

Submission of Six monthly compliance report for M/s. KRC INFRASTRUCTURE & PROJECTS P. LTD. on behalf of Gera Developments P. Ltd., "IT PARK" for the period of April, 2020 – September, 2020.

Consent <consent@eaepl.com>

Mon 10/26/2020 1:49 PM

To: eecompliance

Bcc: Rohan Desai <r.desai@eaepl.com>; Rutuja Desai <rutuja.desai@eaepl.com>; Shravanee Patole <s.patole@eaepl.com>; Bhalchandra Patil <b.patil@eaepl.com>; p.patil@eaepl.in <p.patil@eaepl.in>

 1 attachments (10 MB)

PMR_KRC Infrastructure & Projects Pvt. Ltd.-Gera Commerzone IT Park_Apr,20-Sept,20.pdf;

To,

**The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.**

Subject : Submission of half yearly monitoring report for the period of April, 2020 – September, 2020 for Construction of "IT PARK" commercial Project, at S. No. 65/1, 65/2, & 65/3, Village - Kharadi, Taluka - Haveli, Pune, Maharashtra.

Reference:

1. Clearance letter no. SEAC-III/CR.245/TC.3 dtd. 02.02.2017.
2. F. No. 21-282/2017-IA-III Dtd. 31.05.2018.
3. EC -812/RON/2018-NGP/3865 Dtd. 22.06.2018.
4. File No. SEIAA-EC-0000001563 Dtd. 28.05.2019.

Dear Sir,

This is with reference to the above subject. We are submitting herewith our half yearly monitoring report with following contents:

- Data Sheet.
- Compliance Report.
- Energy conservation report.
- Post monitoring reports.
- Copy of Environmental Clearance.
- Consent copy.
- Copies of the advertisement published in the newspaper (Marathi & English).
- Present Status report of the site.

This is for your kind information.

Thanking you,

Yours truly,

For M/s. KRC INFRASTRUCTURE & PROJECTS P. LTD. on behalf of Gera Developments P. Ltd.

C.C. to : - The M.S., MPCB, Mumbai.
 - The Environment Department, Mantralaya, Mumbai.

Thanks & Regards.

Purva Patil.

Consent Executive



M/s. Enviro Analysts and Engineers Private Limited.

B-1003, Enviro House, 10th floor.

Western Edge-II, W.E Highway.

Borivali(E), Mumbai-400066

Tel No: 91-22 2854 1647/48/49/67/68

Web: www.eaepl.com / www.enviroanalysts.com

KRC Infrastructure And Projects Private Limited

CIN:- U45200MH2008PTC183176



Date: 26.10.2020

To,

The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject : Submission of half yearly monitoring report for the period of April, 2020 – September, 2020 for Construction of "Gera Commerzone IT Park" commercial Project, at S. No. 65/1, 65/2, & 65/3, Village - Kharadi, Taluka - Haveli, Pune, Maharashtra.

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For M/s. KRC Infrastructure & Projects Pvt. Ltd. on behalf of Gera Developments Pvt. Ltd.

Authorized Signatory

C.C. to : - The M.S., MPCB, Mumbai.
- The Environment Department, Mantralaya, Mumbai.

Regd. Off. : Raheja Tower,
Plot No. C-30, Block 'G',
Opp. SIDBI,
Bandra Kurla Complex,
Bandra (E), Mumbai-400 051.
Phone : 91-22-2656 4000
Fax : 91-22-2656 4004
Website : www.krahejacorp.com

KRC Infrastructure And Projects Private Limited

CIN:- U45200MH2008PTC183176



Date: 26.10.2020

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: Present status of Project work for the period of April 2020 – September 2020.

Reference:

1. Clearance letter no. SEAC-III/CR.245/TC.3 Dtd. 02.02.2017.
2. F. No. 21-282/2017-IA-III Dtd. 31.05.2018.
3. EC -812/RON/2018-NGP/3865 Dtd. 22.06.2018.
4. File No. SEIAA-EC-0000001563 Dtd. 28.05.2019.

Dear Sir,

This is with reference to the above subject & Construction of "Gera-Commerzone IT Park", a commercial project, at S. No. 65/1, 65/2, & 65/3, Village - Kharadi, Taluka - Haveli, Pune, Maharashtra.

The present project status at site is as follows:

Buildings	Bldg. Configuration	Status
Bldg. No. 2 (G2)	2 parkings, 1 Podium & 12 Office Floors	Occupied
Bldg. No. 3 (R1)	5 parkings, 1 Podium & 12 Office Floors	Occupied
Bldg. No. 6 (R4)	2 parkings, 1 Podium & 13 Office Floors	Base build work completed; Client's Fit-out work partly completed. Partly Occupied
Bldg. No. 1 (G1)	1 parking, 1 Podium & 10 Office Floors	RCC Works in Progress (Till 3 rd Floor)
Bldg. No. 5 (R3)	5 parkings, 1 Podium & 12 Office Floors	RCC Works in Progress (Till 1st Floor)
Bldg. No. 4 (R2)	5 parkings, 1 Podium & 9 Office Floors	Site Clearance and Excavation Works in Progress
Non-Tower		
B1	1 parking, & 1 Podium Floor	RCC work completed, Landscaping work in progress
B2	4 parkings, & 1 Podium Floor	RCC work completed, Landscaping work in progress
B3	4 parkings, & 1 Podium Floor	RCC work completed, Landscaping work in progress
B4	5 parkings, & 1 Podium Floor	RCC work completed, Landscaping work in progress
B5	5 parkings, & 1 Podium Floor	RCC work completed, Landscaping work in progress
B7	2 parkings, & 1 Podium Floor	RCC work completed, Landscaping work in progress

Thanking you,

Yours truly,

For M/s. KRC Infrastructure & Projects Pvt. Ltd. on behalf of Gera Developments Pvt. Ltd.

Authorized Signatory

Regd. Off. : Raheja Tower,
Plot No. C-30, Block 'G',
Opp. SIDBI,
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DATA SHEET

Developer
M/s. KRC Infrastructure & Projects Pvt. Ltd.

S. No. 65/1, 65/2 & 65/3 at Kharadi, Taluka Haveli, Pune,
Maharashtra

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environmental and Forests
Regional Office, West Central Zone, Nagpur.

Monitoring Report

PART – I

DATA SHEET

1.	Project type: river-valley/ mining/ Industry/thermal/ nuclear/ Other (specify).	Construction project – IT Park
2.	Name of the project	Gera Commerzone IT Park
3.	Clearance letter (s) / OM/ no and date:	File no. SEIAA-EC-0000001563 dtd. 28.05.2019, File no. 21-282/2017-IA-III dtd. 31.05.2018 & File no. SEAC- III/CR-245/TC-3 dtd. 02.02.2017
4.	Location	S. No. 65/1, 65/2 & 65/3 at Kharadi, Taluka Haveli, Pune, Maharashtra
a.	District (s)	Pune
b.	State (s)	Maharashtra
c.	Latitude / Longitude	
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Mr. Ranjit Kukday Telephone -96735 95757 S.No-65/1,65/2 & 65/3,Village Kharadi, Taluka Haveli, Pune -411060
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	Mr. N Krishnasai Telephone -9923750042 S.No-65/1,65/2 & 65/3,Village Kharadi, Taluka Haveli, Pune -411060

6.	Salient features:																						
a.	of the project	<p>Total Plot Area : 1,04,400 Sq.m Total FSI area: 2,54,256 Sq.m. Non FSI area: 2,71,415 Sq.m Total construction area: 5,25,671 Sq.m</p> <p>Building Details:</p> <table border="1"> <thead> <tr> <th>Building</th><th>Configuration</th><th>Height (Mt.)</th></tr> </thead> <tbody> <tr> <td>Bldg. No. 1 (G1)</td><td>1 parking, 1 Podium & 10 Office Floors</td><td>51.70</td></tr> <tr> <td>Bldg. No. 2 (G2)</td><td>2 parking, 1 Podium & 12 Office Floors</td><td>63.40</td></tr> <tr> <td>Bldg. No. 3 (R1)</td><td>5 parking, 1 Podium & 12 Office Floors</td><td>73.30</td></tr> <tr> <td>Bldg. No. 4 (R2)</td><td>5 parking, 1 Podium & 09 Office Floors</td><td>60.70</td></tr> <tr> <td>Bldg. No. 5 (R3)</td><td>5 parking, 1 Podium & 12 Office Floors</td><td>73.30</td></tr> <tr> <td>Bldg. No. 6 (R4)</td><td>2 parking, 1 Podium & 13 Office Floors</td><td>67.60</td></tr> </tbody> </table>	Building	Configuration	Height (Mt.)	Bldg. No. 1 (G1)	1 parking, 1 Podium & 10 Office Floors	51.70	Bldg. No. 2 (G2)	2 parking, 1 Podium & 12 Office Floors	63.40	Bldg. No. 3 (R1)	5 parking, 1 Podium & 12 Office Floors	73.30	Bldg. No. 4 (R2)	5 parking, 1 Podium & 09 Office Floors	60.70	Bldg. No. 5 (R3)	5 parking, 1 Podium & 12 Office Floors	73.30	Bldg. No. 6 (R4)	2 parking, 1 Podium & 13 Office Floors	67.60
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b.	of the environmental management plans	<p>1. <u>Sewage Treatment Plant:</u></p> <p>6 Nos. of Sewage Treatment Plant's with capacity 330 KLD each will be provided for treating the wastewater. 2 Nos. of STP's with capacity of 350 KLD (each) are provided for Building G2 & R1 and 1 Nos. of 400 KLD STP is provided for building R4. Recycled wastewater will be used for Flushing, gardening etc.</p> <p>2. <u>Solid Waste Management:</u></p> <ul style="list-style-type: none"> • Dry waste: Handed over to authorize recycler for further handling and disposal. • Wet waste: Will be converted to compost using Mechanical composter. • STP Sludge (Dry sludge): To be used as a manure. • E-Waste: Authorize vendor shall be appointed for the collection and for final disposal. Separate area has been provided (58.0 Sq.m) for the E waste storage. <p>3. <u>Water Management:</u></p>																					

		Total Water Requirement: 2549 CMD. Rain Water Harvesting shall be provided to recharge the ground water table.	
7.	Break Up Of the project Area		
a.	Submerge area: forest & non-forest	Non Forest	
b.	Others	Total Plot Area : 1,04,400 Sq.m Total FSI area: 2,54,256 Sq.m. Non FSI area: 2,71,415 Sq.m Total construction area: 5,25,671 Sq.m	
8.	Break up of the project affected: Population with enumeration of those losing houses / dwelling units, only agriculture land only, dwelling units and agriculture land and landless laborers / artisan.	The project does not envisage acquisition of land and / or displacement.	
a.	SC, ST / Adivasis	---	
b.	Others	---	
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey).		
9.	Financial details		
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total project cost: Rs. 1250 Crores.	
b.	Allocation made for environmental management plans with item wise and year wise break-up	EMP Cost:	
		Construction phase:	
		Parameter	Total Cost per annum (Rs. In Lacs)
		Water Sprinkling, Green Belt Development, Covered storage area	25
		Site Baricades and Green Belt Developments	18
		Modular STP, Drainage with sedimentation tanks	10
		Site Sanitation & Health Care	12

		<table><tr><td>Air, water, noise, soil monitoring during construction phase</td><td>16</td></tr></table>	Air, water, noise, soil monitoring during construction phase	16																			
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		<table><tr><td colspan="3">Operation Phase</td></tr><tr><td>Particulars</td><td>Setting-up Cost (Lakhs)</td><td>Operation and Maintenance (in Lakhs)/Yr</td></tr><tr><td>RWH</td><td>120</td><td>1.6</td></tr><tr><td>Waste Management</td><td>115</td><td>48</td></tr><tr><td>STP</td><td>480</td><td>69</td></tr><tr><td>Landscaping</td><td>75</td><td>12</td></tr><tr><td>Non-Conventional Energy System</td><td>225</td><td>6</td></tr></table>	Operation Phase			Particulars	Setting-up Cost (Lakhs)	Operation and Maintenance (in Lakhs)/Yr	RWH	120	1.6	Waste Management	115	48	STP	480	69	Landscaping	75	12	Non-Conventional Energy System	225	6
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c.	Benefit cost ratio/ Internal rate of return and the year of assessment	---																					
d.	Whether (c) includes the cost of environmental management as shown in the above	---																					
e.	Actual expenditure incurred on the project so far	Rs. 675 Crores.																					
f.	Actual expenditure incurred on the environmental management plans so far	<table><tr><td>Particulars</td><td>Expenses till date (In Rs.)</td></tr><tr><td>STP</td><td>1,18,87,492/-</td></tr><tr><td>RWH</td><td>1,00,70,614/-</td></tr><tr><td>Solar Panel</td><td>61,67,968/-</td></tr><tr><td>OWC</td><td>25,13,655/-</td></tr><tr><td>Landscaping</td><td>6,02,05,535/-</td></tr><tr><td>Energy conservation system</td><td>6,81,24,862/-</td></tr></table>	Particulars	Expenses till date (In Rs.)	STP	1,18,87,492/-	RWH	1,00,70,614/-	Solar Panel	61,67,968/-	OWC	25,13,655/-	Landscaping	6,02,05,535/-	Energy conservation system	6,81,24,862/-							
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10.	Forest land required																						
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.																					
b.	The status of clearing and felling	Open Space Area Provided: 8302 Sq. m A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. There will be tree plantation of about 1040 Nos. Different species will be selected as per CPCB green belt guidelines and common species available in the proposed area.																					

c.	The status of compensatory afforestation, if any	---
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	N.A.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads) , if any with quantitative information	N.A.
12.	Status of construction (Actual and / or planned)	Letter enclosed stating status of construction.
a.	Date of commencement	06.03.2017
b.	Date of completion (Tentative)	30.06.2022
13.	Reasons for the delay if the project is yet to start	N.A
14.	Dates of site visits.	
a.	The date on which the project was monitored by the regional office on previous occasions, if any.	Not yet visited.
b.	Date of site visit for this monitoring report	06.08.2020, 11.09.2020.
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits	File no. SEIAA-EC-0000001563 dtd. 28.05.2019, File no. 21-282/2017-IA-III dtd. 31.05.2018 & File no. SEAC- III/CR-245/TC-3 dtd. 02.02.2017 Consent to Establish: BO/CAC-Cell/CE/CAC-1703000255 DTD. 04.03.2017

COMPLIANCE REPORT

Developer
M/s. KRC Infrastructure & Projects Pvt. Ltd.

**S. No. 65/1, 65/2 & 65/3 at Kharadi, Taluka Haveli, Pune,
Maharashtra**

COMPLIANCE REPORT

TERMS & CONDITIONS

General Conditions:

1.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E-waste generated will be managed as per E-Waste Management Rules, 2016. It will be handed over to authorized vendor.
2.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted.
3.	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.	As the site is not within any radius as defined, hence NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life is not applicable.
4.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Condition is noted.
5.	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.	The height, construction built up area of project is accordance with the approved plan and as per norms. The development is carried out as per local planning authority.
6.	If applicable 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.	Received Consent to Establish From MPCB. Consent No: BO/CAC-cell/CE/CAC-1703000255 dtd. 04.03.2017. Received Consent to Operate (Part) from MPCB. Consent No: Format 1.0/CAC-Cell/UAN No. 0000077465/CO-1912000112 dtd. 04.12.2019.

		Copy enclosed.
7.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Adequate numbers of toilets for Labour, provision of potable water etc. to maintain sanitary and hygienic measures are taken.
8.	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.	Adequate drinking water facility is provided for the workers at the site during construction phase. Toilets are provided for construction workers. Bins have been provided to dispose the municipal solid waste generated from labour camps.
9.	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.	The solid waste generated shall be properly collected and segregated and also being stored separately in two bin system. Biodegradable Waste of operation phase shall be processed in OWC and manure so obtained will be used for landscaping. Non-biodegradable Waste shall be managed through recyclers.
10.	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.	All construction waste gets collected and segregated properly. Most of that is reused for the construction activity. Muck will be dried before its final disposal.
11.	Arrangement shall be made that waste water and storm water do not get mixed.	Separate confined sewage system has been proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain. Storm water drain shall be in covered drain system and will be connected to municipal drain.
12.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Excavated topsoil is used for landscaping from time to time.
13.	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.	The cut & fill is minimum to the extent possible. The cut & fill is accordance with the natural contour and it will be maintained in such a way that the natural

		drainage will not disturb. There will not be import and export of soil from site.
14.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	<ul style="list-style-type: none"> • The green area proposed is 8302 m². Accordingly same will be provide as per approved plan. • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • There will be tree plantation of about 1040 nos. • Plantation Details: Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area.
15.	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.	Soil testing was done and according to the reports all the parameters are within the prescribed norms.
16.	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.	<ul style="list-style-type: none"> • There will be no generation of hazardous waste at site. Proper care would be taken following the norms to handle and use the bituminous and other hazardous material at site. • Also silt traps and other measures such as additional on-site will be constructed to control surface Run-off.
17.	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.	Used oil would be generated from the site, will be disposed through Authorized vendor of MPCB.
18.	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.	DG set installed as per specifications & meeting CPCB norms.
19.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	The diesel required for the operation phase will be stored as per the provision of petroleum act.

20.	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.	The PUC checked/authorized vehicles are allowed on the site for transfer of material.
21.	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.	<p>Following care are taken regarding noise levels with conformation to the residential area.</p> <ol style="list-style-type: none"> 1. Earth moving equipment's creating less Noise pollution will be used. 2. Noise shields near the heavy construction operations are provided. 3. Construction activities are limited to daytime hours only. 4. Site is barricaded from all sides. <p>Also use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities.</p> <p>The ambient air and noise report is enclosed herewith. The report indicates that the same are within the prescribed norms defined by the concern authority.</p>
22.	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).	Yes, Ready mixed concrete added with fly ash is being used in the construction.
23.	Ready mixed concrete must be used in building construction.	Yes, Ready mixed concrete added with fly ash is being used in the construction.
24.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	<p>Rainwater from terraces and other open area will be diverted to recharge pits for ground water recharge. The system shall be laid at appropriate time.</p> <p>Quantity of recharge pits: 2 Nos.</p> <p>Size of recharge pits: 900 mm x 900 mm</p>
25.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Ready mix concrete is being used to reduce water demand during construction.

26.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no extraction of ground water in this project. The ground water levels and its quality are checked before commencement of the project. The copy of the same is enclosed herewith.
27.	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 effluent, 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 effluent, 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.	STP with total capacity of 1,980 KLD (6 No's) has been proposed. 2 Nos. of STP's with capacity of 350 KLD (each) are provided for Building G2 & R1 and 1 Nos. of 400 KLD STP is provided for building R4. Construction and installation of STP is carried out through expert consultant. Treated water shall be used for the flushing and Gardening, Landscaping and Green belt area development. After the satisfactory completion of the work, the installation will be get certified from independent expert agency and report in this regard will be submitted to the Ministry of Environment, Forest and Climate Change before the project is commissioned for operation.
28.	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.	We are not drawing any water from ground. We are using only Tanker water for construction.
29.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Yes, water will be separated by the use of dual plumbing line.
30.	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.	Adequate measures will be taken into consideration to minimize the wastage of water.
31.	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.	Glazing area will be maintained below 40% of the façade area for the residential buildings.
32.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	<ul style="list-style-type: none"> • Roof insulation 50 mm expanded polystyrene or equivalent insulation. • Heat reflective double glazed glass provided on external façade for the residential buildings.

33.	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.	A separate energy conservation report attached with this report.
34.	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.	<ul style="list-style-type: none"> • D.G. sets will be provided as back up for alternative electrical supply to Commercial buildings. • 4 Nos. of 2250 kVA for building G2, 4 Nos. of 2250 kVA for building R1, 3 Nos. 2000 kVA for building R4 and for the buildings G1, R2 & R3, 3 sets of 2 x 2000 kVA, 2 x 1000 kVA D.G. sets are proposed with silencer & acoustic enclosures. The stacks shall be provided as per MPCB norms.
35.	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.	<p>Noise level monitoring is carried out regularly as per requirement. The noise levels measures are within the prescribed limits for day and night time.</p> <p>Monitoring report of noise levels attached.</p>
36.	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.	<ul style="list-style-type: none"> • This effect would be prominent during construction as well as operation phase. The probability of inconvenience faced due to the frequency of truck movement during construction phase would be minimized by better control of traffic movement in the area. Noise levels expected from the planned operating conditions have been assessed and are likely to be within acceptable levels. The impacts have been mitigated by the suggested measures in the “air control and management section”.

		<ul style="list-style-type: none"> • Anti honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient road facilities within the project premises and there will be a large area provided for the parking of vehicles. • Number of Parking's are provided as per Local Body Pune Municipal Corporation Norms. • Parking Details: Car = 5,673 Nos. Scooters = 13,615 Nos. • Width of all internal roads- 13 m. & 12 m.
37.	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.	Efforts for the Opaque wall will meet prescriptive requirement as per draft Energy Conservation Building Code by use of appropriate thermal insulation material to fulfill requirement.
38.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The building has adequate distance to allow movement of fresh air and natural light, Ventilation.
39.	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.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
40.	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.	Environmental Clearance is already obtained. EC received date 28 th May, 2019 (SEIAA-EC-0000001563) for the total construction area of 5,25,671 sq.m.
41.	Six monthly monitoring reports should be submitted to the Regional office MoEF, Nagpur with copy to this department and MPCB.	Six monthly reports are submitted regularly to concerned department and MPCB.
42.	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	The provisions of STP, MSW disposal facility & Green Belt development will be completed before getting the Occupation certificate.

	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.													
43.	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.	Wet garbage will be treated by Organic Waste Converter with curing system and manure shall be used for gardening.												
44.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	No occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.												
45.	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Complete set of all the documents submitted to the MPCB.												
46.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Condition is noted.												
47.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environment management cell with qualified staff is formed and implementing the same.												
48.	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.	<div>EMP cost has been worked out and allocated for all air pollution devices and other facilities.</div> <div>EMP Cost:</div> <div>Construction phase-</div> <table><tr><th>Parameter</th><th>Total Cost per annum (Rs. In Lacs)</th></tr><tr><td>Water Sprinkling, Green Belt Development, Covered storage area</td><td>25</td></tr><tr><td>Site Baricades and Green Belt Developments</td><td>18</td></tr><tr><td>Modular STP, Drainage with sedimentation tanks</td><td>10</td></tr><tr><td>Site Sanitation & Health Care</td><td>12</td></tr><tr><td>Air, water, noise, soil monitoring during construction phase</td><td>16</td></tr></table>	Parameter	Total Cost per annum (Rs. In Lacs)	Water Sprinkling, Green Belt Development, Covered storage area	25	Site Baricades and Green Belt Developments	18	Modular STP, Drainage with sedimentation tanks	10	Site Sanitation & Health Care	12	Air, water, noise, soil monitoring during construction phase	16
Parameter	Total Cost per annum (Rs. In Lacs)													
Water Sprinkling, Green Belt Development, Covered storage area	25													
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		<p>Operation Phase-</p> <table> <tr> <th>Particulars</th><th>Setting-up Cost (Lakhs)</th><th>Operation and Maintenance (in Lakhs)/Yr</th></tr> <tr> <td>RWH</td><td>120</td><td>1.6</td></tr> <tr> <td>Waste Management</td><td>115</td><td>48</td></tr> <tr> <td>STP</td><td>480</td><td>69</td></tr> <tr> <td>Landscaping</td><td>75</td><td>12</td></tr> <tr> <td>Non-Conventional Energy System</td><td>225</td><td>6</td></tr> </table>	Particulars	Setting-up Cost (Lakhs)	Operation and Maintenance (in Lakhs)/Yr	RWH	120	1.6	Waste Management	115	48	STP	480	69	Landscaping	75	12	Non-Conventional Energy System	225	6
Particulars	Setting-up Cost (Lakhs)	Operation and Maintenance (in Lakhs)/Yr																		
RWH	120	1.6																		
Waste Management	115	48																		
STP	480	69																		
Landscaping	75	12																		
Non-Conventional Energy System	225	6																		
49.	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 .	The advertisement is published in Marathi and English language local newspaper. In Marathi newspaper 'Sakal' dtd. 30.05.2019 & in English newspaper 'Times Of India' dtd. 30.05.2019 Respectively. Xerox copies of same are enclosed for your ready reference.																		
50.	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 1 st June & 1 st December of each calendar year.	We are regularly submitting six monthly reports to Nagpur, Mantralaya & MPCB.																		
51.	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.	Yes, we noted the condition & agreeable to the same.																		
52.	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 , NO _x (ambient levels as well as stack emissions) or critical sector	Regular monitoring is been carried out and the results of the same are submitted to concern authority along with the report.																		

	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.	
53.	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.	Six monthly compliance reports are submitted to the Environment Department, Mantralaya & MPCB.
54.	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.	Condition is noted.
55.	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.	Condition is noted.
56.	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Yes, we noted the condition and agreeable to the same.
57.	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.	Yes, we noted the condition and agreeable to the same.

58.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.	The EC received File no. SEIAA-EC-0000001563 Dtd. 28.05.2019. The validity of this EC will be 7 years from 28.05.2019.
59.	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.	Yes, we noted the condition and agreeable to the same.
60.	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.	Yes, we noted the condition and agreeable to the same.
61.	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Yes, we noted the condition and agreeable to the same.



Tree Plantation



Tree Plantation



Tree Plantation



Tree Plantation



Tree Plantation



Stay Arrangements For Workers



Drinking Water Facility



Drinking Water Facility



Assembly Point



Isolated and secured Electrical Room



Fabricated Gate for Labour Colony



Medical Camp Arranged For Workers



Medical Camp Arranged For Workers



Proper Drain and slopes at labour Colony to avoid water logging



School facility for labour children



First Aid Facility at Site



Stretcher available for emergency



Entrance Gate area concrete done to avoid any slushy material on Road.



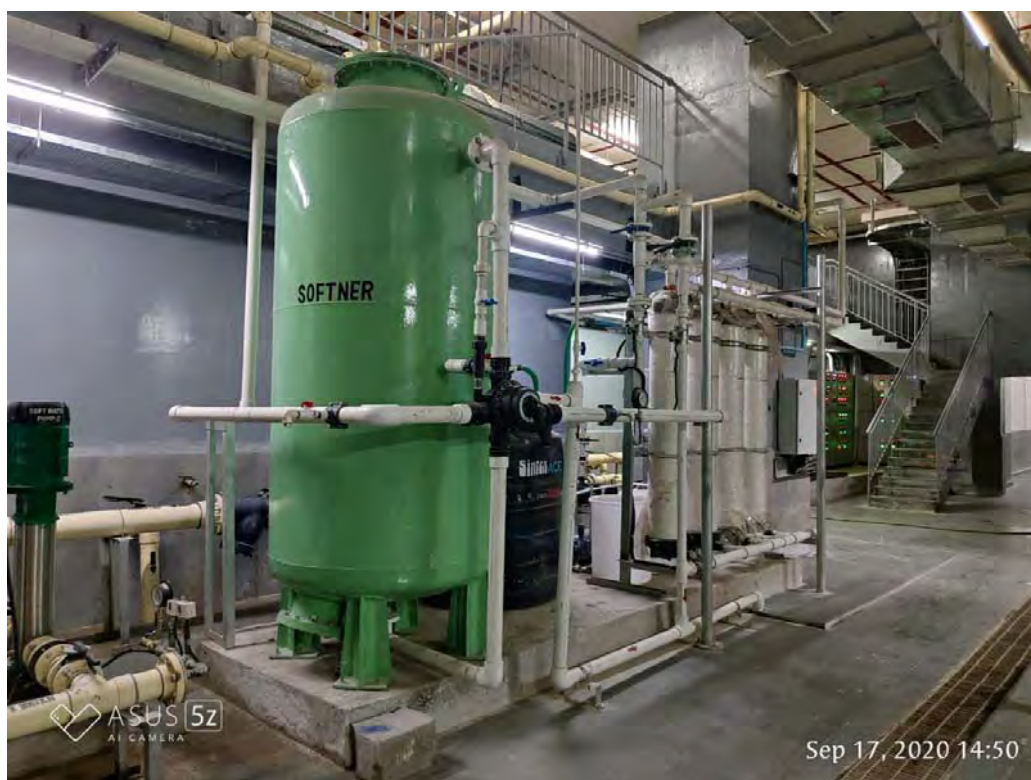
Solar Panel (For Building G2)



STP (For Building G2)



STP (For Building G2)



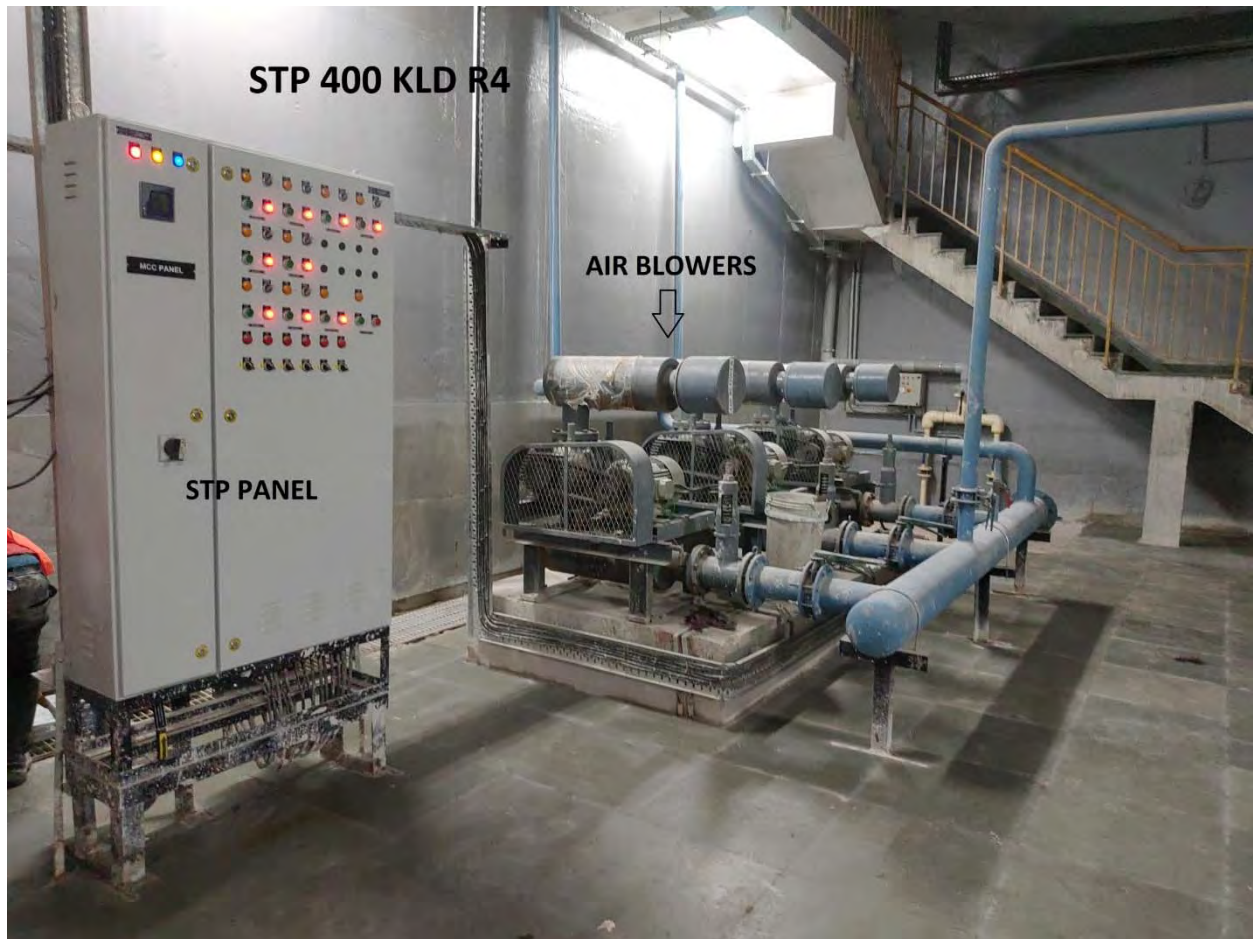
STP (For Building R1)



STP (For Building R1)



STP (For Building R4)



STP (For Building R4)



Toilets for Gents and ladies





STP Tank for workers Toilets





First Aid room at Site







Labours safety training





Provision of sign board at site





Drinking Water at Site



MEDICAL HEALTH CHECK UP CAMP



MEDICAL HEALTH CHECK UP CAMP



DAILY THERMAL & OXYGEN LEVEL TESTING





DINING AND LUNCH AREA



DRINKING WATER AND HAND WASH AREA



LABOUR'S STAYING AREA



TOILETS / BATHROOMS AREA



ENERGY CONSERVATION MEASURES

**Developer
M/s. KRC Infrastructure & Projects Pvt. Ltd.**

**S. No. 65/1, 65/2 & 65/3 at Kharadi, Taluka Haveli, Pune,
Maharashtra**

ENERGY CONSERVATION MEASURES

Power Generation through solar PV Panels

With Energy Efficient Fixtures					With Conventional Fixtures				
S. No.	Description	Load/ Fixture (in Watts)	Power Consumption		S. No.	Description	Load/ Fixture (in Watts)	Power Consumption	
			No. of Fixtures	Total Load (KW)				No. of Fixtures	Total Load (KW)
1	COMMON AREA LIGHTING				1	COMMON AREA LIGHTING			
i	Parking Area				i	Parking Area			
	1x18W LED tube light -4' tube	18	15000	270		1x36W/ T-8 Fluorescent tube light -4' Tube	36	15000	540
ii	Staircases				ii	Staircases			
	1x15W LED surface mounted	15	8000	120.0		2x18W CFL Surface mounted	36	8000	288.0
iii	Lift Lobbies				iii	Lift Lobbies			
	1x18W LED Spot light	18	6000	108.0		2x18W CFL Surface mounted	36	6000	216.0
	Total			498.0 KW		Total			1044.0 KW
	Area Available on Roof Top for Solar Panels	2640	Sq.m						
	Roof Area Required for 1 KW Power Generation	10	Sq.m						
	Total Power Generation from Solar PV	264	KW						

So approximately 50% common area lighting (up to 264KW) as mentioned above is being fed from Solar PV Panels.

Total Saving from use of LED – 546.0 KW

Total Solar Provision – 264.0 KW

Solar Street Lighting

With Energy Efficient Fixtures					With Conventional Fixtures				
S. No.	Description	Load/ Fixture (in Watts)	Power Consumption		S. No.	Description	Load/ Fixture (in Watts)	Power Consumption	
			No. of Fixtures	Total Load (KW)				No. of Fixtures	Total Load (KW)
1	ROAD LIGHTING				1	ROAD LIGHTING			
	40 LED	40	100	4		1x70W HPSV light fixture	70	100	7
2	SAVING DUE TO SOLAR STREET LIGHTS								
	TOTAL SOLAR STREET LIGHT FIXTURES (40W EACH)	40	25	1					
	Total			3.0 KW		Total			7.0 KW
	Total Saving from use of LED and Solar Street lights			4.0 KW					

Total Saving from use of LED and Solar Street lights – 4.0 KW

ECBC Compliances:

S.No	Proposed Energy Conservation Measures	ECM Measures	ECBC 2017 Compliant Building	Unit	Meeting ECBC Yes/No	Construction Strategy
A.	Building Envelope					
1	Fenestration					
a.	U-Value	1.8	3	W/Sq.mK	Yes	Saint Gobain DGU meeting the mentioned parameters or equivalent make
b.	SHGC					
	Maximum SHGC Non-North	0.23	0.27	No Unit	Yes	
	Maximum SHGC North for Latitude<15°N	0.23	0.27	No Unit	Yes	
c.	VLT	27%	<=27	%	Yes	
2	Roof	0.325	0.33	W/Sq.mK	Yes	Overdeck insulation with PUFF, LEC pidilite Technology plus high albedo paint with SRI > 78 %
3	Wall	0.4	0.4	W/Sq.mK	Yes	Concrete wall with 50mm glass wool or equivalent insulation material
B.	Comfort Systems & Controls					
1	Chillers	6.3 at AHRI Conditions	6.3		Yes	Centralized Water Cooled Centrifugal Chillers manufactured by York, Trane, Daikin etc.

ECBC Compliances:

S.No	Proposed Energy Conservation Measures	ECM Measures	ECBC 2017 Compliant Building	Unit	Meeting ECBC Yes/No	Construction Strategy
2	System with other ECM Measures	AHU's with VFD, HRW with 75% Efficiency, VFD for Secondary Pumps and Cooling Towers, CO Sensors for Parking Jet fans with VFD's, Transformer Losses as per ECBC, IE2 efficiency class motors				
C.	Lighting - Space Function Method					
1	Common Areas - AHU Rooms, Toilets	7	7.7	W/Sq.m	Yes	Use of LEDs
2	Parking	2	2.2	W/Sq.m	Yes	Use of LEDs & T5
3	Stairway	5	5.5	W/Sq.m	Yes	Use of LEDs
4	Corridor	7.1	7.1	W/Sq.m	Yes	Use of LEDs
5	Lobby	9	9.1	W/Sq.m	Yes	Use of LEDs
6	Landscaping	0.5	0.5	W/Sq.m	Yes	Use of LEDs
D.	Transformer Losses	As per ECBC	ECBC Compliant		Yes	
E.	Motors	IE2	IE2	Class	Yes	Use of IE2 Motors

**HALF YEARLY POST MONITORING
ENVIRONMENTAL REPORT**

OF

“Construction Project – IT Park”

For

April, 2020 – September, 2020

Developer

M/s. KRC Infrastructure & Projects Pvt. Ltd.

**S. No. 65/1, 65/2 & 65/3 at Kharadi, Taluka Haveli, Pune,
Maharashtra**

Prepared by

ENVIRO ANALYSTS & ENGINEERS P. LTD.,



ENVIRO ANALYSTS & ENGINEERS PVT. LTD.

NABET Accredited & MoEF (Govt. of India) approved

CIN No. : U28900MH1995PTC093129



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Water Sample Analysis Report

Report No. - EAEPL/PM/KIPPL/07-02/08/2020			Report Date – 14.08.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	“IT Park” on plot bearing S.No. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	TANKER WATER	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/W/07-02/08/20 (Near Site Office)	Sample Quantity and Packing	2 L X 1 No. PVC Can. 500 ml X 1 sterile glass bottle
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	06.08.2020	Date of Receipt	07.08.2020
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	07.08.2020 to 14.08.2020		
Report for the month	August, 2020		

Parameters	Unit	Results	IS 10500:2012 Limits		Method
			Acceptable Limits	Permissible Limits	
pH	-	7.32	6.5-8.5	No Relaxation	IS 3025 (Part 11) (1983) Reaffirmed 2012
Total Dissolved Solid	mg / l	284.00	500	2000	IS 3025 (Part 16) (1984) Reaffirmed 2017
Turbidity	NTU	< 1.00	1	5	IS 3025 (Part 10) (1984) Reaffirmed 2012
Alkalinity	mg / l	62.50	200	600	IS 3025 (Part 23) (1986) Reaffirmed 2019
Chlorides as Cl	mg / l	69.98	250	1000	IS 3025 (Part 32) (1988) Reaffirmed 2019
Total Hardness	mg / l	175.00	200	600	IS 3025 (Part 21) (2009) Reaffirmed 2019
Calcium	mg / l	28.60	75	200	IS 3025 (Part 40) (1991) Reaffirmed 2019
Residual chlorine	mg / l	<0.10	0.20	1	IS 3025 (Part 26) (1986) Reaffirmed 2019
Dissolved Oxygen	mg / l	5.20	-	-	IS 3025 (Part 38) (1989) Reaffirmed 2019
Sulphate	mg / l	21.40	200	400	IS 3025 (Part 24) (1986) Reaffirmed 2019
Nitrate	mg / l	0.84	45	No Relaxation	EPA 352.1
Fluoride	mg / l	0.46	1	1.5	APHA 4500 F-D (23 rd Edition)
Heavy Metals:					
Iron (Fe)	mg / l	0.148	0.3	No Relaxation	IS 3025 (Part 53) (2003) Reaffirmed 2019
Copper (Cu)	mg / l	0.032	0.05	5	IS 3025 (Part 42) (1992) Reaffirmed 2009
Zinc (Zn)	mg / l	0.112	5	15	IS 3025 (Part 49) (1994) Reaffirmed 2019
Lead (Pb)	mg / l	0.003	0.01	No Relaxation	IS 3025 (Part 47) (1994) Reaffirmed 2019
Chromium (Cr)	mg / l	0.032	0.05	No Relaxation	IS 3025 (Part 52) (2003) Reaffirmed 2019
Microbiological Analysis:					
Total Coliform	MPN/100ml	Absent	Nil	Shall not be detectable in 100 ml sample	IS 1622:1981 Reaffirmed (2009)
E coli	MPN/100ml	Absent	Absent	Absent	IS 1622:1981 Reaffirmed (2009)

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

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Telefax : 0712 - 2241 836

Pune Branch:
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Nr. Mhatre Bridge, Karvenagar
Pune - 411 052.
Tel. : 020-2432 4444

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Mira Road (East), Thane - 401 107.
Tel. : 022-2811 6442

Workshop :
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Boisar,
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Ambient Air Quality Monitoring Report

Report No. - EAEPL/PM/KIPPL/07-01/08/2020		Report Date - 14.08.2020	
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference - Work Order #
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune		4800129571 dtd. 27.06.2019
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/A/07-01/a,b,c,d/08/20 (Near Site Office)	Sample Quantity and Packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO _x = 1 * 1 No. PVC bottle. NO _x = 1 * 1 No. PVC bottle.
		Sample Preservation	Filter papers - Transported and stored in desiccator. PVC bottles - Transported and stored at 5°C (±1 °C).
Date of Sampling	06.08.2020	Date of Receipt	07.08.2020
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	07.08.2020 to 14.08.2020		
Report for the month	August, 2020		

Environmental Conditions			
Ambient air Temperature (°C)		Relative humidity (%)	Duration of Monitoring
29°C		58 %	8 Hours
RESULTS			
Monitoring Locations	Near Site Office	NAAQS LIMITS	METHOD
Pollution Parameters	PM/A/07-01/a,b,c,d/08/20		
R.S.P.M (PM ₁₀) (µg/m³)	42.42	100 µg/m³	IS 5182 Part 23
R.S.P.M (PM _{2.5}) (µg/m³)	16.22	60 µg/m³	EAEPL/LAB/SOP/AIR/05
SO ₂ (µg/m³)	12.69	80 µg/m³	IS 5182 Part-2 (2001) Reaffirmed 2017
NO _x (µg/m³)	* 14.74	80 µg/m³	IS 5182 Part-6 (2006) Reaffirmed 2017

Remark: All the measured values are within NAAQS limits.

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).

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Ambient Noise Level Monitoring Report

Report No. - EAEPL/PM/KIPPL/07-04/08/2020			Report Date – 14.08.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	“IT Park” on plot bearing S.NO. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	Noise	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/N/07-04/08/20	Sample Quantity and Packing	Not Applicable
Date of Sampling	06.08.2020	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	August, 2020		

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main gate	dB(A) Leq.	54.2	44.6	55	45
Near Site Office	dB(A) Leq.	53.9	43.7	55	45
Near Centre Side of Site	dB(A) Leq.	54.6	42.8	55	45
Near Back Side of Site	dB(A) Leq.	54.8	43.9	55	45

Remark: The noise level was observed to be within CPCB limits at all of the locations.

End

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Soil Sample Analysis Report

Report No. - EAEPL/PM/KIPPL/07-03/08/2020			Report Date – 14.08.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	“IT Park” on plot bearing S.NO. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/S/07-03/08/20 (Centre Side of Site)	Sample Quantity and Packing	500 gm X 1 zip lock bag
		Preservation	Transported & stored in dry area
Date of Sampling	06.08.2020	Date of Receipt	07.08.2020
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	07.08.2020 to 14.08.2020		
Report for the month	August, 2020		

Parameters	Unit	Results	Methods
pH	-	7.48	IS 2720 (Part 26):1987, Reaffirmed:2016
Electrical Conductivity	μS/cm	379.45	IS 14767:2000, Reaffirmed:2016
Soil Moisture	%	15.11	IS 2720 (part02):1973 (Reaffirmed 2015) Oven drying method
Water Holding Capacity	%	35.83	EAEPL/LAB/SOP/SOIL/10
Sulphate	mg/kg	28.60	IS 3025 (Part 24):1986, (Water Extract 1:10)
Chlorides	mg/kg	72.84	APHA 4500 Cl-B and ISRIC Soil analysis procedure, Page No:13-6
Calcium	mg/kg	2033.66	EPA 9080
Magnesium	mg/kg	98.47	EPA 9080
Total Kjeldhal Nitrogen	mg/kg	886.59	IS 14684:1999 (Reaffirmed 2005)
Organic Matter	%	2.68	IS 2720 (Part 22) - 1972 (Reaffirmed 2001)
Available Phosphorus	mg/kg	1.42	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	3247.16	SW-846 Method 3050B
Potassium (K)	mg/kg	3459.58	SW-846 Method 3050B
Heavy Metals:			
Iron	mg/kg	86592.47	SW-846 Method 3050B
Copper	mg/kg	112.36	SW-846 Method 3050B
Lead	mg/kg	100.98	SW-846 Method 3050B
Zinc	mg/kg	144.25	SW-846 Method 3050B

End

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Water Sample Analysis Report

Report No. - EAEPL/PM/KIPPL/07-05/08/2020		Report Date – 14.08.2020	
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.	Reference – Work Order #	
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune	4800129571 dtd. 27.06.2019	
Nature and Description of Sample	Waste Water	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) STP Inlet (PM/W/07-05/08/20)	Sample Quantity and Packing	1 L * 2 No. PVC Can.
	2) STP Outlet (PM/W/07-06/08/20)	Sample Preservation	Cool -Transported and stored at 5°C (± 1°C)
Date of Sampling	06.08.2020	Date of Receipt	07.08.2020
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	07.08.2020 to 14.08.2020		
Report for the month	August, 2020		

Parameters	Unit	Results		MPCB Limits	Method
		PM/W/07-05/08/20	PM/W/07-06/08/20		
pH	-	6.69	7.47	6.5 to 9.0	IS 3025 (Part 11) (1983) Reaffirmed 2012
Total Suspended Solid	mg / l	18.00	8.00	Not more than 20	IS 3025 (Part 17) (1984) Reaffirmed 2017
Biological Oxygen Demand (27°C for 3 Days)	mg / l	68.24	6.67	Not more than 10	IS 3025 (Part 44) (1993) Reaffirmed 2019
Chemical Oxygen Demand	mg / l	132.79	36.00	Not more than 50	IS 3025 (Part 58) (2006) Reaffirmed 2017

End

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Stack Emission Analysis Report

Report No. - EAEPL/PM/KIPPL/07-07/08/2020		Report Date -14.08.2020	
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference - Work Order #
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune		4800129571 dtd. 27.06.2019
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling Locations and Sample Code	1) DG Set (125 KVA) (PM/SE/07-07/08/20)	Sample Quantity and Packing	100 ml X 1 No. PVC bottle. TPM = 1 X 1 No. Filter paper.
		Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	06.08.2020	Date of Receipt	07.08.2020
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part-1 & 2)		
Period of Analysis	07.08.2020 to 14.08.2020		
Report for the month	August, 2020		

Sr. No.	Particulars	Stack Details	Limits
		(PM/SE/07-07/08/20)	
1	Stack attached to	DG Set	-
2	Type of Fuel	Diesel	-
3	Temp. of Flue Gas	121 °C	-
4	Flue Gas Velocity	13.48 m/sec	-
5	Total Particulate Matter (TPM)	3.72 mg/Nm ³	150 mg/Nm ³
6	Sulphur Dioxide (SO ₂)	1.20 kg/day	5.0 kg/day

End

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,



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Stack Emission Analysis Report

Report No. - EAEPL/PM/KIPPL/07-08/08/2020			Report Date -14.08.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference - Work Order #
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune		4800129571 dtd. 27.06.2019
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling Locations and Sample Code	1) DG Set (250 KVA) (PM/SE/07-08/08/20)	Sample Quantity and Packing	100 ml X 1 No. PVC bottle. TPM = 1 X 1 No. Filter paper.
		Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	06.08.2020	Date of Receipt	07.08.2020
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part-1 & 2)		
Period of Analysis	07.08.2020 to 14.08.2020		
Report for the month	August, 2020		

Sr. No.	Particulars	Stack Details	Limits
		(PM/SE/07-08/08/20)	
1	Stack attached to	DG Set	-
2	Type of Fuel	Diesel	-
3	Temp. of Flue Gas	123 °C	-
4	Flue Gas Velocity	14.98 m/sec	-
5	Total Particulate Matter (TPM)	4.67 mg/Nm ³	150 mg/Nm ³
6	Sulphur Dioxide (SO ₂)	1.60 kg/day	5.0 kg/day

-End-

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Water Sample Analysis Report

Report No. - EAEPL/PM/KIPPL/12-02/09/2020		Report Date – 21.09.2020	
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order #
Site Address	"IT Park" on plot bearing S.No. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune		4800129571 dtd. 27.06.2019
Nature and Description of Sample	TANKER WATER	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/W/12-02/09/20 (Near Site Office)	Sample Quantity and Packing	2 L X 1 No. PVC Can. 500 ml X 1 sterile glass bottle
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	11.09.2020	Date of Receipt	12.09.2020
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.09.2020 to 21.09.2020		
Report for the month	September, 2020		

Parameters	Unit	Results	IS 10500:2012 Limits		Method
			Acceptable Limits	Permissible Limits	
pH	-	7.28	6.5-8.5	No Relaxation	IS 3025 (Part 11) (1983) Reaffirmed 2012
Total Dissolved Solid	mg / l	296.00	500	2000	IS 3025 (Part 16) (1984) Reaffirmed 2017
Turbidity	NTU	< 1.00	1	5	IS 3025 (Part 10) (1984) Reaffirmed 2012
Alkalinity	mg / l	60.50	200	600	IS 3025 (Part 23) (1986) Reaffirmed 2019
Chlorides as Cl	mg / l	71.84	250	1000	IS 3025 (Part 32) (1988) Reaffirmed 2019
Total Hardness	mg / l	172.00	200	600	IS 3025 (Part 21) (2009) Reaffirmed 2019
Calcium	mg / l	32.06	75	200	IS 3025 (Part 40) (1991) Reaffirmed 2019
Residual chlorine	mg / l	<0.10	0.20	1	IS 3025 (Part 26) (1986) Reaffirmed 2019
Dissolved Oxygen	mg / l	5.40	-	-	IS 3025 (Part 38) (1989) Reaffirmed 2019
Sulphate	mg / l	18.10	200	400	IS 3025 (Part 24) (1986) Reaffirmed 2019
Nitrate	mg / l	0.72	45	No Relaxation	EPA 352.1
Fluoride	mg / l	0.36	1	1.5	APHA 4500 F-D (23 rd Edition)
Heavy Metals:					
Iron (Fe)	mg / l	0.156	0.3	No Relaxation	IS 3025 (Part 53) (2003) Reaffirmed 2019
Copper (Cu)	mg / l	0.036	0.05	5	IS 3025 (Part 42) (1992) Reaffirmed 2009
Zinc (Zn)	mg / l	0.110	5	15	IS 3025 (Part 49) (1994) Reaffirmed 2019
Lead (Pb)	mg / l	0.003	0.01	No Relaxation	IS 3025 (Part 47) (1994) Reaffirmed 2019
Chromium (Cr)	mg / l	0.030	0.05	No Relaxation	IS 3025 (Part 52) (2003) Reaffirmed 2019
Microbiological Analysis:					
Total Coliform	MPN/100ml	Absent	Nil	Shall not be detectable in 100 ml sample	IS 1622:1981 Reaffirmed (2009)
E coli	MPN/100ml	Absent	Absent	Absent	IS 1622:1981 Reaffirmed (2009)

End

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Ambient Air Quality Monitoring Report

Report No. - EAEPL/PM/KIPPL/12-01/09/2020			Report Date – 21.09.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	“IT Park” on plot bearing S.NO. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/A/12-01/a,b,c,d/09/20 (Near Site Office)	Sample Quantity and Packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO _x = 1 * 2 Nos. PVC bottle. NO _x = 1 * 2 Nos. PVC bottle.
		Sample Preservation	Filter papers – Transported and stored in desiccator. PVC bottles - Transported and stored at 5°C (±1 °C).
Date of Sampling	11.09.2020	Date of Receipt	12.09.2020
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	12.09.2020 to 21.09.2020		
Report for the month	September, 2020		

Environmental Conditions			
Ambient air Temperature (°C)	Relative humidity (%)	Duration of Monitoring	
29°C	58 %	8 Hours	
RESULTS			
Monitoring Locations	Near Site Office	NAAQS LIMITS	METHOD
Pollution Parameters	PM/A/12-01/a,b,c,d/09/20		
R.S.P.M (PM ₁₀) (µg/m ³)	41.17	100 µg/m ³	IS 5182 Part 23
R.S.P.M (PM _{2.5}) (µg/m ³)	13.72	60 µg/m ³	EAEPL/LAB/SOP/AIR/05
SO ₂ (µg/m ³)	13.24	80 µg/m ³	IS 5182 Part-2 (2001) Reaffirmed 2017
NO _x (µg/m ³)	* 15.69	80 µg/m ³	IS 5182 Part-6 (2006) Reaffirmed 2017

Remark: All the measured values are within NAAQS limits.

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

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Ambient Noise Level Monitoring Report

Report No. - EAEPL/PM/KIPPL/12-04/09/2020			Report Date – 21.09.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	“IT Park” on plot bearing S.NO. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	Noise	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/N/12-04/09/20	Sample Quantity and Packing	Not Applicable
Date of Sampling	11.09.2020	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	September, 2020		

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main gate	dB(A) Leq.	53.2	44.2	55	45
Near Site Office	dB(A) Leq.	53.6	43.1	55	45
Near Centre Side of Site	dB(A) Leq.	54.2	42.4	55	45
Near Back Side of Site	dB(A) Leq.	54.1	43.6	55	45

Remark: The noise level was observed to be within CPCB limits at all of the locations.

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

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Workshop :

Plot No. E - 122,
MIDC Tarapur,
Boisar,
Dist. - Thane - 401 506.



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IND/MIS/QUE/NAB-C0036/289



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Soil Sample Analysis Report

Report No. - EAEPL/PM/KIPPL/12-03/09/2020			Report Date – 21.09.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) PM/S/12-03/09/20 (Centre Side of Site)	Sample Quantity and Packing	500 gm X 1 zip lock bag
		Preservation	Transported & stored in dry area
Date of Sampling	11.09.2020	Date of Receipt	12.09.2020
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	12.09.2020 to 21.09.2020		
Report for the month	September, 2020		

Parameters	Unit	Results	Methods
pH	-	7.39	IS 2720 (Part 26):1987, Reaffirmed:2016
Electrical Conductivity	µS/cm	382.47	IS 14767:2000, Reaffirmed:2016
Soil Moisture	%	14.97	IS 2720 (part02):1973 (Reaffirmed 2015) Oven drying method
Water Holding Capacity	%	34.62	EAEPL/LAB/SOP/SOIL/10
Sulphate	mg/kg	26.80	IS 3025 (Part 24):1986, (Water Extract 1:10)
Chlorides	mg/kg	69.98	APHA 4500 Cl ⁻ B and ISRIC Soil analysis procedure, Page No:13-6
Calcium	mg/kg	2011.22	EPA 9080
Magnesium	mg/kg	117.26	EPA 9080
Total Kjeldhal Nitrogen	mg/kg	812.34	IS 14684:1999 (Reaffirmed 2005)
Organic Matter	%	2.46	IS 2720 (Part 22) – 1972 (Reaffirmed 2001)
Available Phosphorus	mg/kg	1.84	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	3365.21	SW-846 Method 3050B
Potassium (K)	mg/kg	3587.44	SW-846 Method 3050B
Heavy Metals:			
Iron	mg/kg	86547.21	SW-846 Method 3050B
Copper	mg/kg	108.63	SW-846 Method 3050B
Lead	mg/kg	98.89	SW-846 Method 3050B
Zinc	mg/kg	141.57	SW-846 Method 3050B

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

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Water Sample Analysis Report

Water Sample Analysis Report

Report No. - EAEPL/PM/KIPPL/12-05/09/2020			Report Date – 21.09.2020
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference – Work Order # 4800129571 dtd. 27.06.2019
Site Address	“IT Park” on plot bearing S.NO. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		
Nature and Description of Sample	Waste Water	Sample Collected by	EAEPL Laboratory
Sampling Locations and Sample Code	1) STP Inlet (PM/W/12-05/09/20)	Sample Quantity and Packing	1 L* 2 No. PVC Can.
	2) STP Outlet (PM/W/12-06/09/20)	Sample Preservation	Cool -Transported and stored at 5°C (± 1°C)
Date of Sampling	11.09.2020	Date of Receipt	12.09.2020
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.09.2020 to 21.09.2020		
Report for the month	September, 2020		

Parameters	Unit	Results		MPCB Limits	Method
		PM/W/12-05/09/20	PM/W/12-06/09/20		
pH	-	6.72	7.26	6.5 to 9.0	IS 3025 (Part 11) (1983) Reaffirmed 2012
Total Suspended Solid	mg / l	24.00	12.00	Not more than 20	IS 3025 (Part 17) (1984) Reaffirmed 2017
Biological Oxygen Demand (27°C for 3 Days)	mg / l	57.24	8.00	Not more than 10	IS 3025 (Part 44) (1993) Reaffirmed 2019
Chemical Oxygen Demand	mg / l	128.66	42.00	Not more than 50	IS 3025 (Part 58) (2006) Reaffirmed 2017

End

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

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Stack Emission Analysis Report

Report No. - EAEPL/PM/KIPPL/12-07/09/2020		Report Date -21.09.2020	
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference - Work Order #
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 &65/3 at Kharadi, Dist. Pune		4800129571 dtd. 27.06.2019
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling Locations and Sample Code	1) DG Set (125 KVA) (PM/SE/12-07/09/20)	Sample Quantity and Packing	100 ml X 1 No. PVC bottle. TPM = 1 X 1 No. Filter paper.
		Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	11.09.2020	Date of Receipt	12.09.2020
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part-1 & 2)		
Period of Analysis	12.09.2020 to 21.09.2020		
Report for the month	September, 2020		

Sr. No.	Particulars	Stack Details	Limits
		(PM/SE/12-07/09/20)	
1	Stack attached to	DG Set	-
2	Type of Fuel	Diesel	-
3	Temp. of Flue Gas	122 °C	-
4	Flue Gas Velocity	13.36 m/sec	-
5	Total Particulate Matter (TPM)	3.84 mg/Nm ³	150 mg/Nm ³
6	Sulphur Dioxide (SO ₂)	1.40 kg/day	5.0 kg/day

End

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,



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Stack Emission Analysis Report

Report No. - EAEPL/PM/KIPPL/12-08/09/2020		Report Date - 21.09.2020	
Name of Customer	M/S. KRC Infrastructure and Projects Pvt. Ltd.		Reference - Work Order #
Site Address	"IT Park" on plot bearing S.NO. 65/1,65/2 & 65/3 at Kharadi, Dist. Pune		4800129571 dtd. 27.06.2019
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling Locations and Sample Code	1) DG Set (250 KVA) (PM/SE/12-08/09/20)	Sample Quantity and Packing	100 ml X 1 No. PVC bottle. TPM = 1 X 1 No. Filter paper.
		Preservation	Cool -Transported and stored at 5 °C (± 1°C)
Date of Sampling	11.09.2020	Date of Receipt	12.09.2020
Sampling Procedure	Indian Standard Method for measurement of emissions from stationary sources, 11255 (Part-1 & 2)		
Period of Analysis	12.09.2020 to 21.09.2020		
Report for the month	September, 2020		

Sr. No.	Particulars	Stack Details	Limits
		(PM/SE/12-08/09/20)	
1	Stack attached to	DG Set	-
2	Type of Fuel	Diesel	-
3	Temp. of Flue Gas	122 °C	-
4	Flue Gas Velocity	14.36 m/sec	-
5	Total Particulate Matter (TPM)	4.48 mg/Nm ³	150 mg/Nm ³
6	Sulphur Dioxide (SO ₂)	1.50 kg/day	5.0 kg/day

End

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: May 28, 2019

To,
M/s KRC Infrastructure & Projects Pvt. Ltd. On behalf of Gera Developments Pvt. Ltd.
at S. No. 65/1, 65/2 & 65/3

Subject: Environment Clearance for Construction of IT PARK

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 67th 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 162nd meetings.


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

Brief Information of the project submitted by you is as below :-

1.Name of Project	Proposed IT PARK
2.Type of institution	Private
3.Name of Project Proponent	M/s KRC Infrastructure & Projects Pvt. Ltd. On behalf of Gera Developments Pvt. Ltd.
4.Name of Consultant	M/s Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	IT park
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 65/1, 65/2 & 65/3
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Anil Mathur
Room Number:	KRC Infrastructure & Projects Pvt. Ltd.
Floor:	Plot No. C-30, Block G, Opp SIDBI
Building Name:	KRC Infrastructure & Projects Pvt. Ltd.
Road/Street Name:	Bandra Kurla Complex
Locality:	Bandra East
City:	Mumbai 400 051
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	DP LAYOUT approval from Pune Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: DPO/CC/1455/17
	Approved Built-up Area: 254256
13.Note on the initiated work (If applicable)	Total construction work carried out as per the EC is 94116.0 Sq.m

SEIAA Meeting No: 162 Meeting Date: March 28, 2019 (SEIAA-
STATEMENT-0000001270)
SEIAA-MINUTES-0000001921
SEIAA-EC-0000001563

Page 1 of 14


Shri. Anil Diggikar (Member Secretary
SEIAA)

14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	DP layout approval from Pune Municipal Corporation
15.Total Plot Area (sq. m.)	104400
16.Deductions	21377
17.Net Plot area	83022
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 254256
	Non FSI area (sq. m.): 271415
	Total BUA area (sq. m.): 525671
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 254256
	Approved Non FSI area (sq. m.): 271415
	Date of Approval: 08-09-2017
19.Total ground coverage (m2)	27181
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26%
21.Estimated cost of the project	12500000000

Government of Maharashtra

22. Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
23. Total Water Requirement				
Dry season:	Source of water	Pune Municipal corporation and recycled water from STP		
	Fresh water (CMD):	1319		
	Recycled water - Flushing (CMD):	1741		
	Recycled water - Gardening (CMD):	30		
	Swimming pool make up (Cum):	0		
	Total Water Requirement (CMD) :	2549		
	Fire fighting - Underground water tank(CMD):	1800		
	Fire fighting - Overhead water tank(CMD):	0		
	Excess treated water	0		
Wet season:	Source of water	Pune Municipal corporation, recycled water from STP and RWH		
	Fresh water (CMD):	1079		
	Recycled water - Flushing (CMD):	1771		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	0		
	Total Water Requirement (CMD) :	2850		
	Fire fighting - Underground water tank(CMD):	1800		
	Fire fighting - Overhead water tank(CMD):	0		
	Excess treated water	0		
Details of Swimming pool (If any)		Not Proposed		

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	18
	Size and no of RWH tank(s) and Quantity:	55x6, 215x1
	Location of the RWH tank(s):	Parking level 1, Parking level 3, Ground level
	Quantity of recharge pits:	2
	Size of recharge pits :	900 mm x 900 mm
	Budgetary allocation (Capital cost) :	12000000
	Budgetary allocation (O & M cost) :	160000
	Details of UGT tanks if any :	Domestic UG tank :1920 cum Flushing UG tank:1200 cum Fire UG tank : 1800 cum

26.Storm water drainage	Natural water drainage pattern:	towards east of the plot
	Quantity of storm water:	0.79 cum/sec
	Size of SWD:	0.75 m (b) x 0.75 m (d)

27.Sewage and Waste water	Sewage generation in KLD:	1968
	STP technology:	MBBR
	Capacity of STP (CMD):	6x 330
	Location & area of the STP:	Ground level
	Budgetary allocation (Capital cost):	48000000
	Budgetary allocation (O & M cost):	6900000

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Steel 440 ton, sand 9540 ton, aggregates 11300 ton
	Disposal of the construction waste debris:	Steel cut pieces shall be used as spacers and chairs in the structure and wastage of steel (balance non usable steel of odd lengths) is sent for recycling, Wastage of sand will be used for bedding for flooring purpose. They shall also be used for backfilling and filler material for levelling of internal roads and pavements, aggregates Shall be used in road pavement and parking bay
Waste generation in the operation Phase:	Dry waste:	8400
	Wet waste:	3600
	Hazardous waste:	0
	Biomedical waste (If applicable):	not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	E waste Authorize vendor shall be appointed for the collection and for final disposal. Separate area has been provided (58.0 Sq.m) for the E waste storage.
Mode of Disposal of waste:	Dry waste:	Handed over to authorize recycler for further handling and disposal.
	Wet waste:	Will be converted to compost using Mechanical composter
	Hazardous waste:	Shall be handover to authorized vendor
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	Authorize vendor shall be appointed for the collection and for final disposal. Separate area has been provided (58.0 Sq.m) for the E waste storage.
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	58
	Area for machinery:	80
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	11500000
	O & M cost:	4800000

29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



Government of Maharashtra

30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

33.Source of Fuel	Not applicable
34.Mode of Transportation of fuel to site	Not applicable

35.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 kW
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	37201 kW
	During Operation phase (Demand load):	28658 kW
	Transformer:	6 Sets x 4x1500KVA, 22KV/0.433 KV, DRY TYPE CAST RESIN TRANSFORMERS
	DG set as Power back-up during operation phase:	6 Sets x (2 x 2000kVA + 2 x 1000kVA), 3 PHASE, 415V, 50 Hz, RADIATOR COOLED DG SETS
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

Energy saving by non-conventional method:
Solar PV panels Solar Street Lighting LED Lighting

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures		Saving %	
1	Solar Street Lights		4 kw	
2	Solar PV panels		264 kW	
3	LED		546 KW	
37.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
Not applicable	Not applicable		Not applicable	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	22500000		
	O & M cost:	600000		
38.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	25	
2	Noise Environment	Site Baricades and Green Belt Developments	18	
3	Water Environment	Modular STP , Drainage with sedimentation tanks	10	
4	Good Health Practices	Site Sanitation & Health Care	12	
5	Environment Monitoring	Air, water ,noise soil monitoring during construction phase	16	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water harvesting	Tanks and Recharge well	120	1.6
2	waste management	collection segregation storage and treatment	115	48
3	Waste water treatment and recycling	STP	480	69
4	Landscaping	-	75	12
5	Non Conventional Energy System	-	225	6
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Available							



Government of Maharashtra

	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Our entire proposal comprising of total built-up area 5,25,670.80 Sq. m was appraised and recommended by SEAC-III. SEIAA appraised the recommended proposal, but issued EC dated 02-02-2017 restricting the construction for the built-up area of 1,75,491.53 Sq.m as had been approved by Pune Municipal Corporation at that time. The SEIAA instructed us to approach them directly for the enhanced area EC after obtaining Municipal approvals. We have obtained Municipal Approvals and as directed by SEIAA do hereby approach them for grant of EC for the entire project.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	04-07-2017

3. The proposal has been considered by SEIAA in its 162nd 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:

Specific Conditions:

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	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 imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC & SEIAA.
V	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.
VI	If applicable 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.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	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.
IX	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.

X	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.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	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.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	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.
XVI	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.
XVII	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.
XVIII	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.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	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.
XXI	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.
XXII	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).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	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 effluent, 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 effluent, 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.
XXVIII	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.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	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.
XXXI	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.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	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.

XXXIV	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.
XXXV	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.
XXXVI	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.
XXXVII	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.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	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.
XL	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.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	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.
XLIII	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.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	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.
XLIX	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 .
L	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.
LI	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.
LII	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 , NO _x (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.
LIII	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.

LIV	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.
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Government of Maharashtra

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 Environment 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 as per EIA Notification, 2006, and amendments by 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 Environment 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.

Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
E-mail: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E)
Mumbai-400 022.

Consent order No: - BO/CAC-cell/ CE/CAC- 1703000 255

Date- 04/03/2017

To,
M/s KRC Infrastructure & Projects Pvt. Ltd. on behalf of Gera Developments P. Ltd.,
S. No. 65/1, 65/2 & 65/3, Village - Kharadi, Taluka - Haveli, Pune

Subject: Consent to Establish for construction of IT-Park under ORANGE category.

Ref :

1. Your Application approved in 5th CAC meeting of 2016-17 (2nd sitting) held on 08.12.2016

Your application No. UAN-7159

Dated: 06.06.2016

For: Consent to Establish for construction of IT-Park

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 Authorization under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 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 up to: commissioning of the project or 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 1250 crs (As per documents submitted by project proponent).
3. The Consent to Establish is valid for construction of IT-park building of M/s KRC Infrastructure & Projects Pvt. Ltd. on behalf of Gera Developments P. Ltd., S. No. 65/1, 65/2 & 65/3, Village - Kharadi, Taluka - Haveli, Pune on Total Plot area of 1,04,400 sq.m. and total Construction BUA of 5,25,670.8 sq.m., including utilities and services 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 (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	N.A.
2.	Domestic effluent	1968	As per Schedule -I	The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body

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 (12 Nos.x 2000 KVA)	12	As Per Schedule -II
2	DG Sets (12 Nos. x 1000 KVA)	12	As Per Schedule -II

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

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Wet Garbage	3600 kg/day	Organic Waste Convertor (OWC)	use as manure
2	Dry Garbage	8400 kg/day	-	Hand over to local body or sale for recycle
3	STP sludge	300 kg/day	-	use as manure

7. Conditions under E-Waste (Management and Handling) Rule,2011 :

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	E-waste	420 Kg/day	Nil	Through authorized recyclers

8. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Disposal
1	Used Oil	5.1	As actual	Lit/M	Recycle/ Reprocess

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall submit the affidavit within 15 days in the prescribed format regarding the compliance of conditions of EC and Consent to Establish.
- The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.

For and on behalf of the
Maharashtra Pollution Control Board



(Signature)
(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Dr.No.	Bank Name	Transaction Type	Amount	Received date
1	0171663	Axis bank	RTGS	25,00,000/-	15.06.2016

Copy to:

- Regional Officer, MPCB, Pune and Sub-Regional Officer MPCB, Pune-I
-- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install 6 nos. of Sewage Treatment Plants (STPs) having total capacity of 1980 KLD (330 KLD x 6).
- B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

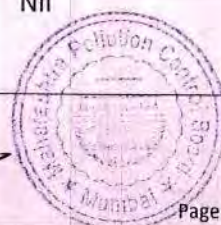
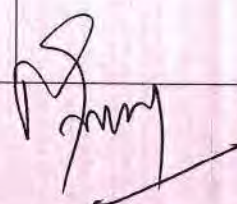
Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	BOD (3 days 27oC)	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the record with data logging system.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks 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 and extension or addition thereto.
- 3) The industry 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 there under 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.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	2731 CMD (960 CMD fresh water & 1771 CMD recycled water).
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity and UOM	S%
1	DG Sets (12 Nos.x 2000 KVA)	Acoustic enclosure	8.9 * each	HSD	@ 0.21 liters/hr/KVA at full load.	1
	DG Sets (12 Nos. x 1000 KVA)	Acoustic enclosure	6.3* each	HSD	@ 0.21 liters/hr/KVA at full load.	1

* Above roof of the building in which it is installed.

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 mg/Nm ³ .
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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 for utilities like Kitchen, Eating Places:-

- a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
- b) The toilet shall be provided with exhaust system connected to chimney through ducting.
- c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
- d) The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.



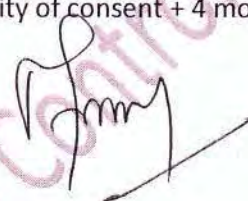
Schedule-III
Details of Bank Guarantees

Proposed BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG	Compliance Period	Validity++
1	Consent to Establish	Rs. 25 lakh	15 days from date of issue of consent	Towards compliance of EIA Notification, 2006 / EC and Consent to Establish condition.	COU or 5 years whichever is earlier	Validity of this consent + 4 months

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months



Schedule-IV

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 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.

General Conditions:

- 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, Noise (Pollution and Control) Rules, 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) 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) Applicant 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.**



Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and 4th floor,
Opp. Cine Planet Cinema, Near Sion
Circle, Sion (E), Mumbai-400022

No:- Format1.0/CAC-CELL/UAN No.0000077465/CO 1912000112

Date: 04/12/2019

To,
M/s KRC Infrastructure & Projects Pvt. Ltd.,
S. Nos. 65/1, 65/2 & 65/3, Kharadi, Tal. Haveli, Dist. Pune.

Sub: Grant of Consent to 1st Operate (Part-I) for IT Park Building 'G-2' under Red Category

- Ref:**
1. Environment Clearance accorded by Env. Dept., GoM vide No. SEIAA-EC-0000001563 dtd. 28/05/2019.
 2. Consent to Establish accorded by Board vide No. BO/CAC-Cell/CE/CAC-1703000255 dtd. 04/03/2017.
 3. Minutes of Consent Appraisal Committee meeting held on 07/11/2019.

Your application No.MPCB-CONSENT-0000077465 Dated 02.08.2019

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 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 1st Consent to Operate is granted for a period up to 31.08.2024
2. The capital investment of the project is Rs.208.27 Crs. (As per C.A Certificate submitted by industry).
3. The Consent to Operate (Part-I) is valid for IT Park Building 'G-2' of M/s KRC Infrastructure & Projects Pvt. Ltd. (on behalf of Gera Developments Pvt. Ltd.) at plot bearing S. Nos. 65/1, 65/2 & 65/3, Kharadi, Tal. Haveli, Dist. Pune on total plot area of 1,04,400 sq. mtrs. for construction BUA 88,182.99 sq. mtrs. out of total construction BUA of 5,25,671 sq. mtrs. as per Environment Clearance and construction permission issued by Local Body including utilities and services.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (In CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	288	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, fire-fighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line.

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1 to S-4	DG Sets (4x2250 KVA)	4	As per Schedule -II

6. Conditions under Solid Waste Rules, 2016:



Maharashtra Pollution Control Board

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Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable waste	600 Kg/Day	OWC followed by composting	Used as manure for gardening
2	Non-Biodegradable waste	1400 Kg/Day	Segregation	Handed over to authorize recycler for further handling and disposal.
3	STP Sludge	72 Kg/Day	Drying	Used as manure for gardening

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used /spent oil	500	Ltr/A	--	Sale to Auth. Party/ Re-processor
2	E-waste	70	Kg/Day	Segregation	Sale to Auth. Party/ Re-processor

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- PP shall submit undertaking in Board's prescribed format within 15 days towards compliance of Environmental Clearance (EC) and Consent to Operate conditions.
- PP shall submit the undertaking within 15 days in the prescribed format regarding the part of built up area/ building for which application for 1st Consent to Operate (Part-I) is made and that the same is included in the Environmental Clearance accorded.
- PP shall operate STP so as to achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line.
- PP shall operate organic waste digester along with composting facility and compost obtained shall be used as manure in their own garden/ plantation.
- PP shall extend existing BG of Rs. 25 Lakhs towards Operation and maintenance of pollution control systems and towards compliance of the Consent to Operate conditions.
- PP shall provide bus transport for employees to the extent possible directly or indirectly through the operator so as to reduce traffic congestion and resultant in reduction of air pollution.
- PP will be responsible for proper operation & maintenance of pollution control systems for initial period of five years after Society formation and afterward handover the facility to the Society for its further operation in good and working conditions.

For and on behalf of the
Maharashtra Pollution Control Board.

(E. Ravendran IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2082700.00	5454621	02/08/2019	RTGS

Copy to:

- Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Sion, Mumbai
- CC-CAC Desk- for record & website updating purpose



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **350 CMD for treatment of domestic effluent of 288 CMD.**
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

- C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, fire-fighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line. In no case, effluent shall find its way outside Project's premise.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks 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 and extension or addition thereto.
- 3) The industry 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) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	360.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



Maharashtra Pollution Control Board

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SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have provided the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1 to S-4	DG Sets (4x2250 KVA)	Acoustic Enclosure/ Stack	10	HSD	2250 Kg/Hr

- 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.

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 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 for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.



Maharashtra Pollution Control Board

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SCHEDULE-III Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2O (Part-I)	2500000	Within 15 days	Towards O&M of pollution control systems and towards compliance of the Consent conditions	31.08.2024	31.12.2024

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						



SCHEDULE-IV

General Conditions:

- 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 Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) 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 Solid Waste Management Rule 2016 & 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 Applicant 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 make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

high court said that companies or their advocates often appoint the same advocate in hundreds even thousands of disputes as the arbitrator of choice. Additionally, the HC further directed that an arbitrator should not be appointed out clearly, not approximate, had been appointed as an arbitrator by the company in 252 matters where the company is a claimant and misleadingly said that in 252 matters are ongoing, besides other discrepancies. Justice P. N. Lakshmi directed the company and its

An 80-year-old Sawarnal Gadodia from Orissa had come to the HC to challenge four awards (decisions) passed by the sole arbitrator — advocate P C Phalgunan — in February 2019. He was appointed by the company's ad-

number of proceedings in which the same advocate is appointed as an arbitrator. The list clarifies that while many advocates were appointed only once to three matters as arbitrators, a few have been appointed in 200 to 600 matters.

with more 40 countries. The company to six months internship majority of Germany, United States

PUBLIC NOTICE

Government of Maharashtra, SEIAA, Environment Department has accorded Environmental Clearance (EC) No. SEIAA-EC-0000001563 dated 28th May 2019 for Proposed IT Park Project on plot bearing S. Nos. 65/1, 65/2 & 65/3 at Kharadi, Dist. Pune-411 014.

The copy of the clearance letter is available with Maharashtra Pollution Control Board and may also be seen at the Environment Department, Maharashtra State website at <http://ec.maharashtra.gov.in>

KRC Infrastructure and Projects Pvt. Ltd.
S. Nos. 65/1, 65/2 & 65/3 at Kharadi, Dist. Pune-411 014

PSPCL Punjab State Power Corporation Limited

(Regd. Office : PSEB Head Office, The Mall, Patiala)
Corporate Identity Number (CIN) : U40109PB2010SGC033813
O/o CE/MM, Room No. 212, 2nd floor, Multi Story Building, PSPCL Head Office, The Mall Patiala. Phone No. 091-175-2213047,
Fax No. 091-175-2225024; Mob : 96461-19383, 96461-11036,
E-mail : apoconductors@gmail.com, apo-c@pspcl.in,
Website : www.pspcl.in; e-tendering portal : <https://pspcl.abcpocure.com>

TENDER ENQUIRY NO. : QQ-216/PSPCL/PO-C

Short Description	Procurement of 1,80,000 No. Pressure/Gravity Die cast Aluminium alloy with 02 no. U-Bolt Dead End Clamps conforming to IS:2486/1993 (with latest amendments, if any) and to PSEB's now PSPCL Drawing no. 120, complete with hot dip galvanized MS Strap, Nuts, Bolts, Washers etc* suitable to hold ACSR of sizes from 30-80 mm ²
Start date for down loading of Specification/tender documents from PSPCL's web site https://pspcl.abcpocure.com	30.05.2019 at 11:00 AM
Last date for down loading of Specification/tender documents from PSPCL's web site https://pspcl.abcpocure.com	20.06.2019 up to 11:00 AM
Last date of bid Submission	21.06.2019 up to 11:00 AM
Bid Opening date.	21.06.2019 at 11:30 AM

For detailed NIT & Tender specification please refer to <https://pspcl.abcpocure.com>
Note :- It is informed that in case tender process is not completed due to any reason, no corrigendum will be published in newspapers. Details regarding corrigendum may be seen on official PSPCL website www.pspcl.in

266/C207-19 May 29, 2019
DPR/Pb:C-5512

Chief Purchase Officer/MM,
Central Purchase Organisation,
PSPCL, Patiala.

PSPCL Punjab State Power Corporation Limited

Regd. Office : PSEB Head Office, The Mall Patiala-147001.
Corporate Identity Number U40109PB2010SGC033813:
Website : www.pspcl.in

(O/o CE/TS, B-1, Shakti Vihar, Patiala)
Phone No. 0175-2301537, Fax No. 0175-2220143,
Email: se-ss-design@pspcl.in

Online Tenders are invited for the supply of the following material as per Tender Specification No. 184/2019 of PSPCL :-

Item No.	Description	Qty (Nos.)	Enquiry No./Year.
1.	11 KV Capacitor Banks (1.36 1 MVAR each)	720	184/2019
2	Spare Capacitor Units (137.234 KVAR)	1200	
Last date & time for downloading of tenders		03.07.19, 11.30 A.M.	
Last date & time for bid submission		04.07.19, 11.00 A.M.	
Date & time of opening of bids		04.07.19, 11.30 A.M.	

EMD 20,00,000/-

Minimum EMD 6,63,104/-

Detailed NIT and Specification may be down-loaded from PSPCL e-tendering website <https://pspcl.abcpocure.com>

It is informed that in case tender process is not completed due to any reason, No CORRIGENDUM will be published in newspapers. Details regarding corrigendum may be seen on PSPCL website www.pspcl.in and www.pspcl.abcpocure.com

ANDHRA PRADESH STATE CIVIL SUPPLIES CORPORATION LIMITED

Head Office : 10-15/1, Sri Sai Towers, Bandar Road, Kanuru, Vijayawada-520007

LR.No.PDS/P2/2019/RF/2018-19

Dated : 29-05-2019

TENDER NOTICE

Empanelment of Suppliers through NeML e-Reverse Auction Platform for Supply 2900 MTS of Fortified Rice Kernels (FRKS) with Threes (3) Micro Nutrients for Distribution under PDS, MDM and ICDS to Vizianagaram, East Godavari, West Godavari and Krishna Districts in Andhra Pradesh. Supply 483 MTS of FRK per Month in 25 KG Bag Delivery for a Period of Six Months from July/August 2019 onwards to APSCSCL.

Applications are invited from the interested Producers / Manufacturers of FRKS for registration as suppliers to participate through e-Reverse auction conducting on NeML Platform on behalf of APSCSCL Ltd. for supply of FRKS in 4 districts in Andhra Pradesh State.

For registration, interested producers of FRKS may visit in the website www.neml.in and www.apscsc.gov.in for application form and detailed terms & conditions.

Last date for online registration and completion of formalities for the e-Reverse auction shall be upto 5.00 pm of 08.06.2019. The duly filled in application form should be submitted to The Membership Department, NCDEX e-Markets Ltd., 101&101T, First Floor, Akruti Corporate Park, LBS Marg, Kanjurmarg (West), Mumbai-400079, Tel:9642332994, 9962059599, 022-66473153 / 54, Email : askus@neml.in

The Tentative date of online e-auction through NeML e-Reverse Auction Platform would be on 07.06.2019. The details are available in the RFP on the website www.apscsc.gov.in and www.neml.in

Sd/-VC & MANAGING DIRECTOR

PSPCL Punjab State Power Corporation Limited

Regd. Office : PSEB Head Office, The Mall, Patiala-147001)
Corporate Identity Number U40109PB2010SGC033813
Website : www.pspcl.in

(O/o CE/TS, B-1, Shakti Vihar, Patiala)

OPEN e-tender Notice

Online Tenders are invited for the supply of the following material as per Tender Specification No. 183/2019 of PSPCL :-

Manufacturing, Testing and supply of Battery Charger of following ratings	Qty. (Nos.)	Enquiry No./Year	Last date & time for downloading of tender.
220V-200AH	4	183/2019	01.07.2019 11.00 AM -
220V-100AH	40		
24V-100AH	15		
Last Date & Time for Bid Submission		02.07.2019, 11.00 AM	
Date & time of opening of Bids		02.07.2019, 11.30 AM	

EMD 1,34,000/-

Minimum EMD 33,500/-

Detailed NIT and Specification may be down-loaded from PSPCL e-tendering website <https://pspcl.abcpocure.com>.

Contact detail of E-tendering agency in case of difficulty; please contact Mr. Mohit Sharma +91-9904406200.

It is informed that in case tender process is not completed due to any reason, No CORRIGENDUM will be published in newspapers. Details regarding corrigendum may be seen on PSPCL website www.pspcl.in and www.pspcl.abcpocure.com

257/C200-19 May 29, 2019
DPR/Pb:C-5493

SE/Sub-Station Design
PSPCL, Patiala.

PSPCL Punjab State Power Corporation Limited

(Regd. Office : PSEB Head Office, The Mall Patiala-147001.)
Corporate Identity Number U40109PB2010SGC033813
Website : www.pspcl.in

Tender Enquiry No. 250 dt. 27.05.219

Short description : Manufacturing, Testing, Supply, Delivery and commissioning of Submersible Pump Sets for Dewatering and Drainage System of UBDC Stage II Power Houses along with Dismantlement of existing Old VT Pumps.

Start date for downloading of Specification : 03.06.2019.

Date and time upto which tender can be downloaded : 01.07.2019 (11:00 AM)

Date and time upto which tender shall be received : 02.07.2019 (11:00 AM)

Date and time of opening of tender : 02.07.2019 (11:30 AM)

EMD : @ 2% of Tender Value rounded off to a multiple of Rs. 10/- on the higher side subject to a min. of Rs. 10,000/- and a max. of Rs. 20 Lac.

It is informed that in case tender process is not completed due to any reason, no corrigendum will be published in newspapers. Details regarding corrigendum may be seen on official PSPCL e-tendering website. <https://pspcl.abcpocure.com>.

Tender Specification along with detailed terms and conditions can only be downloaded from Web-site: <https://pspcl.abcpocure.com>. Details regarding e-tendering is available on Website: www.pspcl.in.

All the prospective bidders are requested to get their digital signatures, register themselves on the Website: <https://pspcl.abcpocure.com> and get conversant with the process of on-line submission of tenders well in time so as to submit the tender by the due deadline. No request for extension in the date of tender opening on the above grounds shall be

Director,
President

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जी. याचवेळी
गूकदारांकडून
गुरू झाल्याचा
आला बसला,
यक्त केले.

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वर किरकोळ
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मुळे देशांतर्गत
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केला होता.

णे

१९ मधील
१ पैकिजची
०५/२०१९

रुपयात सुरू असलेला
घसरण बुधवारी सलग दुसऱ्या
सत्रात कायम राहिली. रुपया आज
१४ पैशांची घसरण होऊन ६९.८३
या पातळीवर बंद झाला. सलग दोन
सत्रांत रुपयात ३२ पैशांची घसरण
झाली आहे.

परकी निधीचा बाहेर चाललेल्या
ओघ आणि शेअर बाजारातील
घसरण याचा फटका आज रुपयाला

अशी माहिती चलन बाजारातील
विश्लेषकांनी दिली. खनिज तेलाचा
भाव आज जागतिक पातळीवर २.२८
टक्क्यांची घसरण होऊन प्रतिबॅरल
६८.५१ डॉलरवर आला. जागतिक
मार्केटवर डॉलर आणि येन वधारले.
चलन बाजारात रुपया आज डॉलरच्या
तुलनेत १४ पैशांची घसरण होऊन
६९.८३ या पातळीवर बंद झाला.

Date: 30.05.2019
Sakal newspaper

जाहीर नोटीस

महाराष्ट्र शासनाच्या (SEIAA) पर्यावरण विभागाने सर्वे.नं. ६५/१, ६५/२ आणि ६५/३, खराडी, जिल्हा पुणे ४११०१४ येथील माहिती तंत्रज्ञान संकुल प्रकल्पाला दिनांक २८ मे २०१९ रोजी पत्र क्रं SEIAA-EC-0000001563 अन्वये पर्यावरणाच्या दृष्टिकोनातून मान्यता दिली आहे.

सदर मान्यता पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या कार्यालयामध्ये तसेच पर्यावरण विभाग, महाराष्ट्र शासन यांच्या <http://ec.maharashtra.gov.in> या संकेतस्थळावर उपलब्ध आहे.

के. आर. सी. इनफ्रास्ट्रक्चर अँड प्रॉजेक्ट्स प्रा. लि.

सर्वे.नं. ६५/१, ६५/२ आणि ६५/३, खराडी, जिल्हा-पुणे, ४११०१४


महापारेषण
महाराष्ट्र शासनाच्या विद्युत वित्त विभागाच्या अखत्यारीत

वीज बंद निवेदन

महापारेषण कंपनीद्वारे कळविण्यात येत आहे की, १०० केव्ही लोणावळा उपकेंद्रातून दि. ३०.०५.२०१९ (गुरुवार) रोजी २२ केव्ही बस आऊटेटज याचे अत्यंत महत्वाचे तांत्रिक देखभालीचे काम करणेत येणार असून त्यामुळे १०० केव्ही लोणावळा उपकेंद्रातून - २२ केव्ही न्यु खंडाळा, आय एन एस, खंडाळा, काला, कुरवडे, न्यु सिटी, सिटी, क्रिसलॉन, सिंहगड, धनलक्ष्मी, एल अँड टी इ. भागांना करणेत येणारा वीज पुरवठा सकाळी ०९.०० ते दुपारी १३.०० पर्यंत बंद राहणार आहे.

वीज बंद होण्याची माहिती देण्यात येत आहे. कृपया या दिवशी वीज बंद होण्याची माहिती घ्यावी.