

COMPLIANCE REPORT

TO THE CONDITIONS OF
ENVIRONMENTAL CLEARANCE AS PART OF DEVELOPMENT BY THE CO-DEVELOPER
@ **SMARTCITY (KOCHI) INFRASTRUCTURE PVT. LTD.**

April 2022 To September 2022

Environmental Clearance No: SIA/KL/MIS/51114/2018 dated 08th October 2022

Introduction

M/s SmartCity is an IT/ITES project situated at Kakkanad and Puthencruz Village, Kanayannur Taluk, Ernakulam district, Kerala. The construction project was accorded Environmental Clearance for **3798799 sq.mtr** of build up area on 08-10-2021 vide proposal No. **SIA/KL/MIS/51114/2018 File No. 1191(A)/EC2/2018/SEIAA** by State Environment Impact Assessment Authority, Kerala.

The half yearly compliance report needs to be submitted as part of general condition No.14 of Environmental Clearance order by the project proponent. The compliance report to conditions of the Environmental Clearance for the period of **April 2022 – September 2022** (First half) is being submitted.

There are 8 co-developers in the project site. The name and status of construction of co developers are given below

Sl. No.	Particulars	Details	Name of Co – Developer
1	Total No. of Plots in the campus (Provide a sketch showing the master plan and the plots)	45 nos.	
2	Total Number of plots in which construction completed & commenced operation.	03 Nos.	1. Smart City Infrastructure Pvt. Ltd. 2. MariApps Marine Solutions India Pvt Ltd. 3. S G Academic Establishments Pvt Ltd.
3	Total Number of plots in which construction is in progress		1. Prestige Estates Projects Limited

		05Nos	2. Lulu IT Infrabuild Pvt Ltd. 3. Matt Projects Pvt Ltd. 4. Smartbiz Bay Kochi (P) Ltd 5. Smartbiz Bay Kochi (P) Ltd
4	Total Number of plots in which no construction	37 Nos	

A. General Conditions for Projects

1. **Condition-01:** The proponent should provide notarized affidavit indicating the number and date of Environmental Clearance proceedings that all the conditions stipulated in the EC shall be scrupulously followed.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	A notarized affidavit mentioning proceedings number and date of Environmental Clearance that all the conditions stipulated in the EC shall be scrupulously followed was submitted to SEIAA on 01 st December 2021	Copy of the submission is attached	Annexure – GCP.1.a.

2. **Condition -02:** The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available on the website of SEIAA www.seiaakerala.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Advertisement has given in the two newspapers (one in English newspaper–Times of India dt.25 th November 2021 and one in Malayalam newspaper–Deshabhimani dt. 25 th November 2021) regarding the issuance of Environmental Clearance.	Copy of the advertisement is attached	Annexure – GCP.2.a.

3. Condition -03:The proponent shall send a copy of the clearance letter to the concerned Grama Panchayath/District Panchayath/Municipality/Corporation/Urban Local Body and to the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be uploaded on the website of the company.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	A copy of the EC Order has been furnished at Thrikkakara Municipality Office and Puthencruz panchayath on 24 th & 25 th November 2021 respectively. A copy of the EC Order has been uploaded in the company website www.smartcity-kochi.in	Copy of the acknowledgement and screenshot of the website page is attached	Annexure – GCP.3.a. & 3.b

4. Condition-04:The detail of environmental clearance should be prominently displayed in a metallic board of 3ft x 3ft with green background and yellow letters of Time New Roman font of size not less than 40.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	An image of the board is	Annexure –

Actions Taken	The board has been displayed as per the specification near to the entrance of project site.	attached.	GCP.4.a.
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5. **Condition -05:** Consent to Establish and Consent to Operate from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating activity. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives. Copies of statutory clearance obtained shall be enclosed along with first half yearly compliance report.

Response:

Description	Response	Remarks	Annexure No																								
Status of Compliance	Complied	Copy of the Consent Issued by PCB is attached.	Annexure- GCP.5.a. – 5.h																								
Status of Consent of Establishment	The project proponent has obtained Consent to Establishment and operate (CTE and CTO) form State Pollution Control Board.																										
	<table border="1"> <thead> <tr> <th>Name of Company</th> <th>File No.</th> <th>Nature</th> </tr> </thead> <tbody> <tr> <td>SmartCity Kochi Infrastructure Pvt Ltd.</td> <td>PCB/HO/EKM/ICE/7/2014 dt. 04 – 06 - 2020</td> <td>CTO</td> </tr> <tr> <td>MariApps Marine Solutions India Pvt Ltd.</td> <td>PCB/RO-EKM/ERRO18ERR238252/2020 dt. 24 – 11 - 2020</td> <td>CTO</td> </tr> <tr> <td>S G Academic Establishments Pvt Ltd.</td> <td>PCB/HO/EE1/EKM-2/ICE/15/17 dt. 02 – 06 - 2022</td> <td>CTP</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Prestige Estates Projects Limited</td> <td>PCB/HO/EE2/EKM-1/ICE/41/2016 dt. 28 – 1 - 2016</td> <td>CTE</td> </tr> <tr> <td>Lulu IT Infrabuild Pvt Ltd.</td> <td>PCB/HO/AE2/EKM/ICE/20/2016 dt. 23 – 07 - 2019</td> <td></td> </tr> <tr> <td>Matt Projects Pvt</td> <td>PCB/HO/EKM-</td> <td>CTE</td> </tr> </tbody> </table>			Name of Company	File No.	Nature	SmartCity Kochi Infrastructure Pvt Ltd.	PCB/HO/EKM/ICE/7/2014 dt. 04 – 06 - 2020	CTO	MariApps Marine Solutions India Pvt Ltd.	PCB/RO-EKM/ERRO18ERR238252/2020 dt. 24 – 11 - 2020	CTO	S G Academic Establishments Pvt Ltd.	PCB/HO/EE1/EKM-2/ICE/15/17 dt. 02 – 06 - 2022	CTP				Prestige Estates Projects Limited	PCB/HO/EE2/EKM-1/ICE/41/2016 dt. 28 – 1 - 2016	CTE	Lulu IT Infrabuild Pvt Ltd.	PCB/HO/AE2/EKM/ICE/20/2016 dt. 23 – 07 - 2019		Matt Projects Pvt	PCB/HO/EKM-	CTE
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	Ltd.	1/ICE/O15ERR2197499/3/2019 dt.03/03/2020		
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6. **Condition -06:** If blasting is involved in the preparation of site, the required clearances from the competent authorities should be obtained

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted to be complied	Necessary approval will be taken in case of blasting	
Actions Taken	No blasting has been done as on date. Since it is construction site without hard rock no blasting is required in the project site		

7. **Condition -07:** The stipulations/conditions issued by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, Solid Waste Management Rules, 2016 Plastic Waste Management and Handling Rules, 2016, Construction and Demolition Waste Management Rules 2016, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	The Environment Protection Act, 1986 The Water (Prevention and Control of Pollution) Act, 1974 The Air (Prevention and Control of Pollution) Act, 1981	
Actions Taken	The stipulated orders and directions under different act and notification including EIA notification are being scrupulously followed.		

		<p>The Solid Waste Management Rules, 2016</p> <p>The Construction and Demolition Waste Management Rules, 2016</p> <p>The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016</p>	
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8. **Condition -08:** The conditions specified in the EIA notifications 2006 and subsequent amendments, the specific directions given by SEIAA/SEAC should be followed under corporate Environment Responsibility. The activities carried out under CER should be listed with details in Half yearly compliance report along with Status of Implementation and certificates from the beneficiaries and photographs.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Being Complied		
Actions Taken	<p>Infrastructure for Water Metro – Land to an extent of 3.33 Acres has been allocated to KMRL as per the requirement at subsidize land price for creation of boat jetty and related infrastructure. Confirmation awaited from KMRL toward the same. Cost Impact to SCK due to reduced land premium- INR.36,00,000.00</p> <p>1. Contribution to Rebuild Kerala/ similar initiative by GoK – Support to Rebuild Kerala. Amount spent INR. 14,00,000.00</p>		
Amount	INR.50,00,000.00		Annexure -

			GCP.6.a.
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9. **Condition -09:** Safety measures should be implemented as per the Fire and Safety Regulations/SDMA guidelines.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	All developments are being undertaken as per the guideline and with the approvals applicable in case to case. All co developers has got NoC from Department of fire and rescue services.		

10. **Condition -10:** The environmental safeguards contained in the EIA Report should be implemented in letter and spirit and status of implementation of each one should be included in the half yearly compliance Report.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Copy of the half yearly compliance reports are available in the website of Smart City of www.smartcity-kochi.in downloads page. All safeguards mentioned in the EMP is being implemented in its letter and spirit. To monitor this an EMC has been constituted.		

11. **Condition -11:** Environment Monitoring Committee as agreed under the affidavit filed by the proponent should be formed and made functional. Environmental Monitoring Committee with defined functions and responsibility should foresee post operational environmental problems (E.g., development of slums near the site, increase in traffic congestion, power failure, increase in noise level, natural calamities, and increase in suspended particulate matter etc.) and action taken to solve these immediately with mitigation measures

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Other member of committee as follows	Annexure -
Actions Taken	The project proponent has formed an Environmental Monitoring Committee with Mrs. Sini P.S - Sr.Director – Development & Asset Operations as head of the committee. The meeting of committee is convened regularly.	<ul style="list-style-type: none"> • Ranjithlal KL - Assis Director-Asset Infrastructure @SCK. • Emmanuel Thomas Deputy Manager Project SCK • M/s. Environmental Engineering Consultant (EIA consultant of SCK) • M/s. Standards Environmental & Analytical Laboratories (Lab facilitator of SCK) • M/s. Lulu IT (Co-Developer of SCK). • M/s. Prestige (Co-Developer of SCK). • M/s. Marrat (Co-Developer of SCK). • M/s. SG Academics (Co-Developer of SCK). • M/s. MariAapps Marine Solutions (Co-Developer of SCK). • Smartbiz Bay Kochi (Co-Developer of 	GCP.7.a.

		SCK).	
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12. **Condition -12:** Suitable Avenue trees should be planted on either side of approach road and internal roads and open parking areas, if any. The proponent should plant trees at least 5 times of the loss of trees that has occurred while clearing the land for the project. The native flowering and fruiting species only shall be used for planting and planning should be done considering the nature of public use.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	The number of trees uprooted in the project site was minimal since it was underutilised cultivated land. The project proponent has started to plant various saplings in the project site as compensation of loss of trees due to the construction of the project and green belt. The list and images of trees planted are attached as part of the report	The name and number of planted floral species and photographs is attached	Annexure - GCP.8.a & 8.b.

13. **Condition -13:** The project shall incorporate devices for solar energy generation and utilization to the maximum possible extent with the possibility of contributing the same to the power grid and consumption in future.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	As part of promotion of renewable energy, the project proponent has installed solar panels and devises in the project site. The details are given below <ul style="list-style-type: none"> Solar Plant of capacity 564 kWP commissioned for own building (SCK 01 building) Solar Plant having a capacity of 63 kWP commissioned by the Co-developer who completed the 1st and 2nd phase (SG Academics). Solar Plant having a capacity of 90 kWP commissioned by the 	Images of the completed facility is attached	Annexure - GCP.9.a.

	Co-developer M/s. MariApps. <ul style="list-style-type: none"> The generation of energy from solar panel is part of the guideline of SCK to its Co-Developer. All Co-Developers whose constructions are under progress also will be complying the same. 		
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14. **Condition -14:** The proponent shall submit half yearly compliance report 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) and upload the same on the website and shall update the same periodically. The compliance report shall be simultaneously sent to the Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India at Bengaluru and to SEIAA.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Copy of monitored data is attached	Annexure - GCP.10.a -10.d
Actions Taken	Copy of the half yearly compliance reports are available in the website of SmartCity of www.smartcity-kochi.in downloads page. The project proponent is being submitted the compliance report to the integrated Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India at Bengaluru and to SEIAA as e-mail.		

15. **Condition -15:** The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time. Provision should be made for providing cooking facilities and supply of kerosene or cooking gas to the labourers.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Images of the Labour Camp attached.	Annexure GCP.11.a.
Actions Taken	Labour campus are provided by the SCK and each Co-Developers with adequate facilities, outside the SCK premises, being an SEZ. All the applicable provisions in the labours Laws		

	are being implemented and noted to be implemented in the project site.		
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16. **Condition -16:** The proponent shall co-operate with and provide facilities and documents/data to the Agencies including the Officials from the Regional office of Ministry of Environment, Forests and Climate Change, Bengaluru during their inspection as part of monitoring the implementation of environmental safeguards.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	A Certified Compliance Report was issued by MoEF & CC after inspection of site	12.a
Actions Taken	As part of expansion of instant project, an official from the Regional office of Ministry of Environment, Forests and Climate Change, Bengaluru had come and inspected the site. The Regional office issued a Certified Compliance Report. All support and facilities were provided at that time. The project proponent can extant such support to officials of MoEF & CC in future.		

17. **Condition -17:** In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted to be complied.	No changes in the scope as on date.	
Actions Taken	The P A will be complied as per the requirement.		

18. **Condition -18:** In case of transfer of EC, the matter shall be intimated and approval from the Authority shall be obtained as per the existing norms.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted	No plan for transfer of EC as on date.	
Actions Taken	The P A will be intimated as per the condition stipulated		

19. **Condition -19:** Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted	Judgment of Hon'ble Supreme Court of India in connection with the project will be abide.	
Actions Taken	The P A will be taken care off		

20. **Condition -20:** The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the Environment Clearance under the provisions of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted		
Actions Taken	The project proponent is ready to implement additional safeguard measures subsequently if the Authority directs.		

21. **Condition -21:** Any appeal against this Environmental Clearance shall lie with the National Green Tribunal 1, if preferred, within a period of 30 days as prescribed under section 11 of the National Green Tribunal Act, 1997.

Response:

Description	Response	Remarks	Annexure No
Status of	Noted	No such appeal filed at NGT	

Compliance		against Environmental Clearance issued to the Smart City project.	
Actions Taken	Not Applicable		

B. General Conditions Specific to Construction Phase

1. **Condition -01:** All statutory permissions including “consent of Establishment” to STP/ETP, Solid waste management plant, Power generator shall be obtained from Kerala State Pollution Control Board under Air Act, Water Act and Environment (protection) Act. A copy shall be submitted to the ministry / SEIAA before start of any construction work at site.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Copy of the Consent Issued by PCB is attached.	
Actions Taken	The project proponent has obtained consent from pollution control board. The details of consent issued is mentioned under General condition number 5.		

2. **Condition -02:** The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of firefighting, equipment’s, etc. as per National Building Code including protection measures from lightning etc. Building constructed in the runout area of landslide / rock fall area, shall be provided with suitable structures/ measures to prevent earth materials to hit the structure.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	The structural stability certificate is attached.	Annexure - GCSC.1.a. (copy of the certificates is attached)
	The project proponent has obtained structural safety certificate issued by a structural engineer. All plot owners who completed the work and construction under progress has been obtained structural stability certificate from structural engineer.		

3. **Condition -03:**All required sanitary and hygienic measures should be in place before starting construction activities which are to be maintained throughout the construction phase.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<p>The project proponent has been providing adequate facilities to the labours. The details are provided below</p> <ul style="list-style-type: none"> • Adequate water provided. • Portable toilets are provided. • Hand washing station, Shower room and changing rooms are provided. • Rest areas provided. • Sanitization facilities are provided. 	Images attached	Annexure GCSC.2.a. -

4. **Condition -04:**A First Aid Room shall be provided at the project site both during construction and operation phases of the project.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	First Aid room and Ambulance are provided in each construction site. First Aid Facility is available in the operational buildings also.	Images attached	Annexure GCSC.3.a. -

5. **Condition -05:** Provide safe and healthy basic facilities for construction workers as per the Building & Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<p>The following facilities are made available in each construction site.</p> <ul style="list-style-type: none"> • Constant supply and accessibility of safe drinking water • Changing rooms • Living Accommodations/Shelter • Sanitary and toilet facilities • Washing facilities • Cooking facility • Facilities for Rest • Arrangement of first aid in case of any emergency medical situation 	Images attached	Annexure - GCSC.4.a.

6. **Condition -06:** Adequate drinking water and sanitary facilities should be provided for construction workers at the site, Provision should be made for mobile toilets. Safe disposal of wastewater and solid wastes generated including piling debris during the construction phase should be ensured.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<ul style="list-style-type: none"> • Adequate water provided. • Portable toilets are provided. • Hand washing station, Shower room and changing rooms are provided. • Rest areas provided. 	Images attached	Annexure - GCSC.5.a.

	<ul style="list-style-type: none"> • Sanitization facilities are provided. • Waste materials are being cleared through approved agencies. • The generated sewage are disposed at septic tank associated with temporary toilets followed by soak pit. • All waste materials are being handled and managed in tune with the various rules enacted in the year 2016. 		
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7. **Condition -07:** Unless provided otherwise, all the topsoil excavated during construction phase should be stored and re-used for backfilling/ horticulture/landscaping purposes within the project site

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Images attached	Annexure - GCSC.6.a.
Actions Taken	Topsoil generated during cutting of earth for construction of foundation is preserved at earmarked locations and used for landscape works		

8. **Condition -08:** Topsoil excavated should not be used for reclaiming wetland.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Images attached	Annexure - GCSC.7.a.
Actions Taken	Topsoil is preserved at earmarked locations and used for landscape works. No topsoil excavated from project site went out side for any purpose.		

9. **Condition -09:**The muck shall be disposed of only at approved sites with the approval of competent authority. The disposal should not create any adverse effect on the neighbouring communities and should be disposed taking necessary precautions for general safety and health of the public. Proof regarding the same shall be enclosed with the respective monthly compliance reports.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	The generated muck disposed without creating any adverse effect on the neighbouring communities.		

10. **Condition -10:**Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water resources and the dump sites for such materials must be secured so that they will not leach into the ground water

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<p>The following arrangements are made available in each construction site. The provisions of rules enacted in 2016 for building construction waste and hazardous waste is being implemented.</p> <ul style="list-style-type: none"> • Chemicals/ fuels are kept at designated areas and the floor drains are not connected to storm water drain. • Disposal of such waste are being done through PCB approved agencies. • properly use and maintain on-site septic systems • plug and cover waste dumpsters 	Images attached	Annexure GCSC.8.a.

11. **Condition -11:** Any hazardous waste generated during construction phase should be disposed off through authorised/approved Waste collectors as per applicable rules and norms with necessary approval of the Kerala State Pollution Control Board.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Disposal of hazardous waste are being done through PCB approved vendors. The project proponent has earmarked an area to collect and keep the hazardous waste.	Form -10 is attached	Annexure GCSC.9.a. -

12. **Condition -12:** Soil and ground water samples shall be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Latest Reports are attached	Annexure -
Actions Taken	Air, Water, Noise and Stack emission are being tested in every six months through PCB approved agencies.		GCP.10.a to d.

13. **Condition -13:** Storm water control and its re-use measures as per CGWB and BIS standards shall be followed for various applications.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	The rain water is being collected in the construction phase and used for the construction phase. <ul style="list-style-type: none"> Rainwater Harvesting Tanks are constructed for each building as per KMBR guidelines. 		

	<ul style="list-style-type: none"> • Rainwater is used for landscaping and flushing purpose. • 3 number of pond (one pond for each land parcel, total capacity of 100 ML) is envisaged in the master plan for ground water recharge and reuse of water. 		
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14. **Condition -14:** 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 the applicable air and noise emission standards and should be operated only during non-peak hours. During the transportation of building materials/products, the vehicles shall be covered with suitable materials to prevent dust pollution.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	PUC of vehicle is attached	Annexure - GCSC.10.a.10.b
Actions Taken	The vehicles engaged for construction only after verification of documents including RC, insurances and pollution certificate etc. as applicable and the materials are being transported with proper covering.		

15. **Condition -15:** Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/KSPCB

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Latest Test Results are attached.	Annexure - GCP.10.b.
Actions Taken	Ambient noise levels are being checked in every six months through PCB approved agencies. The levels are noticed within the limit.		

16. **Condition -16:** The diesel generator sets used during construction phase should be of low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards. The diesel required for operating DG sets shall be stored in

underground tanks and if required, clearance from Chief Controller of Explosives shall be taken. DG sets shall be installed and made functional as per guidelines of KSPCB.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Low sulphur diesel is being used as fuel with necessary approvals applicable. DG sets are installed and made functional as guidelines of KSPCB. The diesel required for operating DG sets keeping asper rules.	Photograph of DG sets	Annexure GCSC.11.a. -

17. Condition -17: Ready mixed concrete must be used in building construction. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<ul style="list-style-type: none"> Ready mixed concrete is being used for construction works. Admixtures are using for reducing the water content & better workability of concrete. Curing compound is using to reduce the water consumption. 	Photograph of plant is attached	Annexure GCSC.12.a. -

18. Condition -18: Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.

Response:

Description	Response	Remarks	Annexure No
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Status of Compliance	Noted		
Actions Taken	Ground Water is not drawing at present.		

19. **Condition -19:** Separate dual plumbing line should be provided; one line for Toilet Flushing/ Gardening / Vehicle wash and another separate line for other domestic uses, for ensuring reuse / recycle of treated wastewater to the maximum extent possible

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Image is attached.	Annexure - GCSC.13.a.
Actions Taken	As part of water conservation and for recycling of used water, dual plumbing lines are considered for all building which are completed/ under construction.		

20. **Condition -20:** Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Dual plumbing lines are considered for all building which are completed/ under construction		

21. **Condition -21:** Fixtures for showers, toilet flushing, and drinking should be of low flow either by use of aerators or pressure reducing device or sensor-based controls.

Response:

Description	Response	Remarks	Annexure No

Status of Compliance	Complied	Image is attached.	Annexure GCSC.14.a.	-
Actions Taken	As part of water efficiency fixtures in the project, Tap aerators and urinal sensors are provided.			

22. **Condition -22:** Water efficient plumbing features should be adopted

Response:

Description	Response	Remarks	Annexure No	
Status of Compliance	Complied	Image is attached	Annexure GCSC.15.a.	-
Actions Taken	To conserve water and reduce the water consumption many measures are being adopted some of are follows <ul style="list-style-type: none"> • Water efficient plumbing fixtures has been used. • Urinal sensors are provided • Aerators are provided in all the taps. • Dual plumbing lines are provided 			

23. **Condition -23:** Use of glass may be reduced by 40% to reduce the electricity consumption and load on air conditioning . If necessary, use high quality double glass with special reflective coating on windows.

Response:

Description	Response	Remarks	Annexure No	
Status of Compliance	Complied	Image is attached	Annexure GCSC.16.a.	-
Actions Taken	Block work and DGU is used in building elevation. The glasses used are high quality double glass with special reflective coating on windows			

24. **Condition -24:** Design of the building should be in compliance to Energy Building Code as applicable

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<p>The project proponent has incorporated the provisions and guidelines in the instant construction at project site.</p> <ul style="list-style-type: none"> ➤ Energy <ul style="list-style-type: none"> • Solar Installations in Roof Top & Bike Parking of 564KWP with MPPT Inverter • Natural Ventilation in common lobby & Basement Parking ➤ Water <ul style="list-style-type: none"> • Rainwater harvesting through the 400 KL UG Sump • Treated water utilization • Aerator Installation in all faucets ➤ Environment & Waste Management <ul style="list-style-type: none"> • ODS restriction • Ban of Single-Use plastics • Digital Advertising Platforms • Organic Waste Composting • Roof Top Gardening 	Image is attached as GCP 9.a	

25. **Condition -25:** Roof should meet perspective requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil the requirement.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Under deck insulation has been provided for roof slab. The terrace areas are covered with solar panels. This measure can reduce the heat inside the building.		

26. **Condition -26:** Opaque wall should meet perspective requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is optional for non-- airconditioned spaces by use of appropriate thermal insulation material to fulfil requirement

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Concrete and Aerocon blocks are used for partition. The project proponent used appropriate thermal insulation materials to reduce heat. To conserve energy, the project proponent has adopted relevant guidelines of ECBC.		

27. **Condition -27:** Climate responsive design as per Green Building Guidelines in practice should be adopted

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<p>The below listed activities are few sustainable design consideration adopted by SCK and its Co-Developers.</p> <ul style="list-style-type: none"> • Natural ventilation at carpark • Rainwater harvesting • Low pitch roof efficiently drains/harvest stormwater. • Promoting natural ventilation and daylight. • Massing oriented exploit daylight and reduce solar gain. • Covered carpark reduces heat island effect. • Views and access to outdoors. • DGU façade. • Green Energy Generation etc. 		

28. **Condition -28:** Building design should cater to the differently- abled citizens

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<p>The building design has considered the differently abled citizens and the main features are provided below.</p> <ul style="list-style-type: none"> • Ramps are provided as per the design standard. • Dedicated toilet facilities are provided as per the norms. • Dedicated parking facilities are provided. • Wheelchairs and crutches are provided. 		

29. Condition -29: Vegetation should be adopted appropriately on the ground as well as over built structure such as roofs, basements, podiums etc.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Dedicated areas have been considered in the masterplan for vegetation. Further vegetation has been considered in the open areas and terrace of the building	A master plan indicating the green area allocation and images of the greenery in the open areas of buildings are attached.	Annexure - GCSC.17.a.

30. Condition -30: Exposed roof area and covered parking should be covered with material having high solar reflective index

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	As part of promotion of renewable energy the project proponent has been using roof areas for generation of solar energy. The details are provided below		

	<ul style="list-style-type: none"> • Solar Panel are installed in the roof top of building and covered parking. • Rooftop sunshades are provided. • Roof top gardens are provided 		
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31. **Condition -31:** Regular supervision of the above and other measures should be in place all throughout the construction phase, to avoid disturbance to the surroundings.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	SCK have a design guideline to address the points and regular inspections is being carried out to ensure the same. The Environment Monitoring Cell has been formed and the committee is supervising the construction site.		

32. **Condition -32:** Fly ash should be used as building material in construction as per the provisions of Fly Ash Notification of September 1999 and Amended as on 27thAugust 2003. (Applicable to Power Stations).

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Minerals Admixtures (Fly ash/ GGBS) are used in concrete. Even though the condition is not applicable to the instant project.		

33. **Condition -33:** 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 the statutory clearances.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Constructions are commenced only after obtaining statutory clearances.		

C. General Conditions Specific to Operation Phase

1. **Condition -01:** The buildings should have adequate distance between them to allow movement of fresh air and passage of natural light and ventilation

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Setbacks are provided as per KMBR regulations. The distance provided is adequate to allow movement of fresh air and passage of natural light and ventilation.		

2. **Condition -02:** Sewage Treatment Plant (STP) should be installed and made functional as per KSPCB guidelines. On/site Treatment of Sewage and Sullage should be done with scientific method, ensuring efficiency of treatment, ease in operation, sustainability and it should contain the units of primary, secondary, tertiary and quaternary type of treatment scheme. The installation of the STP should be certified by an independent expert and a report in this regard should be submitted to the Ministry/SEIAA before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100% grey water shall be done through a decentralized treatment. Reuse of water shall be practiced for flushing process and garden purposes. Discharge of unused treated effluent shall conform to the norms and standards of the Kerala State Pollution Control Board. Necessary measures should be taken to mitigate the odour problem from STP.

Response:

Description	Response	Remarks	Annexure No
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Status of Compliance	Complied		
Actions Taken	Each building in the campus has independent STP of SBR/MBR type. The STPs are operated only with the consent of PCB and through specialist agencies. The campus have zero discharge concept and hence the treated water is being used for landscape, cooling tower and flushing within individual plots.	Image of STP is STP	Annexure GCSO.1.a. -

3. **Condition -03:** Solid waste management plant shall be installed and made functional as per the guidelines of KSPCB. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material. Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Independent OWC's are provided in each building and single use plastics are banned in the building premise. For collection of various type of waste generated from the project site, colour coded bins are provided in each project site. The mitigation measures to prevent odour problem from STP and OWC are being implemented.	Images of the OWC's are attached	Annexure GCSO.2.a. -

4. **Condition -04:** Provide adequate Material Collection Facility (MCF) for storage of non-biodegradable waste including plastic waste and E waste, for handing over the same to Recyclers/ Local Body, as stipulated by Kerala State Pollution Control Board.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Materials are collected in designated areas and disposed through PCB authorized agencies and local vendors for	Image of the storage facility for waste	Annexure GCSO.3.a -

	recycling and disposal.		
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5. **Condition -05:** 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.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Stack of DG is attached	Annexure - GCSO.4.a.
Actions Taken	All DG sets are confirmed to the standards and PCB approval in place. The height of the stacks are arranged as per the requirement of KSPCB		

6. **Condition -06:** Low sulphur diesel shall be used as fuel in DG sets. The location of the DG sets may be decided in consultation with Kerala State pollution Control Board. DG sets should not be housed in sub-basement levels.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Low sulphur diesel is used as fuel. DGs are operated with consent of PCB. DG sets are placed general ground level in the project site.		

7. **Condition -07:** Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time, the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	DGs are installed in acoustic enclosure. Noise control measures are taken at sources level. Since all are IT based firm the noise level will not go beyond the limit.		

8. **Condition -08:** The green belt of adequate width and density shall be raised preferably with local species along the periphery of the project site so as to provide protection against particulate matter and noise.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Adequate greenery is maintained along the periphery of the project site. The PP is intending to plant more local species in the project site.		

9. **Condition -09:** Weep holes shall be provided in the compound walls to ensure natural drainage of rainwater during the monsoon period.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Necessary provisions are made to ensure drainage at applicable location. Weep holes are provided in the compound walls at needed locations.		

10. **Condition -10:** Rainwater Harvesting structures should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified elsewhere. Rain water harvesting measures for roof run-off and surface run-off, as per approved building plan should be implemented.

Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil, and grease. The borewell for rainwater recharging should be kept at least 5 m above the highest ground water table.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	RWH tanks are provided for each building as per the provisions of KMBR/KPBR for collection rain water from roof top. Since the ground water table is high in this region ground water recharge is not suitable for the project area.		

11. Condition -11: The ground water level and its quality should be monitored regularly in consultation with State Groundwater Department/Central Ground Water Authority.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	The ground water level is being monitored around the project site. The quality of water is being monitored by an approved laboratory. All parameters of water are well within the limit.		

12. Condition -12: Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. Parking should be fully internalized, and no public space should be utilized.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		

Actions Taken	Adequate parking facilities are provided in each building as per the provisions of KMBR/KPBR. No public spaces are utilised for parking.		
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13. **Condition -13:** A Report on the energy conservation measures, conforming to energy conservation norms issued by Bureau of Energy Efficiency, should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months' time.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted		
Actions Taken	The project proponent has used LED type lights in each building buildings are designed to get natural light inside the buildings and in line with energy conservation norms issued by Bureau of Energy Efficiency.		

14. **Condition -14:** Energy conservation measures like installation of LED /CFLs/TFLs for the lighting the areas outside the building should be an integral part of the project design and should be in place before project commissioning. Used LED/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. Solar panels may be used to the extent possible.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<ul style="list-style-type: none"> All light fittings are of LED type and the disposal is being done through approved agencies of PCB. Solar panels are installed in all completed buildings. 		

D. Special Conditions Specific to the Project

1. **Condition -01:** Provide sufficient facilities for treatment of roof top/ rainwater harvested, of 100 ML capacity, stored in the 3 proposed ponds, within the campus, for ensuring recycle / reuse of treated rainwater within the compound, to the maximum extent possible.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied	Copy of the Master Plan is attached	
Actions Taken	Area has been allocated for three ponds for 100ML storage capacity. The same will be made functional as part of the overall development. All recycled water will be reused in the project site.		

2. **Condition -02:** Ensure and insist treatment of sewage generated from individual industrial units, to reuse of the treated water and ensure zero discharge from the compound.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Each building in the campus has independent STP of SBR/MBR type. The STPs are operated only with the consent of PCB and through specialist agencies. The campus has zero discharge concept and hence the treated water is being used for landscape and flushing within individual plots.		

3. **Condition -03:** Provide a general scheme of treatment for sewage, to all industrial units at the time of signing agreement with them, ensuring that a full-fledged sewage treatment system, intended for reuse / recycle of treated water, is established in all units.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	SCK have a guideline and the same is part of the CDA and Lease Deed. All working units are having STP. The projects under construction will have STP in operational phase.		

4. **Condition -04:** Provide a scientific storm water drainage system, covering the whole area and linking it with the proposed ponds, considering the annual rain fall, topography and infiltration rate of the project area.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Construction of storm water drainage covering the whole area and linking it with the ponds has been done where the road works are completed in Land A. The same will be done in other area also as per the Master Plan storm water layout shared with SEIAA. The drainages are constructed as per the topography after analysing the contours. The annual rain fall and surface runoff has been considered in the construction of drainage.		

5. **Condition -05:** Take action for planting of local species of trees in the green belt area open space, compensatory afforestation area, including avenue plantations, as envisaged in the revised EMP.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	A detailed ecological study has been conducted through a		

	specialist agency as recommended by the SEAC committee, wherein the list of local species recommended for this project was submitted to SEIAA. The local species as per the said recommendation will be planted in this project. The project proponent has started to plant various native species in the project site.		
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6. **Condition -06:** Take action for implementing: as part of CER activities, for Restoration of Kadambayar, Beautification of Edachira Canal, providing of Renewable Energy to neighbourhood areas, procurement of land for Anganwadi and Water Metro Station, providing of financial support for study of students in the neighbourhood area, support for Rebuild Kera/ and project for Women Empowerment, at a proposed project cost of Rs 3.075 Crores, as per the revised EMP. The actions shall also be taken for linking it with EMF, in order to ensure monitoring, it in terms of quantifiable, as part of compliance monitoring process.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	1. Infrastructure for Water Metro – Land to an extent of 3.33 Acres has been allocated to KMRL as per the requirement at subsidize land price for creation of boat jetty and related infrastructure. Confirmation awaited from KMRL toward the same. Cost Impact to SCK due to reduced land premium- INR.36,00,000.00 2. Contribution to Rebuild Kerala/ similar initiative by GoK – Support to Rebuild Kerala. Amount spent INR. 14,00,000.00		
Amount	INR.50,00,000.00/-		

7. **Condition -07:** As per OM no F.No.22-65 /2017-IA.III dated 30111 September 2020, under Co-operate Environmental Responsibility (CER) the project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues listed above to address the environmental problems in the project region, indicating both physical and financial

targets year wise. The EMP shall be implemented in consultation with District Collector. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the half yearly compliance report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		-
Actions Taken	A copy of the EC Order including the EMP has been furnished at Thrikkakara Municipality Office and Puthencruz panchayath on 25 th & 24 th November 2021 respectively. A copy of the EC Order has been uploaded in the company website www.smartcity-kochi.in . The PA has been implementing the CER activities around the project area.		Annexure SCSO.07.a.

- Condition -08:** Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project (Circular No.J-11013/41/2006-IA.II(I) of GoI, MoEF dt.22.09.2008).

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Adequate facility has been arranged by each Co-Developers. The Circular issued by MoEF & CC on 22-09-2008 is being followed in connection with facilities for labours.		

E. Green Conditions Specific to the Project

1. Condition -01: Adequate rainwater harvesting facilities shall be arranged for.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<ul style="list-style-type: none"> • Rainwater Harvesting Tanks are constructed for each building as per KMBR guidelines. • Rainwater is used for landscaping and flushing purpose. • 3 number of pond (one pond for each land parcel, total capacity of 100 ML) is envisaged in the master plan for ground water recharge and reuse of water. 		

2. Condition -02: Technology and capacity of the STP to be indicated with discharge point (if any) of with the treated effluent.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Each building in the campus has independent STP of SBR/MBR type. The STPs are operated only with the consent of PCB and through specialist agencies. The campus have zero discharge concept and hence the treated water is being used for landscape, cooling tower and flushing within individual plots.		

3. Condition -03: Effluent water not conforming to specifications shall not be let out to water bodies.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Noted		
Actions Taken	All used and sewage water is directed to STP for treatment. Treated water is being used in the project site. No water is letting out to the water bodies flowing near to the project site.		

4. **Condition -04:** Maximum reuse of grey water for toilet flushing and gardening and construction work shall be ensured.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Each building in the campus has independent STP of SBR/MBR type. The STPs are operated only with the consent of PCB and through specialist agencies. The campus have zero discharge concept and hence the treated water is being used for landscape, cooling tower and flushing within individual plots.		

5. **Condition -05:** Dual plumbing for flushing shall be done.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	Dual plumbing lines are considered for all building which are completed/ under construction		

6. **Condition -06:** Provisions for disposal of e-wastes , solid wastes, non-biodegradables and separate parking facility for the buildings shall be provided.

Response:

Description	Response	Remarks	Annexure No
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Status of Compliance	Complied		
Actions Taken	Materials are collected in designated areas and disposed through PCB authorized agencies. Separate parking area is provided for each building in the project area.		

7. **Condition -07:** Generation of solar energy to be mandatory for own use and/or to be provided to the grid.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		
Actions Taken	<ul style="list-style-type: none"> Solar Plant of capacity 564 kWp commissioned for own building (SCK 01 building) Solar Plant having a capacity of 63 kWp commissioned by the Co-developer who completed the 1st and 2nd phase (SG Academics). Solar Plant having a capacity of 90 kWp commissioned by the Co-developer M/s. MariApps. The generation of energy from solar panel is part of the guideline of SCK to its Co-Developer. <p>All Co-Developers whose constructions are under progress also will comply the same.</p>		

8. **Condition -08:** There shall be no compromise on safety conditions and facilities to be provided by the project proponent, which shall be ensured for occupation, regularization or consent to operate.

Response:

Description	Response	Remarks	Annexure No
Status of Compliance	Complied		

<p>Actions Taken</p>	<p>Approvals are obtained from</p> <ul style="list-style-type: none"> • Single Window Clearance Board (SWCB) • Fire and Rescue NoC. • CEIG • Pollution Control Board • Aviation Clearance (applicable only for Sands Infinity Building) <p>The necessary safety facilities are provided in each building, including fire fighting equipment, First Aid facility and Ambulance facility.</p>		
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CZ 573387

AFFIDAVIT

I, Manoj Nair, Chief Executive Officer., Authorized Signatory of M/s SmartCity (Kochi) Infrastructure Pvt. Ltd, having its correspondence office at SmartCity Pavilion, Brahamapuram P.O., Ernakulam, Kerala – 682303, do hereby affirm and confirm as follows:

1. That, M/s SmartCity (Kochi) Infrastructure Pvt. Ltd. proposes the construction of the expansion of the existing Master Plan Development of an IT/ITES SEZ township project at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village,, Kanayannur Taluk, Sy. Nos. 62/1, 62/2 & others in Puthencruz Village, Kunnathunadu Taluk, Thrikkakara Municipality, Ernakulam District, Kerala.

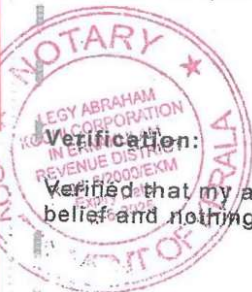
38088 Rs. 100
22/11/2021
23/11/21
SmartCity Kochi Infrastructure Pvt. Ltd.
Kochi
LEGY ABRAHAM
Kochi Corporation
in Ernakulam
Revenue District
Regd. 6/2000/REKM
Expiry Date:
15-6-2025
NOTARY
GOVERNMENT OF KERALA
SmartCity Kochi Infrastructure Pvt. Ltd.
Kochi
DISTRICT STAMP OFFICE
10 NOV 2021
ERNAKULAM
LINU JOSE
SR VENDOR
THRIKKAKARA



കേരളം केरल KERALA

CZ 573388

- That, the Environmental Clearance proceedings number and date are 58/B/2021, Proposal No. SIA/KL/MIS/51114/2018, File No. 1191(A)/EC2/2018/SEIAA dated 08.10.2021.
- That, all the conditions stipulated in the Environment Clearance would be scrupulously followed.



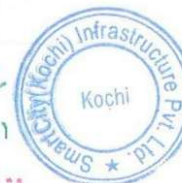
Verification:

Verified that my above statements are true to the best of my knowledge and belief and nothing material has been concealed therein.

Solemnly affirmed and signed before me by the deponent on this 23rd day of Nov 2021 at my office at Ernakulam.



[Signature]
DEPONENT



[Signature]
DEPONENT

Place: Ernakulam

Date: 23rd November 2021

38089
Rs. 100/-
22/11/2021

LEGY ABRAHAM
NOTARY - Regd: 6/2000/EKM
MARKET ROAD NORTH
ERNAKULAM, KOCHI-682 018

SmartCity Kochi Infrastructure

LINU JOSE
S R VENDOR
THRIKKAKARA

[Signature]



Notarised Affidavit

Annexure –GCP.2.a.



Advertisement



Notice – Advertisement in Mews paper

Annexure –GCP.3.a.

ANNEXURE-5.

CIN: U70101KL2006FTC019125
SmartCity (Kochi) Infrastructure Pvt. Ltd.
SmartCity Pavilion,
Brahmapuram P.O., Kochi 682 303,
Kerala, India

Telephone +91 484 668 9800
www.smartcity-kochi.in



SCK/P16-P91/117/2021
23rd November 2021

The Secretary,
Thrikkakara Municipal Corporation,
NGO Quarters - Mavelipuram Rd,
Thrikkakara,
Kakkanad, Kerala 682030

Received
M. K. ...
എൻ.പി.എ. ഓഫീസ് / മേയർ / M. K. ...
മുനിസിപ്പൽ കോർപ്പറേഷൻ / THRIKKAKARA MUNICIPALITY
പിൻ/ Pin-682030/ഫോൺ/PH: 0484-242222, 2193140
മൊബ് / Cell: 8547629066
e-mail: sectkramncpity@gmail.com

Sub:- Post Environmental Clearance – Expansion of the existing Master Plan Development of an IT/ITES SEZ township project of M/s SmartCity (Kochi) Infrastructure Pvt. Ltd. at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village, Kanayannur Taluk, Sy. Nos. 62/1, 62/2 & others in Puthencruz Village, Kunnathunadu Taluk, Thrikkakara Municipality, Ernakulam District, Kerala – Compliance to the Conditions of E.C. – Reg.

Respected Sir,

1. This has reference to the Environmental Clearance issued to the expansion of the existing Master Plan Development of an IT/ITES SEZ township project at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village, Kanayannur Taluk, Sy. Nos. 62/1, 62/2 & others in Puthencruz Village, Kunnathunadu Taluk, Thrikkakara Municipality, Ernakulam, Kerala issued by State Environment Impact Assessment Authority, Kerala vide order No. 58/B/2021, Proposal No. SIA/KL/MIS/51114/2018, File No. 1191(A)/EC2/2018/SEIAA dated 08.10.2021.
2. We hereby submit a self attested copy of the Environmental Clearance Order No. 58/B/2021, Proposal No. SIA/KL/MIS/51114/2018, File No.1191(A)/EC2/2018/SEIAA dated 08.10.2021. This is in compliance to the condition of the Environmental Clearance Order.

Kindly acknowledge the receipt of the same.
Thanking you,
Yours respectfully,
For M/s SmartCity (Kochi) Infrastructure Pvt. Ltd.

Manoj Nair
Chief Executive Officer



Encl: As above

CIN: U70101KL2006FTC019125
SmartCity (Kochi) Infrastructure Pvt. Ltd.
SmartCity Pavilion,
Brahmapuram P.O., Kochi 682 303,
Kerala, India

Telephone +91 484 668 9800
www.smartcity-kochi.in



SCK/P16-P277/118/2021
23rd November 2021

The Secretary,
Vadavucode Puthencruz Panchayath Office
Puthencruz
Ernakulam
Kerala 682 308

Sub:- Post Environmental Clearance – Expansion of the existing Master Plan Development of an IT/ITES SEZ township project of M/s SmartCity (Kochi) Infrastructure Pvt. Ltd. at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village, Kanayannur Taluk, Sy. Nos. 62/1, 62/2 & others in Puthencruz Village, Kunnathunadu Taluk, Thrikkakara Municipality, Ernakulam District, Kerala – Compliance to the Conditions of E.C. – Reg.

Respected Sir,

1. This has reference to the Environmental Clearance issued to the expansion of the existing Master Plan Development of an IT/ITES SEZ township project at Sy. Nos. 640/1, 640/2 & others in Kakkanad Village, Kanayannur Taluk, Sy. Nos. 62/1, 62/2 & others in Puthencruz Village, Kunnathunadu Taluk, Thrikkakara Municipality, Ernakulam, Kerala issued by State Environment Impact Assessment Authority, Kerala vide order No. 58/B/2021, Proposal No. SIA/KL/MIS/51114/2018, File No. 1191(A)/EC2/2018/SEIAA dated 08.10.2021.
2. We hereby submit a self attested copy of the Environmental Clearance Order No. 58/B/2021, Proposal No. SIA/KL/MIS/51114/2018, File No.1191(A)/EC2/2018/SEIAA dated 08.10.2021. This is in compliance to the condition of the Environmental Clearance Order.

Kindly acknowledge the receipt of the same.

Thanking you,
Yours respectfully,
For M/s SmartCity (Kochi) Infrastructure Pvt. Ltd.


Manoj Nair
Chief Executive Officer

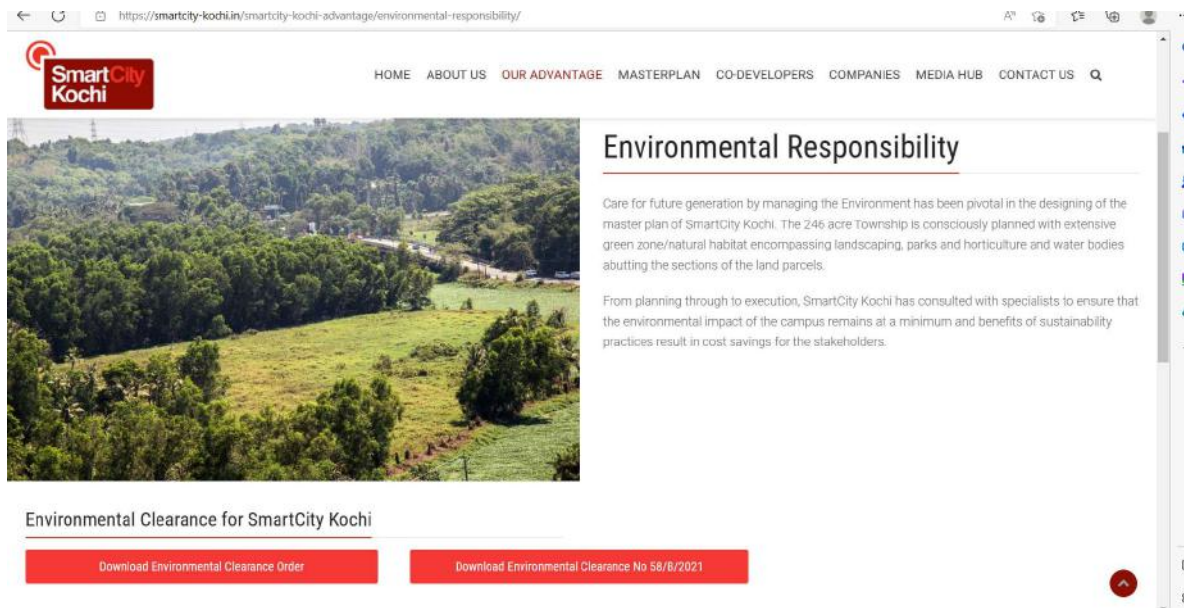
Encl: As above



Received

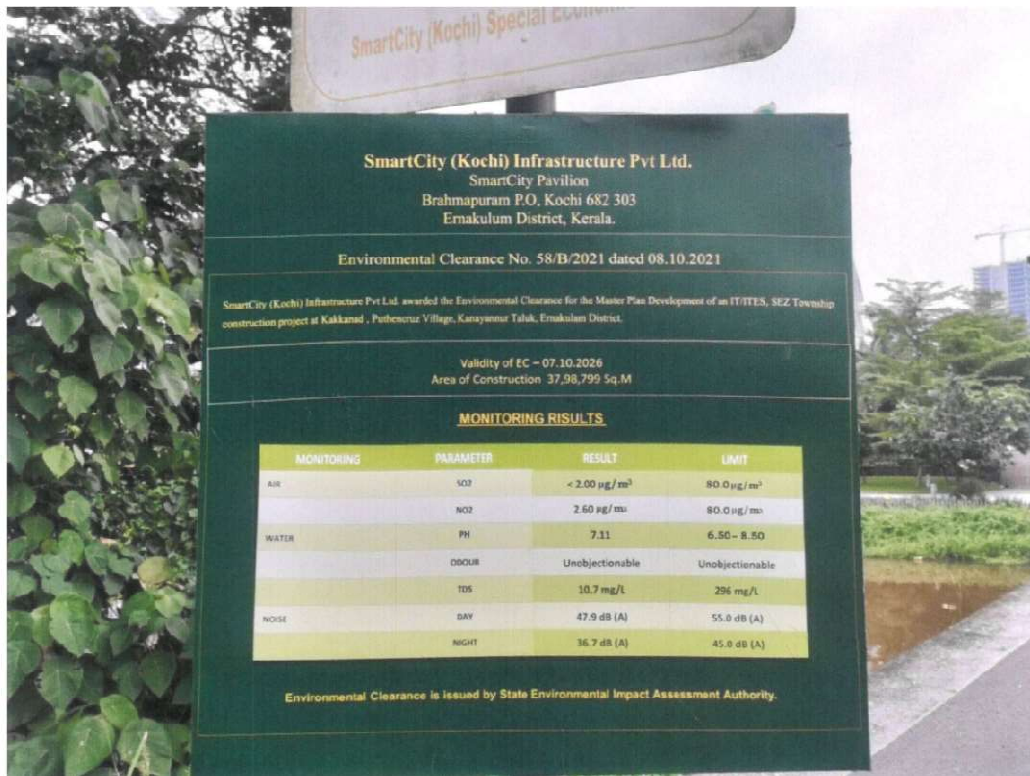


Annexure –GCP.3.b.



Screen shot of Smartcity Webiste

Annexure –GCP.4.a.



EC board

Annexure –GCP.5.a.



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/HO/EKM/ICE/7/2014

Date of issue :04/06/2020

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/HO/EKM-ICO-R/ 12 /2020

VALID UPTO 30/06/2024

Ref :

1. Your application 10445733 dated 31/03/2019.

2.Consent No. PCB/HO/EKM/ICO/27/2016 dated 22/06/2016 valid upto 30/06/2019.

The ' Integrated Consent to Operate' issued as per reference above to M/s SMARTCITY (KOCHI) INFRASTRUCTURE PRIVATE LIMITED, Phase-1, Kakkanad Village, Brahmapuram P.O., Ernakulam is hereby renewed up to 30/06/2024 and issued to M/s SMARTCITY (KOCHI) INFRASTRUCTURE PRIVATE LIMITED, Phase-1, Kakkanad Village, Brahmapuram P.O., Ernakulam The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Annual Fees	Rs. 3, 18, 500/-
2	Fee remitted (including arrear)	Rs. 18, 59, 517/-
3	Date of enquiry	31/05/2019 & 22/01/2020
4	Date of completed application	27/01/2020
5	Category	Red
6	Validity	30/06/2024
7	Capital Investment	12922.38 Rs in Lakhs
8	Survey Nos.	640/1,2pt,4pt,5,641/1pt,

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

No change from previous consent					
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III. CONDITIONS

1. For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months i.e on or before 31/03/2024 prior to the date of expiry. Late application will be accepted only with fine.
2. No change or alteration of the unit/establishment is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier / authorized agent is to be intimated to the Board forthwith.
3. Periodic/Annual Reports shall be submitted through the E-Correspondence in the Boards Online Web Portal.
4. STP shall be maintained properly and operated at all times.
5. Ultrafiltration shall be commissioned on or before 31/08/2020.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

SUDHEER K P Digitally signed by SUDHEER K P
Date: 2020.06.17 10:21:09 +05'30'

DATE :04/06/2020

SIGNATURE & SEAL OF ISSUING AUTHORITY
CHAIRMAN



To
M/s SMARTCITY (KOCHI) INFRASTRUCTURE PRIVATE LIMITED
Phase-1,
Kakkanad Village,
Brahmapuram P.O.
Ernakulam

Annexure –GCP.5.b.

FILE NO : PCB/RO-EKM/ERR/O18ERR238252/2020
Date of issue : 24/11/2020



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974
The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :13592453
Dated:12-08-2020

TO

**M/s OFFICE OF MARIAPPS MARINE SOLUTIONS INDIA (P) LTD , SMART CITY ,
KAKKANADU
MARIAPPS MARINE SOLUTIONS INDIA (P) LTD
3RD FLOOR , B - WING , SMART CITY
INFOPARK ROAD , THENGODE P. O.
KAKKANADU , KOCHI**

Consent No. :O20ERRCTO13592453
Valid Upto :21/11/2025

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	21/11/2025
2	Name and Address of the establishment	OFFICE OF MARIAPPS MARINE SOLUTIONS INDIA (P) LTD , SMART CITY , KAKKANADU MARIAPPS MARINE SOLUTIONS INDIA (P) LTD, 3RD FLOOR , B - WING , SMART CITY , INFOPARK ROAD , THENGODE P. O. , KAKKANADU , KOCHI 682030
3	Communication	Telephone :0484-4047711 Fax :- E-mail:thomas.john@mariapps.com
4	Occupier Details	THOMAS K. JOHN (DIRECTOR OF DEVELOPEMENT & OPERATIONS),KIZHAKKEMULACKEL HOUSE , SNRA - 216 , AININADA ROAD , MARADU , ERNAKULAM
5	Local Body	KAKKANADU
6	Survey Number	650, 653,654
7	Village	KAKKANADU
8	Taluk	KANAYANNUR
9	District	ERNAKULAM I
10	Capital Investment(Rs in Lakhs)	Rs 3927 Lakh
11	Scale	Large
12	Category	ORANGE
13	Annual fee(Rs)	Rs 1,52,810 /-
	Total Fee remitted(Rs)	Rs 3,05,620 /-
14	Activity	IT Building having B+G+7 floors with built up area of 16872 sq.m

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 Sewage Treatment Plant(STP) consisting of treatment units having adequate capacity shall be functional/ arrangement for sewage treatment shall be provided, as per the Integrated Consent to Establish, at all times during the operation of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption: 65000 litre/day
- 2.3 Effluent generation: 52000 litre/day
- 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

Sl.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent
1	pH	-	6.5-8.5	-

Annexure –GCP.5.c.



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/HO/EE1/EKM-2/ICE/15/2017

Date of issue :02/06/2022

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/HO/EKM-II/ICO-R/08/2022 Valid upto 31.08.2023

Ref : Consent No. PCB/HO/EKM-2/ICO/ 20 /2018 dated 14/12/2018 valid upto 31/08/2021

The 'Integrated Consent to Operate' issued as per reference above to M/s .GEMS International School, Smart City Campus, Infopark Road, Kochi, PIN-682303, is hereby renewed up to 31/08/2023 and issued to M/s .SG Academic Establishments Private Limited-Gems Modern Academy,Plot B1-4, Smart City Infrastructure Pvt .Ltd, Brahmapuram, Kochi, Kerala-682303. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	CATEGORY	ORANGE
2	VALIDITY	31/08/2023
3	ANNUAL FEE	Rs 2,68,000.00/-
4	FEE REMITTED	Rs.6,71,875/-
5	CAPITAL INVESTMENT	Rs.12875 lakhs

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	
As per previous consent					

III. CONDITIONS

1. For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board, 2 months prior to the date of expiry.

Late application will be accepted only with fine as applicable.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

SHEELA A M

Digitally signed by SHEELA A M
Date: 2022.06.06 15:47:44
+05'30'

DATE :02/06/2022

SIGNATURE & SEAL OF ISSUING AUTHORITY
MEMBER SECRETARY



To

M/S. SG Academic Establishments Private Limited-Gems Modern Academy,Plot B1-4, Smart City Infrastructure Pvt .Ltd, Brahmapuram, Kochi, Kerala-682303.

1. This digitally signed document is legally valid as per the Information Technology Act 2000

2. For verifying this document please go to krocmmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Annexure –GCP.5.d.

FILE NO. :PCB/HO/EKM-1/ICE/O15ERR2197499/3/2019

Date of issue :03/03/2020



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO ESTABLISH

ISSUED UNDER

Section 25 of Water (Prevention & Control of Pollution) Act, 1974

Section 21 of the Air (Prevention & Control of Pollution) Act, 1981

and

Environment (Protection) Act, 1986

As per Application No. :2383805

Dated:21-01-2016

TO

M/s MATT PROJECTS PRIVATE LIMITED

MARATT TECH PARK

Block No. 9,

Kakkanad village,

kanayanoor taluk,

Eranakulam - 682303.

Consent No. :PCB/HO/EKM-1/ICE/04/2020

Valid Upto :02/03/2024

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	02/03/2024
2	Name and Address of the establishment	MATT PROJECTS PRIVATE LIMITED BLOCK NO. 9, KAKKANAD VILLAGE, KANAYANNOOR TALUK, ERANAKULAM DISTRICT. 682303
3	Communication	Telephone :080-26585210 Fax :- E-mail:mattinfo@maratt.in
4	Occupier Details	M.K. Marattukalam Matt Projects Pvt. Ltd. Maratt Estate, Bannerghatta road, Bangalore-560076 Karnataka.
5	Local Body	KAKKANAD
6	Survey Number	650,651,652,653,654
7	Village	Kakkanad
8	Taluk	KANAYANNUR
9	District	Ernakulam i
10	Capital Investment(Rs in Lakhs)	9757.90 Rs in Lakhs
11	Scale	Large
12	Category	RED
13	Annual fee(Rs)	Rs. 2, 70, 500/-
	Total Fee remitted(Rs)	Rs. 12, 05, 420/-
14	Activity	Construction of an IT Park (MARATT TECH-PARK) with a total built up area of 47537.91 sq.mtrs and DG set 1000 kVA (3 nos).

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 Sewage Treatment Plant (STP) consisting of treatment units having adequate capacity shall be made functional/ arrangement for sewage treatment shall be provided, as per the proposal submitted along with the application, before commissioning of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1)(g) of the Water Act shall also be made along with.

CTE of Matt projects

FILE NO. :PCB/HO/EE2/EKM-1/ICE/4/1/2016
Date of issue :28/11/2016



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO ESTABLISH

ISSUED UNDER

Section 25 of Water (Prevention & Control of Pollution) Act, 1974
Section 21 of the Air (Prevention & Control of Pollution) Act, 1981

and

Environment (Protection) Act, 1986

As per Application No. :3185296

Dated:24-10-2016

TO

M/s PRESTIGE CYBER GREEN-1
PLOT A1.7, SMART CITY SEZ,
BLOCK NO.9, KAKKAND,
KOCHI-682313



Consent No. :PCB/HO/EKM-1/ICE/20/2016

Valid Upto :20/06/2019



1. GENERAL

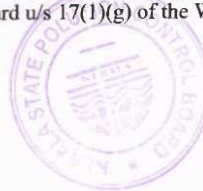
1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	20/06/2019
2	Name and Address of the establishment	PRESTIGE CYBER GREEN-1 PLOT A1.7, SMART CITY SEZ, BLOCK NO.9, KAKKANAD, KOCHI-682313 682313
3	Communication	Telephone :0484-4025555 Fax :- E-mail:cochin@prestigeconstructions.com
4	Occupier Details	THANKACHAN THOMAS V SENIOR VICE PRESIDENT, PRESTIGE ESTATES PROJECTS LTD, NO.96, 10TH FLOOR, KUNDANNUR, PETTA ROAD, ABAD NUCLEUS MALL, MARADU P O, KOCHI-682304
5	Local Body	THRIKKAKARA MUNICIPALITY
6	Survey Number	A1.7
7	Village	KAKKANAD
8	Taluk	KANAYANNUR
9	District	Ernakulam i
10	Capital Investment(Rs in Lakhs)	Rs 16008.96 lakhs
11	Scale	Large
12	Category	ORANGE
13	Annual fee(Rs)	Rs 160000
	Total Fee remitted(Rs)	Rs 480000
14	Activity	IT building with 2 blocks – Block A- 2 basements+G+7 floors and Block B- 2 basements+G+7 floors with total area of 85100.02 Sq m in Smart City. DG set- 1500 kVA(4 nos) and 1010 kVA

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 Sewage Treatment Plant (STP) consisting of treatment units having adequate capacity shall be made functional/ arrangement for sewage treatment shall be provided, as per the proposal submitted along with the application, before commissioning of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1)(g) of the Water Act shall also be made along with.
- 2.2 Water Consumption : 252000 l/d
- 2.3 Effluent Generation : 227000 l/d



Annexure –GCP.5.f.



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/HO/AE2/EKM/ICE/20/2016

Date of issue :23/07/2019

INTEGRATED CONSENT TO ESTABLISH - RENEWAL

Consent No : PCB/HO/EKM-1/ICE-R/ /2019 Valid upto:30.06.2024

Ref : 1. PCB/HO/EKM/ICE/10/2016 issued on 22/06/2016 valid upto 31/03/2019.

2. Application No. 10018699 dated 28.03.2019.

The ' Integrated Consent to Establish' issued as per reference above to M/s Sands Infrabuild Pvt Ltd, Plot A4-1,2&3 Block No:9, Smart City(Kochi) , SEZ Kakkanad, Kanayannur, Ernakulam - 682030, is hereby renewed up to 30/06/2024 and issued to M/s Sands Infrabuild Pvt Ltd, Plot A4-1,2&3 Block No:9, Smart City(Kochi) , SEZ Kakkanad, Kanayannur, Ernakulam - 682030. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Capital Investment	64923.83 Rs in Lakhs
2	Annual fee	Rs. 10, 98, 500/-
3	Fee remitted (Including arrears)	Rs. 62, 57, 589/-
4	Category	Red
5	Validity	30/06/2024

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	
No change from previous consent					

III. CONDITIONS

All other conditions of the Integrated Consent to Establish issued as per reference above remain unchanged.

DATE :23/07/2019

DR AJIT HARIDAS
SIGNATURE & SEAL OF ISSUING AUTHORITY
CHAIRMAN

Digitally signed by DRAJIT HARIDAS
Date: 2019.08.26 06:32:58 +05'30'



To

M/s. SANDS INFRABUILD PVT LTD,
PLOT A4-1,2&3 BLOCK NO:9,
SMART CITY(KOCHI) ,
SEZ KAKKANAD,
KANAYANNUR,
ERNAKULAM

1. This digitally signed document is legally valid as per the Information Technology Act 2000

2. For verifying this document please go to krocmmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Annexure –GCP.6.a

CIN: U70101KL2006FTC019125

SmartCity (Kochi) Infrastructure Pvt. Ltd.
SmartCity Pavilion,
Brahmapuram P.O., Kochi 682 303,
Kerala, India

Telephone +91 484 308 0000

www.smartcity-kochi.in



SCK/P16 -P134/173/2018
08th October 2018

Managing Director,
Kochi Metro Rail Limited,
8th Floor, Revenue Tower, Park Avenue
Kochi 282011

Attention: **Shri. APM Mohammed Hanish**

Dear Sir,

Sub: Kochi Water Metro Project- Land Requirement

1. Reference: KMRL/WM/Corres- stake holders/2017/F-33/ dated 13 Aug 2018

With respect to the letter under reference, we are pleased to inform you that your request for requirement of land for setting up the 3 Jetty Terminals in SmartCity (Kochi) has been approved by the Board of Directors of SmartCity (Kochi) in its meeting on 24th Sep 2018. It has been decided that an extent 1.3498 hectares (3.3353 acres) in 3 land parcels mentioned below will be leased to KMRL for a period of 30 years.

Jetty Terminal Location	SmartCity Land	Extent in Hectares	Extent in Acres	Remarks
1-Near GEMS school	Land B	0.8851	2.1871	See Note 1
2-Hub Terminus	Land A	0.1725	0.4262	
3 - Near Sands Infra	Land A	0.2922	0.7220	See Note 2
	Total	1.3498	3.3353	

Note1- The extent indicated by KMRL was 0.7955ha for terminus 1 but corrected by SmartCity as 0.8851ha to reflect the actual measurement as per FMB.

Note2- KMRL- 0.2892 ha has been corrected by SCK as – 0.2922 ha to reflect the actual measurement as per FMB.

Field Measurement Book (FMB) Sketches of all the three land parcels have been shared with KMRL

The actual extent of leasable land shall be jointly surveyed and extent ascertained for inclusion in the lease deed. Cost of the survey shall be equally shared between SmartCity (Kochi) and KMRL.





Terms and Conditions of lease approved by the Board:

1. Lease Rent per acre per Year: Rs 3,00,000/ (Rupees Three Lakhs Only). Total lease rent payable for 3.3353 acres is Rs 3,00,17,700 (Rupees Three Crores Seventeen Thousand Seven Hundred Only)
2. Lease Period : 30 years
3. Total Lease Rent for 30 years shall be payable in two instalments. First 50 % is payable upon execution of the lease deed and balance 50% within one year from commencement of the first water transport operation.
4. An extent of 1.0005 hectares (2.472 acres) in the promenade connecting Jetty terminus 1 with the public road and SmartCity (Kochi) lands shall be developed and maintained at all times by KMRL at its own cost. No rent will be chargeable for this area of land.
5. KMRL is permitted to monetise only the leasable areas given in the table above for which the rent is paid. Also see point 7 below.
6. KMRL shall not commercialise /monetise 2.472 acres of promenade land and SmartCity (Kochi) will retain such rights at all times.
7. Jetty Terminal 3 near Sands Infra is an entrance to the processing zone of SmartCity (Kochi) SEZ. Hence this terminal should have necessary access control measures to prevent trespass by unauthorized persons beyond the jetty limits. KMRL shall install necessary measures to control entry of non-SEZ persons to the processing zone. No commercial activity like cafeteria etc. is permitted in this Jetty.
8. The lease shall be renewed after 30 years on mutually agreed terms.

We trust that the above is in order and meets your expectations articulated in the above referenced letter, which we have given its full due during the presentation of the proposal during the Board Meeting.

Upon receipt of your concurrence on the above terms and conditions SmartCity (Kochi) will furnish the daft lease deed for your review and finalization.

Warm regards,

Manoj Nair
Chief Executive Officer



Enclosure:

1. Attachment -2

Annexure –GCP.7.a

Classification: Confidential



Classification: Confidential



MINUTES OF MEETING

Project: SmartCity (Kochi) Infrastructure Pvt Ltd.
Purpose: Meeting - Environment Monitoring Call at SCK
Meeting No: Environment Monitoring Call
Date & Time: 15th September 2022, 15:00 Hrs.
Location: Through Microsoft Teams

Attendees:

Sini PS Ranjithlal KL Emmanuel Thomas	SmartCity (Kochi) Infrastructure Pvt Ltd.
PZ Thomas Jomon M C Madan Lal	Environmental Engineers & Consultants Pvt. Ltd
Lalju Narayanan	Standards Laboratories
Santhi C	Lulu IT Infrabuild Pvt Ltd.
Dipu Vijayan	Prestige Estates Projects Limited
Rakesh S.K	Matt Projects Pvt. Ltd.
Dileep SA	MariApps Marine Solutions India Pvt Ltd
Ranjith Radhan	Smartbiz Bay Kochi (P) Ltd
Gopakumar M.S	S G Academic Establishments Pvt Ltd.

Attachments: NIL

Prepared by: Emmanuel Thomas
Reviewed by: Sini P.S

SmartCity (Kochi) Infrastructure Pvt Ltd.

MINUTES OF MEETING

I. PURPOSE OF MEETING

Meeting of Environment Monitoring Call Group -I was convened to assess the potential problems that would result from the project and prompt implementation of effective corrective measures.

II. DISCUSSION POINTS

- 1) In view of the anticipated dust generation from the construction site, during the upcoming winter season the committee has been decided to make the following arrangements with immediate effect.
 - a. Frequency of sprinkling of water in the premise and nearby roads to be improved.
 - b. Provision of wash point has been ensured at the entry/ exist of each construction plot.
 - c. Fencing/ Barricade of construction plots has been corrected at the damaged locations.
- 2) Co Developers, who are undertaking construction on the riverfront is maintaining the necessary set back as per EIA directions.
- 3) Solar Plant installed at 3 buildings in SCK campus are working well. Further Lulu IT Infrabuild Pvt Ltd has commended the foundation work of Solar Plant at their rooftop.
- 4) Treated water of STP from the three operational buildings are majority utilizing for landscape irrigation.
- 5) A blockage has been noticed in the storm water drain in front of Sands Infra's plot. The same has to be corrected to ensure the free flow of storm water. All other drains are found to be in order.
- 6) It is noted that the disposal of waste to SCK's land -A by the neighborhood residents of SCK is continuing. Hence it is decided to issue a notice to Municipality to stop the activity.
- 7) There are no incidents reported from the site during last two months.
- 8) No export or import of earth is made from the campus till date.
- 9) Water, air, noise and stack emission monitoring test are conducted in July 2022.
- 10) Previous Minutes read and confirmed as true record
- 11) The committee has advised to ensure the cleanness of campus.
- 12) Greenery proposed as per the submission is maintained at SCK.
- 13) Filling or land development has not done on any water bodies at SCK.
- 14) SmartCity Kochi is adhering the zero-discharge policy.
- 15) The details of CER activities undertake as on date is tabulated below.

SmartCity (Kochi) Infrastructure Pvt Ltd.

Classification: Confidential



MINUTES OF MEETING

Sl.No.	Description	Amount (INR.)
1	Infrastructure for Water Metro – Land to an extent of 3.33 Acres has been allocated to KMRL as per the requirement at subsidize land price for creation of boat jetty and related infrastructure. Confirmation awaited from KMRL toward the same. Cost Impact to SCK due to reduced land premium.	36,00,000.00
2	Contribution to Rebuild Kerala/ similar initiative by GoK – Support to Rebuild Kerala	14,00,000.00
	Total	50,000.00/-

16) Previous Minutes read and confirmed as true record.

MOM of EMC

Annexure –GCP.8.a

Sl.No	Description	Unit	Qty
A	LIST OF SPECIES		
1	Alstonia scholaris	Nos	19
2	Barringtonia racemosa	Nos	19
3	Ptychosperma macarthurii	Nos	63
4	Washingtonia	Nos	42
5	Livistona chinensis	Nos	8
6	Felicium decipens	Nos	39
7	Cassia Fistula	Nos	8
8	Thespesia populena	Nos	9
9	Delonix regia	Nos	10
10	Largestromia	Nos	11
11	Kadamba-anthocephalus	Nos	10
12	Michelia Champaca	Nos	21
13	Pongamia	Nos	21
14	Plumeria pink hybrid	Nos	137
15	Plumeria obtusa	Nos	1
16	Mimopsus elengii	Nos	15
17	Terminalia arjunae	Nos	10
18	Calophyllum inophyllum	Nos	11
19	Milletia ovalifolia	Nos	11
20	Raphis excelsa	Nos	408
21	Sterlitzea reginae (Bird of paradise)	Nos	244
22	Azadirachta Indica	Nos	12
23	Mangifera Indica	Nos	25
24	Psidium Guajava	Nos	30
25	PunicaGranatum	Nos	6
26	Flacourtia	Nos	9
27	Manilkara Zapota	Nos	14
28	Artocarpus Heterophyllus	Nos	20
29	Peltophorum Pterocarpum	Nos	3
30	Santalum album	Nos	1
31	Syzygium cumini	Nos	12
32	Indian laburnum	Nos	10
33	Rutaceae	Nos	20
34	Phyllanthus emblica	Nos	20
35	Ficus benghalensis	Nos	13
36	Tectona grandis	Nos	10
37	Swietenia	Nos	25
38	Delonix regia	Nos	11
39	Dalbergia sissoo	Nos	14
40	Palm Trees	Nos	90
	Sub Total	Nos	1,462

Saplins planted

Annexure –GCP.8.b



Photographs of saplings planted

Annexure –GCP.9.a



SCK -01 Building



MariApps Marine Solutions Pvt Ltd.



SG Academics

Solar panel on the roof of buildings



TEST REPORT

Test Report No:20220121/R004	Date: 27-01-2022	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20220121/S004
Sample Name	Ambient Air	Sample Received on	22-01-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	22-01-2022
Sampled by	Lab Authorized Sampler	Test Completed on	27-01-2022

DETAILS OF SAMPLING			
Sampling Location	Near Butterfly Park in Land A- South East side of Land-A- Near Kadambayyar River	Date of Sampling	21-01-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72%

SAMPLING SITE DETAILS			
Plot	Land A- Block 9	Land B- Block 37	Land C- Block 9
Survey No	640-655,665,666,686, 687,689,704-712,722	62,63,67- 74,101,103-109	570/1part,570/2part, 570/28part
Village	Kakkanad	Puthencruz	Kakkanad
Taluk	Kanayannur	Kunnathunnad	Kanayannur
District	Ernakulam	Ernakulam	Ernakulam
State	Kerala	Kerala	Kerala

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23):2006 RA 2017	µg/m ³	56.1	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2006 RA 2017	µg/m ³	22.7	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2):2001 RA 2017	µg/m ³	2.38	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6):2006 RA 2017	µg/m ³	3.16	80.0 (Max)

Remarks:

End of Report


Shency Joy
Dy. TM Chemical




Laiju P. N.
Laboratory Head

Checked by:

Authorized Signatory

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Standard S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No:20220121/R006	Date: 27-01-2022	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20220121/S006
Sample Name	Ambient Air	Sample Received on	22-01-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	22-01-2022
Sampled by	Lab Authorized Sampler	Test Completed on	27-01-2022

DETAILS OF SAMPLING			
Sampling Location	Near the Pavilion Building- Smart City Office with the Project site-Centre of the Site & Near the Road in Land B	Date of Sampling	21-01-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72%

SAMPLING SITE DETAILS			
Plot	Land A- Block 9	Land B- Block 37	Land C- Block 9
Survey No	640-655,665,666,686, 687,689,704-712,722	62,63,67- 74,101,103-109	570/1part,570/2part, 570/28part
Village	Kakkanad	Puthencruz	Kakkanad
Taluk	Kanayannur	Kunnathunnad	Kanayannur
District	Ernakulam	Ernakulam	Ernakulam
State	Kerala	Kerala	Kerala


TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARDS
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23):2006 RA 2017	µg/m ³	55.3	100 (Max)
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24):2006 RA 2017	µg/m ³	26.3	60.0 (Max)
3	Sulphur dioxide (SO ₂)	IS 5182 (Part 2):2001 RA 2017	µg/m ³	2.22	80.0 (Max)
4	Nitrogen dioxide (NO ₂)	IS 5182 (Part 6):2006 RA 2017	µg/m ³	3.27	80.0 (Max)

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Lalju P. N.
Laboratory Head
Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Air

Annexure –GCP.10.b

**TEST REPORT**

Test Report No:20220121/R014	Date: 27-01-2022	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	20220121/S014
Sample Name	Ambient Noise	Monitoring Commenced on	21-01-2022
Monitoring Location	Near Residential House of Edachira-Near North West side of the Site & Near the Project Site Boundary of Land A	Monitoring Completed on	22-01-2022
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

SAMPLING SITE DETAILS			
Plot	Land A- Block 9	Land B- Block 37	Land C- Block 9
Survey No	640-655,665,666,686,687,689,704-712,722	62,63,67-74,101,103-109	570/1part,570/2part,570/28part
Village	Kakkanad	Puthencruz	Kakkanad
Taluk	Kanayannur	Kunnathunnad	Kanayannur
District	Ernakulam	Ernakulam	Ernakulam
State	Kerala	Kerala	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.4	14:00	50.2	22:00	36.3
07:00	40.1	15:00	50.6	23:00	32.7
08:00	44.4	16:00	51.7	24:00	35.0
09:00	47.9	17:00	52.1	01:00	35.7
10:00	50.2	18:00	46.7	02:00	35.4
11:00	53.3	19:00	43.2	03:00	36.1
12:00	50.6	20:00	39.4	04:00	35.0
13:00	49.8	21:00	38.9	05:00	36.7

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	48.7
2	Ambient Sound Level (Leq) Night Time (23:00 to 05:00)	dB(A)	35.4

Remarks:

End of Report


Shency Joy
Dy. TM Chemical

Checked by:




Laju P. N.
Laboratory Head
Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No:20220121/R013	Date: 27-01-2022	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	20220121/S013
Sample Name	Ambient Noise	Monitoring Commenced on	21-01-2022
Monitoring Location	Near the Pavilion Building-Smart City Office with the Project site-Centre of the Site & Near the road in Land B	Monitoring Completed on	22-01-2022
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler

SAMPLING SITE DETAILS			
Plot	Land A- Block 9	Land B- Block 37	Land C- Block 9
Survey No	640-655,665,666,686,687,689,704-712,722	62,63,67-74,101,103-109	570/1part,570/2part,570/28part
Village	Kakkanad	Puthencruz	Kakkanad
Taluk	Kanayannur	Kunnathunnad	Kanayannur
District	Ernakulam	Ernakulam	Ernakulam
State	Kerala	Kerala	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.2	14:00	49.8	22:00	36.0
07:00	39.8	15:00	50.2	23:00	32.4
08:00	44.0	16:00	51.3	24:00	34.7
09:00	47.5	17:00	51.7	01:00	35.4
10:00	49.8	18:00	46.3	02:00	35.1
11:00	52.9	19:00	42.9	03:00	35.7
12:00	50.2	20:00	39.1	04:00	34.7
13:00	49.4	21:00	38.6	05:00	36.4

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	48.3
2	Ambient Sound Level (Leq) Night Time (23:00 to 05:00)	dB(A)	35.1


Remarks:

End of Report


Shency Joy
Dy. TM Chemical

Checked by:




Lalju P. N.
Laboratory Head
Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Noise

**TEST REPORT**

Test Report No:20220121/R015	Date: 27-01-2022	Page 1 of 2
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

SAMPLE DETAILS			
Product Category	Water	Sample Code	20220121/S015
Sample Name	Surface Water	Sample Received on	22-01-2022
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4 °C
Sample Quantity & Packing	1Litre & 100 ml Plastic Bottle	Test Commenced on	22-01-2022
Sampled by	Lab Authorized Sampler	Test Completed on	27-01-2022
Information Provided by Customer	---		

DETAILS OF SAMPLING			
Sample Source	Edachira Canal	Date of Sampling	21-01-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/01& SEAAL/MBL/SOP/06	Sample Temperature	27 °C

SAMPLING SITE DETAILS			
Plot	Land A- Block 9	Land B- Block 37	Land C- Block 9
Survey No	640-655,665,666,686, 687,689,704-712,722	62,63,67-74,101,103-109	570/1part,570/2part, 570/28part
Village	Kakkanad	Puthencruz	Kakkanad
Taluk	Kanayannur	Kunnathunnad	Kanayannur
District	Ernakulam	Ernakulam	Ernakulam
State	Kerala	Kerala	Kerala

TEST RESULTS – CHEMICAL PARAMETERS					
SL No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Colour	IS 3025 (Part 4):1983 RA 2017	Hazen	5	Max 5
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984 RA 2017	NTU	5.1	Max 1


Shency Joy
Dy. TM Chemical

Checked by:




Salini S.
Microbiologist

Authorized Signatory


Laiju P. N.
Laboratory Head

Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No:20220121/R017	Date: 27-01-2022	Page 2 of 2
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TEST RESULTS - CHEMICAL PARAMETERS					
SL No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
4	pH	IS 3025 (Part 11):1983 RA 2017	---	7.35	6.50 - 8.50
5	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	121	Max 500
6	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009 RA 2019	mg/L	52.6	Max 200
7	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	15.5	Max 75
8	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	3.33	Max 30
9	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	36.1	Max 250
10	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.44	Max 1

TEST RESULTS- BIOLOGICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	REQUIREMENT AS PER ACCEPTABLE LIMIT OF IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185 : 2016	---	Present/100ml	Absent/100 ml
2	E coli	IS 15185 : 2016	---	Absent/100ml	Absent/100 ml

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Salini T. S.
Microbiologist
Authorized Signatory


Lajju P. N.
Laboratory Head
Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Water

**TEST REPORT**

Test Report No:20220121/R008	Date: 27-01-2022	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20220121/S008
Sample Name	Stack Emission	Sample Received on	22-01-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	22-01-2022
Sampled by	Lab Authorized Sampler	Test Completed on	22-01-2022

DETAILS OF SAMPLING			
Stack Identity	1500 KVA DG Set 2	Stack Temperature	145°C
Stack Diameter	0.40 M	Stack Gas Velocity	5.61m/sec
Date of Sampling	21-01-2022	Stack Gas Flow Rate	1783 Nm ³ /Hr
Sampling Procedure	SEAAL/ENL/GEN/SOP/03		

TEST RESULTS - CHEMICAL PARAMETERS					
Sl. No	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
01	Particulate matter	IS 11255 (Part 1):1985 RA 2014	mg/Nm ³	27.6	150

Remarks:

End of Report



Shency Joy
Dy. TM Chemical

Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

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Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

TEST REPORT

Test Report No:20220121/R009	Date: 27-01-2022	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Smart City (Kochi) Infrastructure (P) Ltd Kakkanad, Ernakulam District.
Customer Reference	Test Request dt 21-01-2022

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20220121/S009
Sample Name	Stack Emission	Sample Received on	22-01-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	22-01-2022
Sampled by	Lab Authorized Sampler	Test Completed on	22-01-2022

DETAILS OF SAMPLING			
Stack Identity	1500 KVA DG Set 3	Stack Temperature	155°C
Stack Diameter	0.40 M	Stack Gas Velocity	5.81m/sec
Date of Sampling	21-01-2022	Stack Gas Flow Rate	1829 Nm ³ /Hr
Sampling Procedure	SEAAL/ENL/GEN/SOP/03		

TEST RESULTS - CHEMICAL PARAMETERS					
Sl. No	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
01	Particulate matter	IS 11255 (Part 1):1985 RA 2014	mg/Nm ³	28.6	150

Remarks:

End of Report


Shency Joy
Dy. TM Chemical

Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

DG – stack emission

Annexure –GCP.11.a



Labour camp

Annexure –GCP.12.a



भारत सरकार
Government of India
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
एकीकृत क्षेत्रीय कार्यालय, बेंगलुरु - 560 034
Integrated Regional Office, Bangalore – 560 034



4th Floor, E & F- Wings, Kendriya Sadan,
17th Main Road, II Block
Koramangala.

Tel. No. 080-25635901, E.mail: rosz.bng-mefcc@gov.in

Dated: 27th November, 2020

EP/12.1/2014-15/09/SEIAA/KER 9/12

To

Mr. Manoj Nair,
Chief Executive Officer,
M/s. SmartCity (Kochi) Infrastructure Pvt. Ltd.,
Smartcity Pavilion,
Brahmapuram P.O, Kochi, Kerala - 682 303.
Telephone : +91 48466 89800
Web.: www.smartcity-kochi.in

Subject : Master Plan development of an IT/ITES, township consternation project at Kakkanad and Puthencurz village, Kanayanoor Taluk, Ernakulam District by M/s Smartcity (Kochi) Infrastructure Pvt Ltd., Kochi, Kerala- reg.

Ref. No: i.No.184/EC/SEIAA/3792/2013 dated 1st October, 2014.
ii.No.105/SEIAA/KL/1692/2013 dated 23rd August, 2013.


Sir,

This has reference to your letter dated 19th September, 2020 requesting for certified compliance report for the above-mentioned project. It is informed that the project was monitored on 4th November, 2020 by this Office along with Kerala State Pollution Control Board. The compliance to the various conditions of environment clearance is Satisfactory. The copy of the report is enclosed for reference.

These issues with approval of Competent Authority.

Yours faithfully,

Encl: As above.


(Dr. S. Prabhhu)
Scientist 'C'

Copy to: Er. Sreelakshmy, P.B., Environmental Engineer, Kerala State Pollution Control Board, Gandhi Nagar, Ernakulam, Kerala- 682 020 – for information.

CCR

Annexure –GCSC.1.a



mahimtura consultants (bangalore) pvt. ltd.
Consulting engineers

CIN - U74200KA2011PTC059618

Tel : +91 80 49209999

10th February 2016

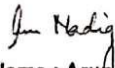
STRUCTURAL STABILITY CERTIFICATE

This is to certify that the proposed Commercial building at 640/1,2Part, 4 Part, 5 641/1 part, 10,25 Part,29,30 666/10 Part at Kochi has been designed for Lower Ground + Ground and 5 Upper Floors + Terrace for Office loadings.

The required imposed loads as IS 875 (Part II) - 1987 and also complies with the requirements of IS 456 – 2000. The designs conform to all relevant Indian Standards including IS 1893-(Part 1):2002 "Criteria for Earthquake Resistant Design of Structures" and designed or Zone III criteria as per the Code.

The Building mentioned above structurally safe and stable for its intended purpose.

For Mahimtura Consultants (Bangalore) Pvt Ltd.,


Name : Arun Nadig
Director

Registration No. BCC/BL 3.6/E – 4059/14-15



e-mail: bangalore@mahimtura.net

website : www.mahimtura.com

Bangalore Office : G-2, Pride Elite # 10, Museum Road, Bangalore - 560001, Karnataka, India
Administrative Office : Unique House : 3rd Floor, No. 25, S.A. Brelvi Road, Fort, Mumbai - 400 001.

Annexure -GCSC.1.b

GEO STRUCTURALS (P) Ltd
GEO TECHNICAL & STRUCTURAL CONSULTANT
41/1004, VADAKUMTHALA BUILDING, PULLEPPAD
COCHIN - 682 018. PHONE: 0484-2367824, 236832
FAX: 0484-2371643, e-mail: geostructurals@gmail.com
CIN:U74210KL2001PTCO14716

TO WHOMSOEVER IT MAY CONCERN

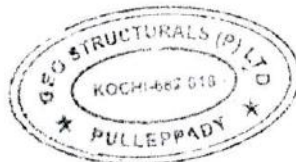
This is to certify that the structural design of Proposed Office Building for Mariapps (B+G+7 floors) for Mariapps Solutions India Private Limited, 401, 4th Floor Olympia, Hiranandani Gardens Powai, Mumbai, Mumbai City, Maharashtra, India, 400076, on Survey No: A2-9 of Kakkanad Village, Kanayannur Taluk, Ernakulam District having an extent of 5871.34 Sqm is done as per provisions of the relevant Indian Standard Codes and the design is structurally stable. The structure is designed for Dead load, Live load, Wind load and Earth quake loads taken as per IS:875 Part I to IV & IS:1893. Design is based on the Architectural drawings prepared by M/s Enemblee Architecture, Planning and Interior Design, Indiranagar, Bangalore -38.

For GEO STRUCTURALS (P) Ltd.,

Cochin
16.06.2018



Dr. ANIL JOSEPH M.E. (S.M.F.E.), M.I.G.S., PhD
DIRECTOR



DR. ANIL JOSEPH, M.E. (S.M.F.E.), M.I.G.S., F
STRUCTURAL ENGINEER
L2-3532/07/2811/EA
GEO STRUCTURALS (P) LTD.
PULLEPPADY
KOCHI-682018

Structural stability certificate of Mariapps

Annexure –GCSC.1.c



KEF Infrastructure India Pvt. Ltd.
231A, 232/4, Vinayakapuram Village, Kurubarapalli Post,
Krishnagiri – 635115, Tamil Nadu, India
Tel: +91 4343 – 222100, Email: Info@kefinfra.com.
Web: kefinfra.com

Date: 05th February 2018
Ref No: KEF/GEMS/LTCM-LR /001

To
SG ACADEMIC ESTABLISHMENT INDIA PVT. LTD.,
C-310, Unitech Business Zone,
Nirvana Countr, South City,
II Gurgaon, Haryana.

OR

PROJECT OFFICE,
GEMS School,
Opposite to BDPP brahmapuram diesel power plant,
Near smart City Pavillion, B1-4,
Smart City, Cochin.

FAO : Mr. Ajay Thakur – Sr. Vice President.

Project : GEMS MODERN ACADEMY

Sub : STRUCTURAL STABILITY CERTIFICATE.

Dear Sir,

Enclosed, please find the Structural Stability Certificate for the GEMS MODERN ACADEMY – Block 1,2,3&4 Buildings included 01 LAP Pool & 01 Children Swimming Pool, which is self-explanatory for reference and records.

Kindly acknowledge the copy as receipt of Original Certificate for our records.

Thanks and regards,

Yours faithfully
For KEF Infrastructure India Pvt.Ltd.

A handwritten signature in blue ink, appearing to read "Safarulla Abdul Azees", with a horizontal line drawn through it.

Safarulla Abdul Azees,
Lead Techno Commercial Manager.
Encl: Original Structural Stability Certificate – 03 Copies.

Structural stability certificate of S G academy

Annexure –GCSC.2.a



Facilities for labours

Annexure –GCSC.3.a



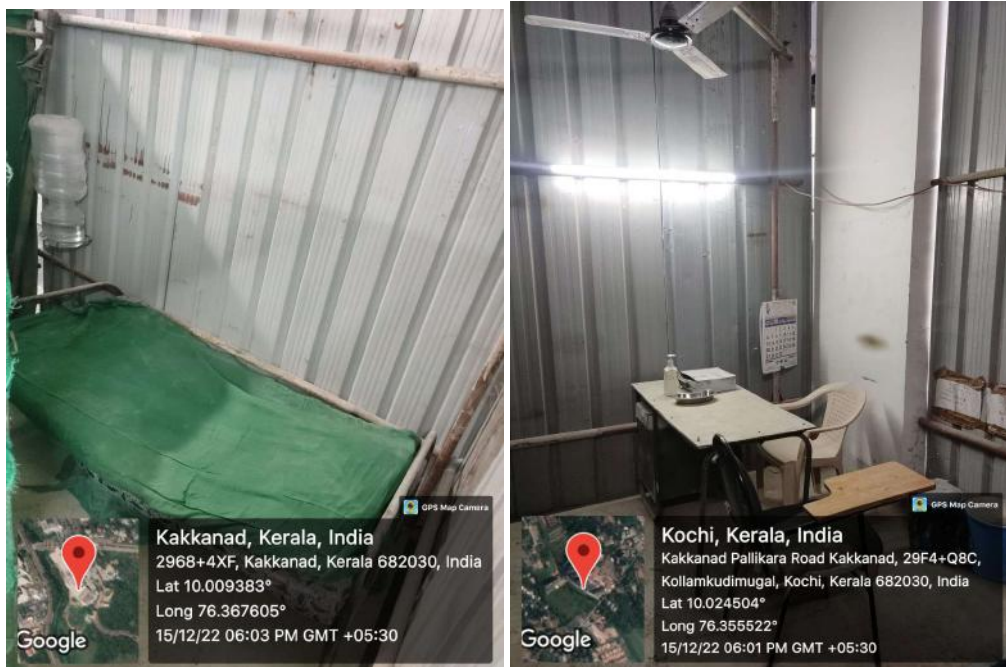
First aid facility with ambulance

Annexure –GCSC.4.a



Facilities for labours

Annexure –GCSC.5.a



Facilities for labours

Annexure –GCSC.6.a & 7a



Top soil stacked in project site

Annexure –GCSC.8.a





Hazard waste storage area

FORM 10
[See rule 19 (1)]

106

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1. Sender's Name and mailing address (including Phone No. and e-mail)	Smart City Kochi Infopark, Kakkanad.		
2. Sender's authorisation No.			
3. Manifest Document No.			
4. Transporter's name and address (including Phone No. and e-mail)	Petroliv Petroleum Kasaragod.		
5. Type of vehicle	(Truck/Tanker/Special Vehicle)		
6. Transporter's registration No.			
7. Vehicle registration No.	KL 11 AH 9035		
8. Receiver's name and mailing address (including Phone No. and e-mail)	PETROLIV PETROLEUM (ANGELS GROUP) 8XII/33, Bangalam, Nileshwar P.O. Kasaragod (Dist), Kerala Pin: 671314, Ph: 9995000704, anglesgrp@gmail.com		
9. Receiver's authorisation No.	Registration No: PCB/HO/KSGD/HWM/REG/01/2016		
10. Waste description :			
11. Total quantity :	420 Ltrs. m ³ or MT		
No. of Containers:	2 Nos.		
12. Physical form	solid/semi - solid/sludge/Oily/Tarry/slurry/Liquid)		
13. Special handling instructions and additional information:			
14. Sender's Certificate	  <p>I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.</p>		
Name and stamp:	Signature	Month	Day Year
		10	27 2021
15. Transporter acknowledgement of receipt of wastes			
Name and stamp:	Signature	Month	Day Year
		10	27 2021
16. Receiver's certification for receipt of hazardous and other waste			
Name and stamp:	Signature	Month	Day Year
		10	27 2021
Copy number with colour code	purpose		
(1)	(2)		
Copy 1 (White)	To be forwarded by the sender to the State Pollution Control Board after signing all the seven copies.		

Annexure -GCSC.10.a

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
Authorised By :
GOVERNMENT OF KERALA

Date : 22/12/2021
Time : 12:04:29 PM
Validity upto : 21/12/2022

Certificate SL No. : KL01400070004847
Registration No. : KL48M9443
Date of Registration : 10/Jan/2019
Month & Year of Manufacturing : December-2018
Valid Mobile Number : *****2838
Emission Norms : BHARAT STAGE IV
Fuel : DIESEL
PUC Code : KL0140007
GSTIN :
Fees : Rs.150.00(GST as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.04

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Annexure -GCSC.10.b

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
Authorised By :
GOVERNMENT OF KERALA

Date : 26/05/2022
Time : 15:15:23 PM
Validity upto : 25/05/2023

Certificate SL No. : KL00700030014887
Registration No. : KL75B2529
Date of Registration : 28/Jun/2021
Month & Year of Manufacturing : February-2021
Valid Mobile Number : *****2082
Emission Norms : BHARAT STAGE VI
Fuel : DIESEL
PUC Code : KL0070003
GSTIN :
Fees : Rs.150.0
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.5

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

PUC Certificate

Annexure –GCSC.11.a



D G Sets

Annexure -GCSC.12.a



Ready mixed unit

Annexure -GCSC.13.a



Dual Plumbing

Annexure -GCSC.14.a



Water tap with aerators

Annexure -GCSC.15.a

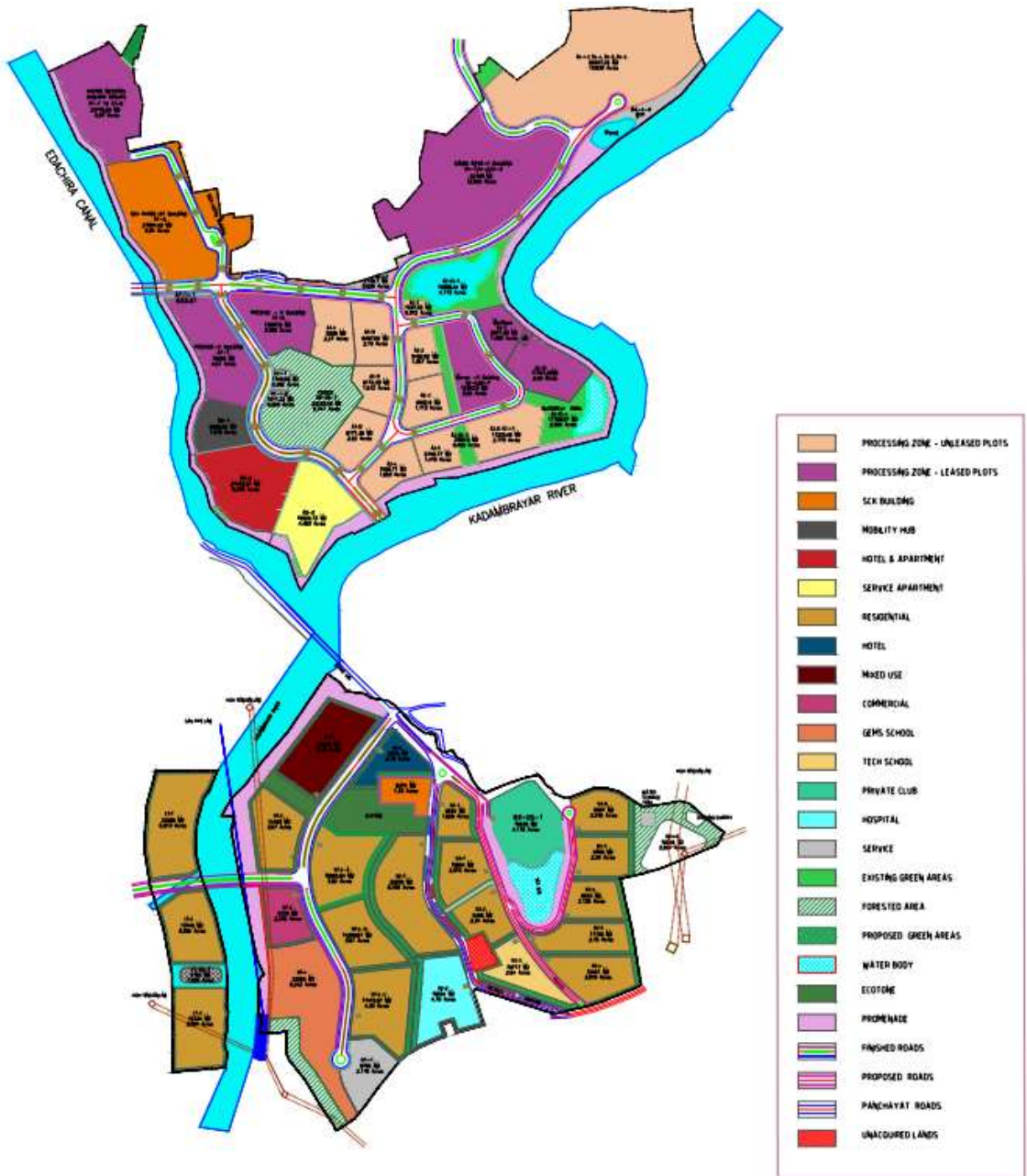


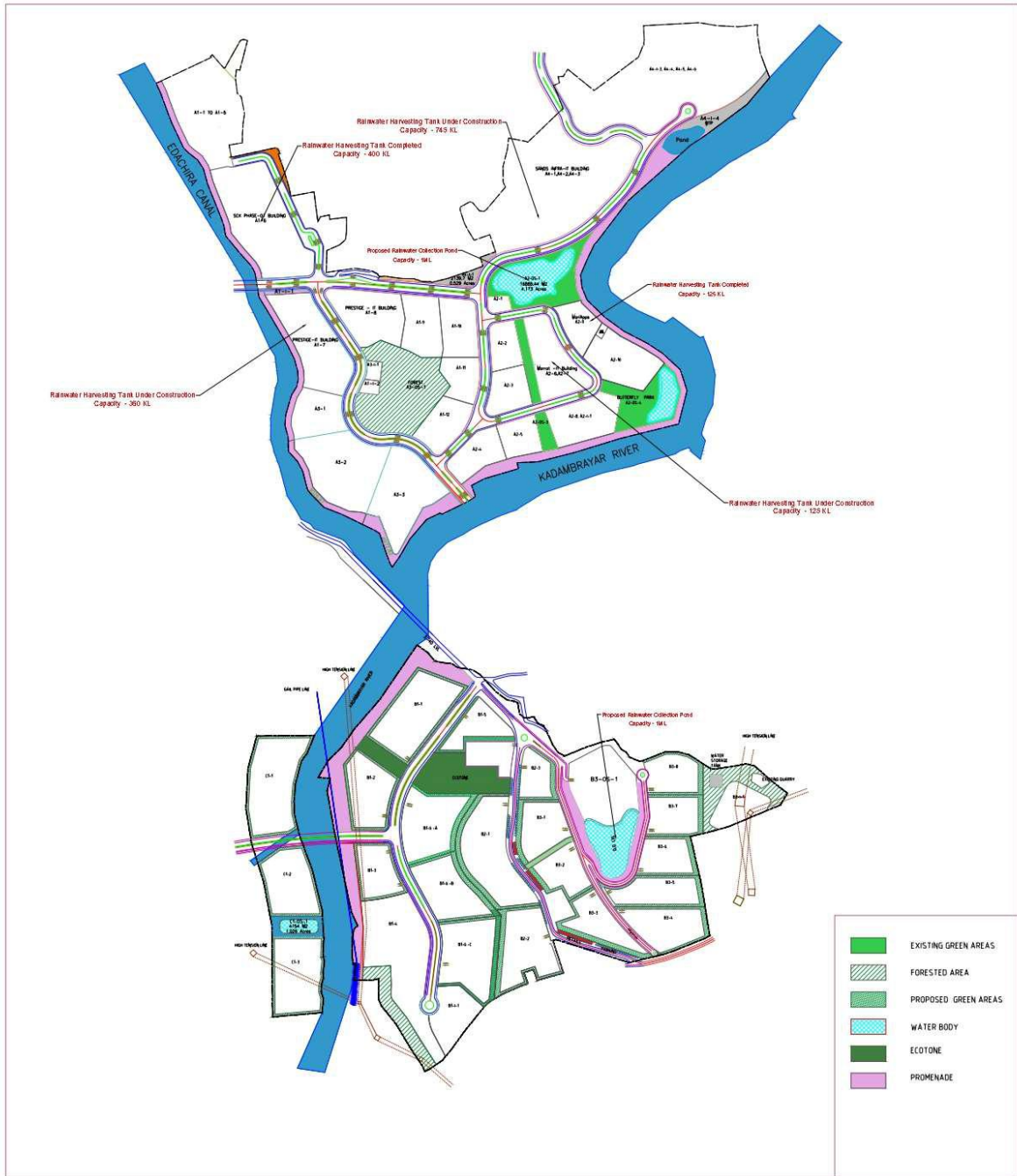
Annexure -GCSC.16.a



Glasses used in the project

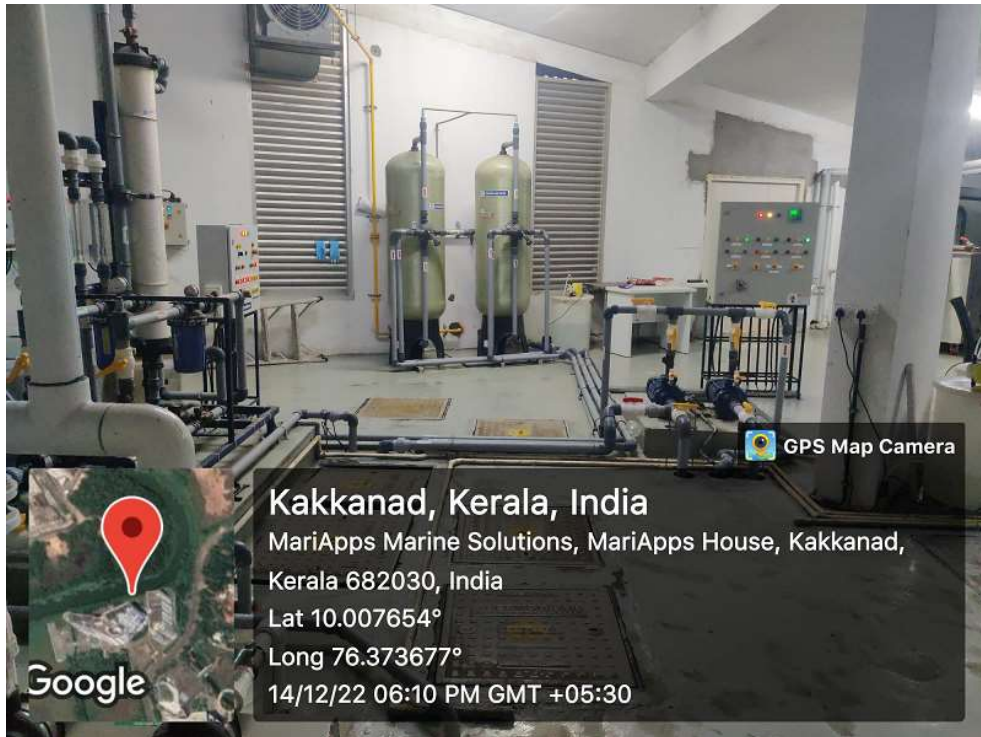
Annexure No. -GCSC.17.a





Master plan of Project.

Annexure No. -GCSO.1.a



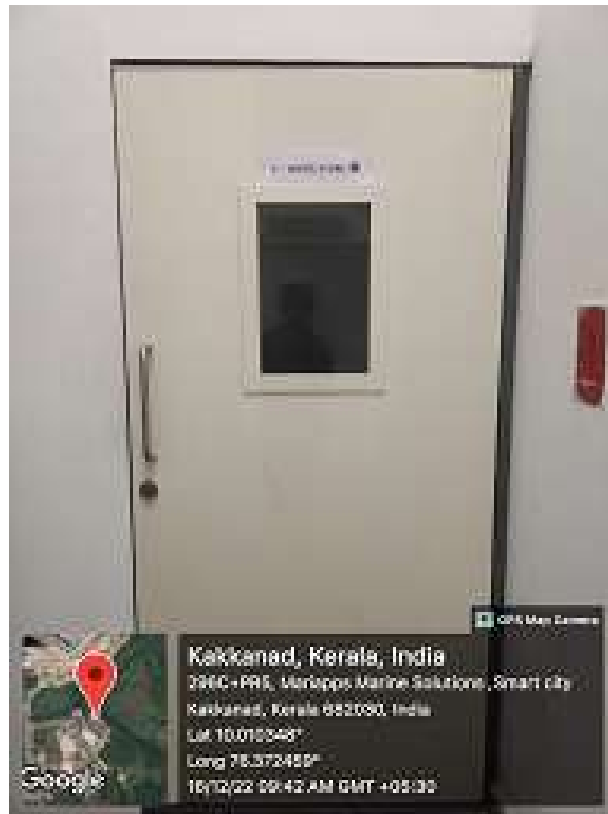
STP

Annexure No. -GCSO.2.a



OWC

Annexure No. -GCSO.3.a



Waste material Collection facility

Annexure No. -GCSO.4.a



Stack of DG

Annexure No. -GCSO.5.a