0	0	2.10	0.00
	410	961	0	161	0	27	77	0	0	2.10	0.00
	426	999	0	161	0	27	76	0	0	2.10	0.00
	425	999	0	160	0	29	77	0	0	2.10	0.00
	429	98	0	161	0	29	76	0	0	2.10	0.00
	410	999	0	160	0	29	77	0	0	2.10	0.00
	426	995	0	656	0	27	76	0	0	2.10	0.00
	445	94	0	161	0	27	77	0	0	2.10	0.00
	421	977	0	157	0	28	76	0	0	2.10	0.00
	425	99	0	160	0	26	77	0	0	2.10	0.00
	421	977	0	154	0	30	76	0	0	2.10	0.00
	431	977	0	98	0	30	77	0	0	2.10	0.00
Total Batch Kgs											
	5126	4999	0	1920	0	360	918	0		25.20	0.00
Total Over Batch											
	5.6	4999	0	1921	0	30	919	0		25.2	0.00

Podium B-2 Raft casting.

(B)

PROTECT INDIA INFRACON

SCHWING Stetter

MCI 70 N Control System Ver 3.0

2969

Docket / Batch Report / Autographic Record

Batch Date : 21-Feb-2017
Batch Start Time : 1:40:00 AM
Batch End Time : 01:51:00 AM

Plant Serial Number CP30BP2115

Batch Number / Docket Number : 20,728
Customer : S J Contracts Pvt Ltd
Site : Hinjewadi
Recipe Code : M35 PT (S J)
Recipe Name : M35 PT (S J)
Truck Number : MH-14-DM-454
Truck Driver : Raja
Order Number : S J Contracts Pvt Ltd
Batcher Name : Stetter

Ordered Quantity : 0.00 M
Production Quantity : 6.00 M
Adj/Manual Quantity : 0 M
With This Load : 24.00 M
Mixer Capacity : 0.50 M
Batch Size : 0.50 M

AGGREGATE				CEMENT			Water / Ice			Admixture	
10MM C.SAND		20 MM R.SAND		Cem 1	Cem 2	Fill	Water	Wtr / I	Corr.	Admix 1.1	Admix 1.2
361	798	754	0	350	0	50	185	0		3.60	0.00
Actual in Kgs.											
194	440	390	0	176	0	25	96	0	0	2.00	0.00
191	423	384	0	176	0	25	94	0	0	1.90	0.00
183	410	381	0	176	0	25	93	0	0	1.90	0.00
182	390	377	0	176	0	25	94	0	0	1.80	0.00
182	397	378	0	176	0	25	94	0	0	1.80	0.00
175	396	377	0	176	0	25	94	0	0	1.80	0.00
176	402	370	0	176	0	25	94	0	0	1.70	0.00
177	390	373	0	176	0	25	93	0	0	1.70	0.00
177	396	371	0	176	0	25	93	0	0	1.70	0.00
173	376	371	0	176	0	25	92	0	0	1.70	0.00
177	373	374	0	180	0	29	96	0	0	1.70	0.00
173	369	370	0	176	0	25	92	0	0	1.70	0.00
Total Set Weight in Kgs.											
2166	4788	4524	0	2100	0	300	1110	0		21.60	0.00
Total Actual in Kgs.											
2160	4762	4516	0	2116	0	304	1125	0		21.40	0.00

Slump - 130 mm
Satisfy Saha.

Ground Floor Slab
pour-2

Annexure VII

Environmental Management Cell

An environmental management cell will be formed headed by an Environment Manager supported by adequate number of personnel having sufficient educational and professional qualification and experience to discharge responsibilities related to environmental management including statutory compliance, pollution prevention, environmental monitoring, preventive maintenance of pollution control equipment and green belt development & maintenance. The head of the cell will directly report to the top management.

This cell will be the nodal agency to co-ordinate and provide necessary services on environmental issues during construction and operation of the project. This department will interact with MPCB, MoEF, CPCB and other environment regulatory agencies. The cell will be effective till handing over of the project to society.

Environmental Management cell will implement and review the compliance of the stipulated conditions specified in Environmental Clearance and Consent for Establish. Environmental cell will submit six monthly compliance report regarding status of implementation of each stipulated conditions to MoEF. The cell will be responsible to obtain Consent for Operate under water Act and Air Act from MPCB. On getting Consent to Operate, the project will be handed over to society. The project proponent will provide technical knowhow, legal and technical training to society personnel for continuing the EMP.

Annexure VIII

Date: 01.12.2017

To,
The Additional Director (S),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra-440001.

Sub: Submission of Compliance for Environmental Clearance for construction of commercial Project "Gera Tech Park" at Hinjewadi, Pune for the period of June 2017 - Nov 2017

Ref: Environment clearance letter vide No. **SEAC- IIII- 2015/CR .125/TC 3**

Respected Sir,

With reference to the above mentioned subject, please find enclosed point wise compliance report of environmental clearance with relevant annexures as per condition laid down by the Ministry of Environment and Forest in its clearance letter No. **SEAC- IIII- 2015/CR .125/TC 3**

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely.

For Gera Developments Pvt.Ltd.

Authorized Signatory

Encl:

1. **Part A : Project information**
2. **Part B : Pointwise compliance of EC conditions**
3. **Annexures**
4. **EC copy**

RL DECCEN GYMKHANA <411004>
RL A RM269273534IN
Counter No:1,OP-Code:55
To:ADDL.DIR.MINISTRY OF,ENVIRONMENT & FOREST
NAGPUR, PIN:440001
From:ULTRA -TECH , PUNE-38
Wt:226grams,
Amt:77.00 ,30/12/2017 ,14:26
<<Track on www.indiapost.gov.in>>

India Post

20/12/17
Maharashtra Pollution Control Board
Kalptaru Point, 2/3/4 Floor,
Opp. Cine Planet, Near Sion Circle,
Sion (East), Mumbai - 400 022.

Date: 30/12/2017

To,
The Additional Director (S),
Ministry of Environment and Forest and Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Line, Nagpur, Maharashtra-440001.

Sub: Submission of Compliance for Environmental Clearance for construction of commercial Project "Gera Tech Park" at Hinjewadi, Pune for the period of June 2017 - Nov 2017

Ref: Environment clearance letter vide No. **SEAC- IIII- 2015/CR .125/TC 3**

Respected Sir,

With reference to the above mentioned subject, please find enclosed point wise compliance report of environmental clearance with relevant annexures as per condition laid down by the Ministry of Environment and Forest in its clearance letter No. **SEAC- IIII- 2015/CR .125/TC 3**

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For Gera Developments Pvt.Ltd.

Authorized Signatory

Encl:

1. **Part A : Project Information**
2. **Part B : Pointwise compliance of EC conditions**
3. **Annexures**
4. **EC copy**

12/12/18

Annexure IX

Date: 6/8/16

BUILDING WITH IQ

To,
The Secretary,
State Expert Impact Assessment Authority,(SEIAA)
Environment Department,
Room No. 217,2nd Floor,
Mantralaya Annexe,
Mumbai –400 032.

Subject : **Corrections in the EC for our project Gera Tech Park at Plot no.1B,Rajiv Gandhi Infotech Biotech Park, Village Mann, Taluka Mulshi, District -Pune. State - Maharashtra.**

Reference : **EC letter No. SEAC III – 2015/CR-125/TC-3 dated 12th July 2016**

Dear Sir,

This has reference to the above subject we would like to bring into your notice that there are corrections in the EC letter No. SEAC III – 2015/CR-125/TC-3 dated 12th July 2016. We had submitted the updated CS during SEIAA appraisal, but it is not reflected in the EC letter we have received. In this regard we request you to kindly make the corrections in the table as given below:

Sr. No.	Particulars	As per EC letter	Corrections	Remarks
1	Proposed Builtup area	51,147.33Sqm	53,147.33Sqm	Correction in addition
2	Type of Project	Gera Tech Park under STPI scheme	Gera Tech Park	Enclosed request letter
3	Sewage and Waste water			Update as submitted to SEIAA
	Sewage generation in CMD	160cmd	170cmd	
	STP Capacity	170cmd	180cmd	
4	CFO NOC	Applied	Received on 28/12/2015	

We are attaching herewith the sanction layout for your reference. We request you to do the needful and issue us the corrected EC at the earliest.
Thanking you,

Yours faithfully,

For Gera Development Pvt. Ltd.

Authorized Signatory

Gera Developments Pvt.Ltd.
200, Gera Plaza, Boat Club Rd., Pune 411001
Call : 020 2616 5580 / 81 | Fax : 020 2616 3653
Email : info@gera.in | www.gera.in CIN U70102PN1988PTC049303

Annexure X

Environment Management Plan

Project activity impact matrix

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
Air and Noise	Construction Phase	Site Clearance	Air pollution due to Dust generation	Enclosure/barricading of site from all sites, water spraying on Working area will reduce dispersion of air pollutants
		Construction equipment's, material loading unloading and traffic of heavy vehicles	Dust generation, So_2, CO generation	Mandatory check of PUC certificates for construction vehicles Maintenance of construction equipment's Material transport during non-peak hours
		Construction activity	Various construction activities and use of construction material lead to generation of particulate matter, noise pollution	Use of PPE like masks, use of ear plugs and other PPE for safety of labour Frequent Water spraying in work area Use of RMC
	Operation Phase	Operation of DG set	Air and Noise pollution	Use of DG set as a backup at time of power failure only
		Vehicular traffic	Air and Noise pollution	Proper routing of traffic
Water	Construction Phase	Construction activity	Water pollution	Chemical storage in enclosed area no mixing of storm water

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
		Sewage generation at Labour camp	Generation of sewage	and sewage Provision of toilet block for labour camp
	Operation Phase	Sewage generation from project	Generation of sewage	Installation and operation of STP to Treat 100% sewage Use of recycled water for flushing and gardening Discharge of excess sewage in to municipal sewer line
Soil	Construction Phase	Storage of chemicals	Pollution due to spills and mixing of construction materials	Storage of chemical in enclosed impervious room separately allocated fof the purpose of storage
		Construction Debris and Earth material	Pollution due to mixing of concrete with soil	Concrete and such debris should be stored at separate location within the site and finally sent to disposal site.
		Residual Paints/Solvents / Bituminous materials	Contamination of soil	Shall be given to authorized recyclers /site. Bituminous materials /any other chemicals shall not be allowed to leach into the soil.
Solid waste	Construction phase	Excavation and Construction waste	Waste generation Public nuisance Water and soil pollution	Reuse of waste at site Disposal at approved site by municipal authority if any
	Operation	Biodegradable waste	Waste generation	Collection, segregation and

Environmental Component	Phase	Project Activity	Potential Impacts	Mitigation Measures
	Phase	generation	Public nuisance Water and soil pollution	treatment of waste within site premises
		Non-biodegradable waste generation	Waste generation Public nuisance Water and soil pollution	Collection, segregation and disposal though authorized vender by municipal authority
Ecology	Construction Phase	Construction activity	Loss of biodiversity	Tree survey and protection of existing trees throughout construction phase
		Tree cutting	Loss of tree cover	Preservation and transplantation of trees
	Operation Phase	Introduction of new varieties of pant	Change in ecological pattern of area	Use of indigenous varieties of trees Maintenance of landscape

Environment Management Plan also includes setting up environmental services to fulfill project requirements as mentioned in Environmental clearance. Environment management Plan also stating cost for operation and maintenance of environmental services.

Budgetary allocation for Environmental services

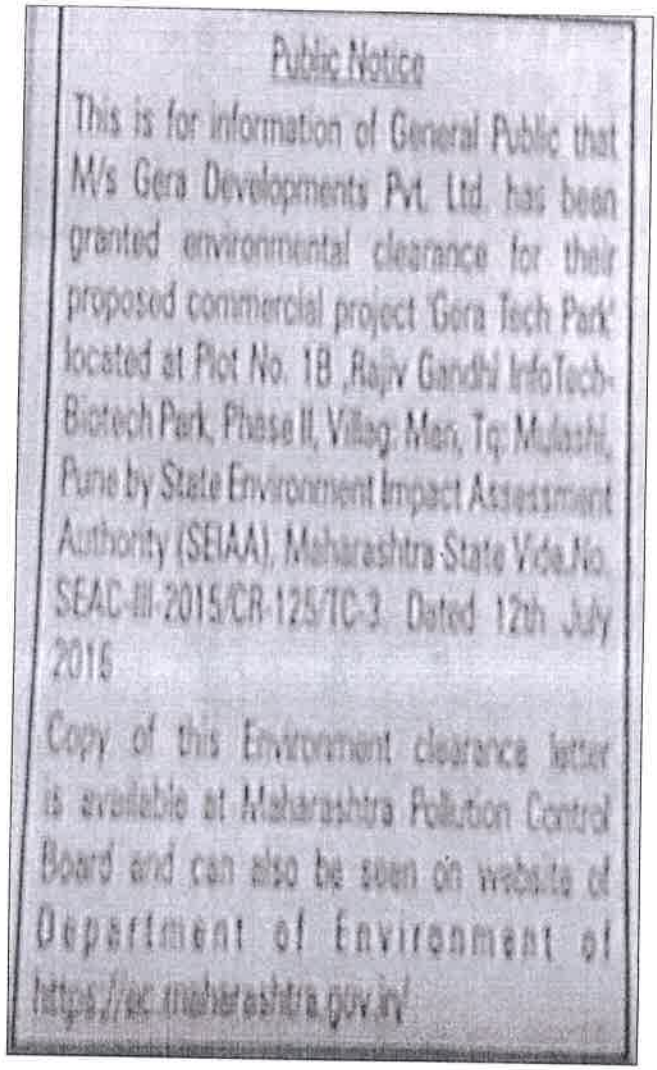
Sr. No.	Parameter	Set up cost in lacs	Operational & Maintenance Cost (Lacs per year)
1	STP Cost	41.00	6.00
3	Rain Water Harvesting	15.00	1.50
4	Environmental Monitoring	MoEF & CC approved laboratory	9.12
5	Gardening	24.00	2.50
6	Solid waste	10.00	0.54
7	Energy Saving measures and solar heating	67.00	5.00
8	Excess Surface runoff Pumping & Basement Dewatering Pumps	12.00	1.25
9	Centralized Grease Interceptor	8.36	2.00
10	Basement Ventilation System	97.00	10.00
	Total	**274.36**	**40.91**

Given costs are projected costs for environmental services of entire project. In-house MEP team along with consultants works for establishment of all environmental services.

In-house Common Area Maintenance Team works for management of environmental services after establishment of services.

Annexure XI

Public notice in Sakal Times on 4/8/16

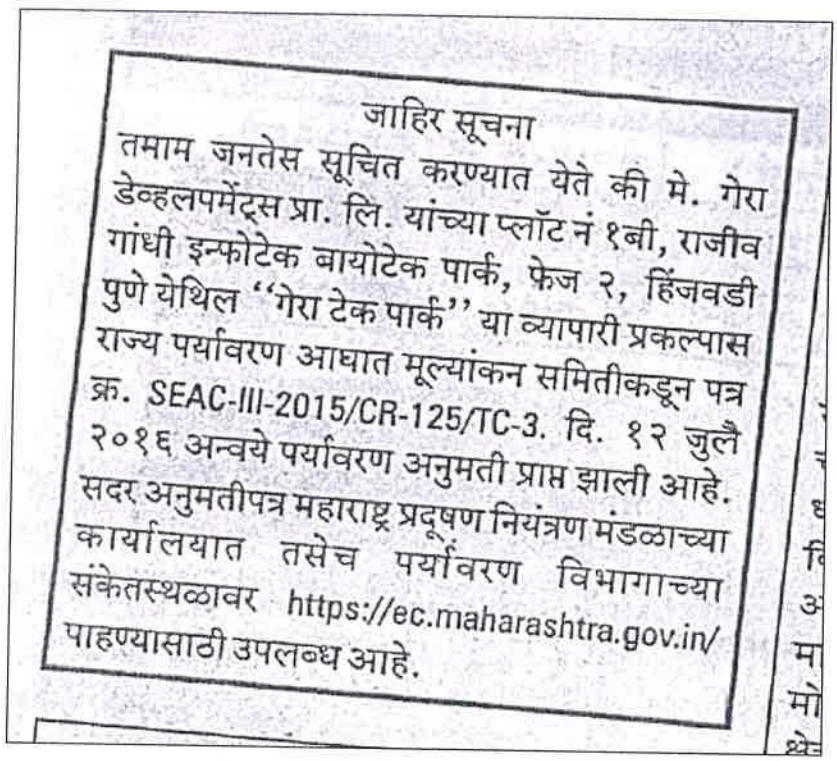


Public Notice

This is for information of General Public that M/s Gera Developments Pvt. Ltd. has been granted environmental clearance for their proposed commercial project 'Gera Tech Park' located at Plot No. 1B ,Rajiv Gandhi InfoTech-Biotech Park, Phase II, Village Man, Tq. Mulashi, Pune by State Environment Impact Assessment Authority (SEIAA), Maharashtra State Vide No. SEAC-III-2015/CR-125/TC-3 Dated 12th July 2016

Copy of this Environment clearance letter is available at Maharashtra Pollution Control Board and can also be seen on website of Department of Environment at https://ec.maharashtra.gov.in/

Public notice in Prabhat on 4/8/16



जाहिर सूचना

तमाम जनतेस सूचित करण्यात येते की मे. गेरा डेव्हलपमेंट्स प्रा. लि. यांच्या प्लॉट नं १बी, राजीव गांधी इन्फोटेक बायोटेक पार्क, फेज २, हिंजवडी पुणे येथिल "गेरा टेक पार्क" या व्यापारी प्रकल्पास राज्य पर्यावरण आघात मूल्यांकन समितीकडून पत्र क्र. SEAC-III-2015/CR-125/TC-3. दि. १२ जुलै २०१६ अन्वये पर्यावरण अनुमती प्राप्त झाली आहे. सदर अनुमतीपत्र महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या कार्यालयात तसेच पर्यावरण विभागाच्या संकेतस्थळावर https://ec.maharashtra.gov.in/ पाहण्यासाठी उपलब्ध आहे.

Annexure XII

Thanking you

Yours faithfully

For Gera Developments Pvt. Ltd

Authorized Signatory

Encl: 1. Copy of Environment clearance

2. Copy of consent to Establish

21-3-2017

Clerk to Executive Engineer
MIDC, Pune-3.