

The Regional Officer,
Ministry of Environment, Forests & Climate Change,
Regional Office (SZ), Kendriya Sadan,
4th Floor, E & F Wing, 17th Main Road,
Koramangala II Block, Bangalore-560034.

Dt. 14.06.2022

Ref. :-Environmental Clearance vide No EC21A038KL164412, File No 21-96/2021-IA-III dated 24.12.2021
Sub. :-Compliance Report for the period of Dec 2021 to March 2022 – Construction of Shopping Mall along with MLCP building project at Nattakom Village, Kottayam –Submission– Reg.

Respected Sir,

This is in reference to the Environmental Clearance issued to the above referred project by Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division).

In this connection, attached herewith is the Half yearly Compliance Report for the period December 2021 to March 2022. The documents are in with compliance report, 25 pages and Annexures 1- 20, 54 pages.

The compliance report is uploaded in the website of the project proponent (<https://lulukottayam.in/>)

We humbly request you to kindly acknowledge the receipt of the compliance report.

Thanking you,
Yours respectfully,

For Lulu International Shopping Malls Pvt. Ltd



Babu Vargheese
(Project Director)

Encl: A/a

**ENVIRONMENT MONITORING COMPLIANCE REPORT OF STIPULATED
CONDITIONS OF ENVIRONMENTAL CLEARANCE. Identification No-
EC21A038KL164412 File No 21-96/2021-IA-III dated 24.12.2021
(Up to March 2022)**

FOR

Proposed Commercial Building project along with MLCP building

KOTTAYAM

By

M/s. Lulu International Shopping Malls Pvt Limited

SUBMITTED TO:

MINISTRY OF ENVIRONMENT, FOREST, AND CLIMATE CHANGE (GOVT OF INDIA)

SUBMITTED BY:

M/s Lulu International Shopping Malls Pvt Limited

34/1000, NH-47, Edapally, Kochi- 682 024

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ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

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Chapter- 1 : INTRODUCTION

Environmental Clearance No 21-96/2021-IA-III was obtained via PARIVESH dated 24.12.2021. The project is for Construction of Proposed Commercial building project along with MLCP building at Nattakom Village, Kottayam Municipality, Kottayam Taluk & District, Kerala.

Methodology for Preparation of Report is as follows:

Study of EC Letter & Related Documents,

Site Visits by a Team of Experts,

Monitoring of Environment Parameters, viz. Ambient Air, Water, Noise, Soil & DG Sets,

Analysis of Samples collected during Monitoring,

Interpretation of Monitoring Results,

Preparation of Corrective Action & Preventive Action (CAPA) Plan to be followed in case the emission / effluent levels are beyond prescribed limits.

Chapter 2: BASIC DETAILS FROM EC

Sl. No	CONDITIONS	DETAILS
I	Basic Information	
1	Name of the Project.	Proposed Commercial Building project along with MLCP building
2	Proposed Activity	Construction Project (New)
3	Name, Designation & full address	Mr. Nishad M A, Director M/s Lulu International Shopping Malls Pvt Ltd, 34/1000, NH-47, Edapally, Kochi-682024
5	Total Plot Area	35,201 Sqm
6	Total Built Up Area	29,950.21 Sqm (Commercial Building 25,029.67 Sqm & MLCP Building - 4,920.54 Sqm)
7	Geo Co- ordinates	9°33'44.42" N to 9°33'52.86" N Latitude and 76°31'01.69" E to 76° 31'11.48" E Longitude
8	Category of project ie, 'A' or 'B'	Category 'B' Schedule 8 (a)
9	Location & Survey No.	Survey Nos. 352/12-1, 352/12, 352/13, 353/16, 353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3- 1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, ,353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3- 7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1- 3, 354/1-2, 354/ 1-1-1, 354/ 1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5,353/3-3, 353/3-5,353/9,353/11,353/18, 353/17 and parts of 1888 of Nattakom Village Kottayam Municipality, Kottayam District, Kerala.
10	Details of the Project Cost	Rs 55 Crores
11	Max height of the building	14.20 M (Commercial Building) 10.20 M. (Proposed MLCP)
12	Max no of floors	Commercial Building- GF+1 st Floor+ Terrace and MLCP Building- GF+ 2 floors
13	Storage wastewater	802 Kg/day (Check)
14	Total Water Requirement	Construction phase -35 KLD & Operation Phase- 167 KLD (fresh water 62 KLD + 105 KLD recycled from STP)
15	Total Power Requirement	Construction phase 100 KW- KSEB and DG standby

		and Operation phase- 3000 KVA (KSEB & DG Sets (1000 KVA x 2 Nos + 750 KVA x 2 Nos)
16	Solar Power	541 KWP
16	Parking Proposed	470 Cars + 514 Two wheelers
14	Validity	5 Years
15	CER details	Total Green area – 4905 Sqm better commercial retail shopping area with supporting infrastructure facilities and amenities to the people. Increase in economic activity and employment for the local community, local skills development and revenue to the State. 150 persons to be employed during construction phase.
16	Timeline for Completion	24 months from the date of start of construction

<u>CHAPTER 3-A.SPECIFIC CONDITIONS</u>		<u>COMPLIANCE</u>
i	Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA). Fresh water requirement shall not exceed 62 KLD during operational phase.	Presently no ground water extraction required for the project. We will be obtaining permission from CGWA if ground water extraction required. The estimated freshwater requirement 62KLD, prepared based on the National Building Code, which will not exceed during operation phase.
ii	As proposed, wastewater shall be treated in an onsite STP of 140 KLD capacity. At least 105 KLD of treated water from the STP shall be recycled and re-used for flushing (93 KLD), gardening (1 KLD) and as make-up water for cooling towers attached with the HVAC system (11 KLD). There shall be no discharge of treated water outside the premises as committed.	Wastewater will be treated in an onsite STP only. An expert vendor M/s 'Green Method Engineering' appointed for the design, execution, and operation of the sewage treatment plant. The work order issued to M/s Green Method Engineering is attached as Annexure 1 . The sewage treatment plant of 160 KLD capacity designed by the vendor with MBBR technology. The schematic diagram of the STP is attached as Annexure 2 and the location of the STP is earmarked in the site plan is attached in Annexure3 . The STP treated water will be used for flushing, gardening and for makeup water for HVAC Cooling tower. There will be no discharge of treated water outside the premises. The water balance chart showing the usage of STP treated water is attached as Annexure 4 .
iii	The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	An independent expert will be appointed for study on implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment system, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated water and fresh water for flushing and quality of water being supplied through spray faucets attached to toilets.
iv	Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation / greenery will be at least 4905 sqm. As proposed, at least 600 trees shall be maintained during the operation phase of the project. The landscape planning	The greenery area will be as per the details provided in the project document submitted and will be ensuring the minimum area requirement 4905m ² stated in the condition. The proposed landscaping is marked in the site plan which is attached as Annexure 5 . Minimum 600 trees will be maintained

	<p>should include plantation of native species. A minimum of 01 tree for every 80 sqm. of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to be ensured species (cut) to species (planted). The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and / or invasive species should not be used for landscaping.</p>	<p>during operation phase of the project. Landscaping will include native species. The tentative list of native species which having heavy foliage, broad leaves, and wide canopy cover suggested for the landscaping is attached as Annexure 6. The selection of the species will be as per the recommendation of landscaping architect. The requirement of minimum one tree for every 80m² is noted. We will ensure plantation of ensured species (cut) to species (planted). Water intensive and invasive species will be avoided in landscaping.</p>
v	<p>No tree can be felled / transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).</p>	<p>Noted. Project proponent will be obtaining permission from the concerned regulatory authority for felling trees if required. Old trees will be retained as far as possible. We will ensure plantations to the ensured species (cut) to species (planted).</p>
vi.	<p>Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 that is planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.</p>	<p>In case trees are to be cut we will obtain prior permission from the concerned local authority and compensatory plantation will be done in the ratio 1:10. Plantations will be ensured species (cut) to species (planted). Area for green belt development will be provided as per the details provided in the project document.</p>
vii	<p>The local bye-law provisions on rainwater harvesting should be followed. If local bye law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Bylaws, 2016. As proposed, RWH tank of total 200 KL capacity shall be provided by PP for rainwater harvesting after filtration.</p>	<p>The Kerala Municipal Building rule 2019 is applicable for the project. As per the rule, the rainwater harvesting capacity requirement is 250KL. It is proposed to provide 250KL capacity rainwater harvesting tanks for the project. A schematic diagram showing the rainwater usage attached as Annexure 7. The locations of the rainwater harvesting tank and its capacity are shown in the Annexure 8.</p>
viii	<p>The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for</p>	<p>The solid waste will be segregated into biodegradable and nonbio-degradable components and handled in separate areas ear marked for segregation of solid as per SWM Rules. Biodegradable waste will</p>

	<p>segregation of solid waste, as per SWM Rules, 2016. As committed, biodegradable waste shall be utilized through bio-gas generation unit. /bio-bin system to be installed within the site. Inert waste shall be disposed of as per norms at authorized site. The recyclable waste shall be sold to authorized vendors/recyclers Construction & Demolition (C&D) waste shall be segregated and managed as per C&D Waste Management Rules, 2016.</p>	<p>be treated in bio-bin system to be installed within the compound. Inert waste will be disposed of as per authorized norms. The recyclable construction & demolition waste will be segregated and managed as per C&D Waste Management Rules.</p>
ix	<p>The PP shall provide electric charging points in parking areas for e-vehicles as committed.</p>	<p>Electric Charging Points will be provided in parking areas for Electric Vehicles.</p>
x	<p>As committed, roof top solar energy installation of at least 541kWp shall be implemented.</p>	<p>It is initiated to install solar panel for capacity of 541kWp at terrace level. An amount of Rs 3.32Crore allocated for the Solar installation. The work order given to M/s URON for solar installation is attached as Annexure 9.</p>
xi	<p>The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals / clearances under any other Acts / Regulations or Statutes as applicable to the project.</p>	<p>Noted. It is initiated to obtain approvals/permissions from Kottayam Municipality for the building permit, Kerala fire and rescue department for the fire NOC and Kerala Pollution Control Board for the 'consent to establish' for the project. The copy of the receipt of applications submitted to Kerala Fire Force and Pollution Control Board as well as Regional Town Planning office are attached as Annexure10.</p>

	<u>CHAPTER-4-B- STANDARD CONDITIONS</u>	
I	STATUTORY COMPLIANCE	
i	The project proponent shall obtain all necessary clearance / permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building bylaws.	This point is noted, and we will obtain all required approvals & clearances required for execution of the project. The construction will be done as per KMBR
ii	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightning etc.	The Structural Designs of the building will be done by reputed Structural Engineer as per BIS. The structural stability certificate issued by the engineer is attached as Annexure11 . NOC will be taken from Local Fire & Rescue authorities.
iii	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable for the project
iv	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable for the project.
v	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	Consent to establish from Kerala PCB obtained on 04/10/2021 for an area of 19951.09m ² commercial building. A copy of the said consent is attached as Annexure12 . A revised consent will be obtained from Kerala PCB for the area of 29950.21 m ² (which environmental clearance obtained for the project).
vi	The project proponent shall obtain the necessary permission for drawl of ground water /surface water required for the project from the competent authority.	Presently project does not require extraction of ground water. We will be obtaining permission from competent authority for extraction of ground water if required in future.
vii	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be	Kerala State Electricity Board is the agency for allocation and supply of power to the project. KSEB allocated 2500KVA power to the project through the letter number DB1/KSEB-NATKM/2021-22/68 dated

	obtained.	23/12/2021. The copy of the power allocation letter is attached as Annexure 13 .
viii	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities	We will obtain clearances from Chief Controller of Explosives, if diesel storage tank is required, Civil Aviation Department, if required and also from Fire & Rescue Department.
ix	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	All provisions of the Solid Waste Management; E-Waste Management and Plastic Waste Management Rules of the year 2016 will be followed for the project.
x	The project proponent shall follow the ECBC/ECBC- R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	The ECBC / ECBC – R prescribed by the Bureau of Energy Efficiency; Ministry of Power will be followed
II	AIR QUALITY MONITORING AND PRESERVATION	
i.	Notification GSR 94(E) dated 25.01.2018 of MoEF & CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	The Mandatory Implementation of Dust Mitigation Measures for Construction & Demolition Activities will be complied as per the Notification GSR 94(E) dated 25.01.2018 of MoEF&CC
ii	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	The Ambient Air Quality will be closely monitored periodically. Necessary preventive measures to be taken if any exceedance there
iii	The project proponent shall install system to carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	The Ambient Air Quality will be monitored through NABL accredited laboratory. The copy of the air quality monitored is attached as Annexure 14

iv	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	DG Sets will be Enclosed Type for better acoustics conforming to the Rules made under Environment Protection Act. The Chimney Stack height will be decided based on the combined capacity of all DG Sets. We will use low Sulphur diesel as available in the market. The locations of the DG Sets will be as approved by KPCB.
v	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust / wind breaking walls all around the site (at least 3-meter height). Plastic / tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	The construction site is barricaded as per the condition stated. The photograph of the barricading is attached as Annexure15 . We will ensure that vehicles bringing construction materials or taking out building debris prone to causing dust pollution are covered with plastic / tarpaulin sheets
vi.	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Stacks of sand, murrum, loose soil, cement, etc. stored at site will be covered adequately to prevent dust pollution.
vii	Wet jet shall be provided for grinding and stone cutting.	Wet jet will be provided for grinding and stone cutting.
viii.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Unpaved surfaces and loose soil shall be sprinkled adequately with water to suppress dust.
ix.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	No construction & demolition debris will be dumped on the roads or open spaces outside the site. These will be managed as per the provisions of the Construction & Demolition Waste Management Rules.
x	The diesel generator sets to be used during construction phase shall be low	We will ensure that the DG Sets shall be low Sulphur diesel type conforming to Environmental Protection

	Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	prescribed for air & noise emission standards.
xi	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low Sulphur diesel shall be used. The location of the DG Set, and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	The project proponent will ensure that: (a)The gaseous emissions from DG Sets shall be dispersed through adequate stack heights as per CPCB standards. (b)Acoustical enclosures shall be provided to the DG Sets to mitigate the noise pollution. (c) Low Sulphur diesel will be used. (d) the locations of DG Sets & exhaust pipe heights shall be as per the provisions of CPCB.
xii.	For indoor air quality the ventilation provisions as per National Building Code of India.	The equality of ventilation provisions will be provided as per National Building Code of India.
III	WATER QUALITY MONITORNG AND PRESERVATION	
i.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.	We will not obstruct the natural flow of drain system and no construction will be done to obstruct natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems will be allowed for maintaining the drainage pattern and to harvest rainwater.
ii.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Buildings will be designed with minimum cutting & filling so as to follow the natural topography as far as possible.
iii	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.	Separate water meter will be provided for monitoring the water usage from various sources. Th report showing the usage incorporating the water balance chart will be submitted to MoEF & CC through six monthly compliance report during operational phase.
iv.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water	PP will obtain a certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the

	allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	balance water available. This will be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
V.	At least 20% of the open spaces as required by the local building bylaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	PP will ensure that at least 20% of the open spaces as required by the building bylaws will be pervious. Requirement is noted.
vi.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking, and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Dual plumbing system will be provided for domestic and other recycled water.
vii.	Use of water saving devices / fixtures (viz low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.	The water saving devices & fixtures such as low flow systems, low flow faucets, tap aerators, etc. will be provided in the project to reduce the water consumption.
viii.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Separate grey and black water lines will be provided in the building sewage system. The water supply system will be dual plumbing system for recirculation lines and domestic water supply lines.
ix.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	In order to adopt best practices, RMC (Ready Mixed Concrete) and curing agents will be used for the construction works
x.	Rainwater harvesting recharge pits / storage tanks shall be provided for ground water recharging as per the CGWB norms.	The CGWB norms will be adopted for rainwater harvesting and ground water recharging system.
xi.	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent	Adequate capacity of rainwater harvesting will be provided. No ground water will be withdrawn without the approval from the Competent Authority.

	Authority.	
xii.	All recharges should be limited to shallow aquifer.	Noted. Whenever recharge is done it will be limited to shallow aquifer.
xiii.	No ground water shall be used during construction phase of the project.	Noted. No ground water will be used during construction phase of the project.
xiv.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	In case any ground water dewatering is done it will be properly managed and shall conform to the approvals and guidelines of the CGWA in the matter and formal approval will be taken from CGWA for any groundwater extraction or dewatering.
xv.	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	We will measure the quantity of freshwater usage, water recycling & rainwater harvesting and recorded to monitor water balance. This will be incorporated in the half yearly compliance report to MoEF & CC.
xvi.	Sewage shall be treated in the STP with tertiary treatment.	The Sewage Treatment Plant (STP) will be planned with tertiary treatment.
xvii.	No sewage or untreated effluent water would be discharged through storm water drains.	We confirm that no sewage or untreated effluent water will be discharged through storm water drains. In order to monitor the water quality of natural storm water drain adjacent to the plot, conducted water quality test through NABL accredited laboratory. The test results are attached as Annexure 16 for both upstream and downstream of the drain abutting the plot.
xviii.	Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and	We confirm that in-site sewage treatment having a capacity for treating 100% wastewater will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard will be submitted to the Ministry before the project is commissioned for operation. Treated wastewater will be reused on site for landscape, flushing, HVAC cooling tower, and other end-uses. Excess treated water will be discharged as per statutory norms notified by MoEF & CC. We will promote natural treatment systems.

	Climate Change. Natural treatment systems shall be promoted.	
xix.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	The quality of treated STP water will be monitored by conducting periodical tests during Operational phase and adequate measures will be taken to mitigate the odour.
xx.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewerage Treatment Systems, 2013.	Sludge from STP will be collected and disposed of as per Ministry of Urban Development, Central Public Health & Environmental Engineering Organization Manual on Sewerage and Sewerage Treatment Systems.
IV	NOISE MONITORING AND PREVENTION	
i.	Ambient noise levels shall conform to residential area / commercial area / industrial area / silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	Ambient noise level will be periodically monitored and adequate measures will be adopted to reduce ambient air and noise level during construction phase day and night, so as to conform to the stipulated standards by CPCB / SPCB and also to conform to Noise Pollution (Control & Regulation) Rules.
ii.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	The noise level survey conducted by NABL accredited laboratory on 29.03.2022 attached as Annexure 17
iii.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	All DG Sets will have acoustical enclosures. Noise barriers will be provided for ground-run bays and ear plugs for operating personnel as mitigation measures for noise impact.

V	Energy Conservation measures:	
i.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	We will ensure compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency. In Kerala State there is no notification of their own.
ii.	Outdoor and common area lighting shall be LED.	Noted and will be complied with. We will use LED Lights for outdoor & common area lighting.
iii.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Concept of passive solar design that minimizes energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design to the extent possible. Wall, window, and roof u-values will be as per ECBC specifications.
iv.	Energy conservation measures like installation of CFLs / LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Energy conservation measures like installation of CFLs / LED for lighting the area outside the building will form integral part of the project design and it will be in place before project commissioning.
v.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level / local building byelaws requirement, whichever is higher.	As per specific condition 10, solar energy will be 541kWp; which is more than 1% of demand load.
vi.	Solar power shall be used for lighting in the apartment to reduce the power load or grid. Separate electric meter shall be installed for solar power Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water. demand from solar water heaters, as far as possible.	Project will utilize maximum energy from solar plant of capacity 541kWp. There will be separate metering for solar energy for monitoring the usage.

VI	WASTE MANAGEMENT	
i.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W generated from project shall be obtained.	We will request the local Municipality to issue a certificate indicating the existing civic capacity of handling and their adequacy to cater the waste generated by from our project.
ii.	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Best practices/ technology shall be adopted for construction work so that the muck creation will be limited. We will ensure that disposal of muck during construction phase will not create any adverse effect on the neighboring communities and will be disposed after taking the necessary precautions for general safety and health aspects of people and only in approved sites.
iii.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Separate wet and dry bins will be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste will be segregated into wet garbage and inert materials.
iv.	Organic waste compost / Vermiculture pit / Organic Waste Converter within the premises with a minimum capacity of 0.3 kg / person / day must be installed.	Organic Waste Converter of adequate capacity will be installed within the premises.
v.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	All non-biodegradable waste will be handed over to authorized recyclers; we will have a written tie up with the authorized recyclers.
vi.	Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	All hazardous waste generated during construction phase will be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
vii.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	We will encourage use of environment friendly materials such as Fly Ash Bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, etc.
viii.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of	Fly ash will be used as building material in the construction as per the provision of Fly Ash Notification. Mostly we are using Ready mixed

	September 1999 and amended as on 27 August 2003 and 25th January 2016. Ready mixed concrete must be used in building construction.	concrete only.
ix.	Any wastes from construction and demolition activities related thereto, shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	All wastes from construction & demolition activities will be managed so as to strictly conform to the Construction & Demolition Waste Management Rules.
x.	Used CFLs and TFLs should be properly collected and disposed of / sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination.	Used CFLs and TFLs will be properly collected and disposed of as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination.
VII	GREEN COVER	
i.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Topsoil will be stacked separately and will be used for gardening.
VIII	TRANSPORT	
i.	A comprehensive mobility plan, as per MOUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.	Noted and will be implemented.
a.	Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.	Vehicular Traffic and Pedestrian Traffic will be segregated.
b.	Traffic calming measures.	Traffic calming measures will be taken.
c.	Proper design of entry and exit points.	Entry & Exit points will be designed properly, and permission will be taken from NHAI.
d.	Parking norms as per local regulation.	We will provide adequate parking as per local norms.
ii.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	We will ensure that: 1.Vehicles hired are in good condition. 2.Vehicles have Pollution Check Certificate conforming to applicable air & noise emission standards. 3.Trucks carrying construction materials will be operated during non-peak hours.

iii	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	We will arrange a detailed traffic management & traffic decongestion study and arrange to improve the traffic pattern. We will associate with the concerned departments for this.
IX	HUMAN HEALTH ISSUES	
i.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	All workers working at the construction site involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution will be provided with dust mask.
ii.	For indoor air quality the ventilation provisions as per National Building Code of India.	Ventilation Provisions as per National Building Code of India for indoor air quality will be provided.
iii	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be implemented. We will also plan occasional drill for evacuation.
iv.	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.	As the site is not suitable for labour colony, we are not allowing any labour to stay at site. We will ensure that the contractors make own arrangement nearby for labor colony near to the site; however, we will ensure that within the labor colony,necessary infrastructure & facilities such as fuel for cooking, toilets facilities, drinking water, health care, creche (If lady workers are employed), etc. are provided.

v.	Occupational health surveillance of the workers shall be done on a regular basis.	We will ensure that occupational health surveillance of the workers will be done on regular intervals.
vi.	A First Aid Room shall be provided in the project both during construction and operations of the project.	Noted and will be complied with. A well-equipped First Aid Room will be provided during construction & operation period.
X	MISCELLANEOUS	
i.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC / SEIAA website where it is displayed.	This is already done. Copies of paper cuttings are attached to the report at Annexure 18 .
ii	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copies of Environmental Clearance are submitted to the Municipality with a request to display the same. Copy of the receipt from Kottayam Municipality is attached as Annexure 19 .
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted. We will upload the status of compliance of the stipulated environment clearance conditions including results of monitored data on the website and update it on half yearly basis.
iv.	The project proponent shall submit six monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest, and Climate Change at environment clearance portal.	Noted. We will submit half yearly reports on the status of compliances of environmental conditions on the website of MoEF&CC.
v.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation. of the environmental forest wildlife norms conditions. The company shall have defined system of reporting	We will set up an Environment Monitoring Cell and they will look after all the requirements and any issue will be reported to higher management for corrective action / rectification. The company policy is to follow the best practice for Environmental Safety & Security. As the project is situated within the town and on the national highway possibility of violation of norms of wildlife, forest, etc. is less. The copy of the EMC meeting dated 08.01.2022

	infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	attached as Annexure 20 .
vi.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	This project is controlled / monitored directly by the Regional Head Office. The Environmental Cell Consists of 1. Mr. Sadik Kasim, Commercial Manager as Chairman; 2. Mr. Babu Varghese, Project Director as Member; 3. Mr. Paul K Olekkengil, General Manager as Member, 4. Mr. Midhun Chullickal, Legal Officer as Member and 5. Mr. Beshy Kuriakose Project Manager as Member Secretary.
vii.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six-Monthly Compliance Report.	The above Committee is responsible for implementation of EMP and Environmental Conditions. The responsibility matrix and other details are being worked out in consultation with top management.
viii.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	We confirm that we will submit the environmental statement for each financial year in Form-V to KPCB as prescribed under the Environment Protection Rules, 1986, as amended subsequently and will be posted on the website of Lulu. http://lulukottayam.in/
ix.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	We confirm that we will inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
x.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the	We confirm that we will strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

	State Government.	
xi.	The project proponent shall abide by all the commitments recommendations made in the EIA / EMP report and also that during their presentation to the Expert Appraisal Committee.	We will abide by all the commitments & recommendations made in the EIA / EMP reports and also during its presentation to the Expert Appraisal Committee.
xii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest, and Climate Change (MoEF&CC).	Noted. In case of any further expansion or modifications in the plant prior approval from MoEF & CC will be obtained.
xiii.	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions. Environment (Protection) Act, 1986.	Noted.
xiv.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xv.	The Ministry reserves the right to stipulate additional conditions if found necessary The Company in a time bound manner shall XV implement these conditions.	Noted.
xvi.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Noted. We will extend full support & cooperation to the Officers of the Regional Office by furnishing the requisite data, information and monitoring reports
xvii	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Art, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	

xviii	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	
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Babu Varghese
Project Director
13.06.2022



LuLu International Shopping Malls Pvt. Ltd.
 (formerly known as LuLu Group India Pvt Ltd)
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WORK ORDER

WO Ref No: KOTTAYAM/GREEN METHOD/WO/01
 February 15th. 2022.

M/s. Green Method Engineering (P) Ltd
 A KSPCB approved 'A Class' Consultant
 19/195A1, ATC Building, Moolepadam Nagar Road,
 HMT Junction, Kalamassery, Ernakulam,
 Kerala – 683104.

Dear Sirs,

Sub: - **STP WORKS FOR THE PROPOSED BUILDING FOR LULU AT KOTTAYAM, KERALA, INDIA.**

Ref: - 1. Your final priced BoQ received vide e-mail dated 14th February 2022.

1. We refer to the tender dated 31st March 2021 submitted by you for the captioned works and various correspondences & discussions and negotiations we had with you. As discussed and mutually agreed upon, we are pleased to advise that your negotiated offer for the above-mentioned works has been in principle accepted by us at a total amount of **Rs 1,77,12,456/- (Rupees One Crore Seventy-Seven Lakhs Twelve Thousand Four Hundred and Fifty-Six Only)** Inclusive of all taxes, GST and Warranty/DLP of 12 Months from the date of issuance of Taking Over Certificate. The above amount is inclusive of all taxes and duties like GST, ED, Port Clearances, Customs, any other taxes etc. whatsoever. Adjustments shall not be allowed in respect of any rate or price contained in the Contract Document for any fluctuation in the cost of labor, materials, equipment, services, whatsoever that may occur during the period of Contract. Labour Cess shall be taken care by M/s LuLu.

2. The Scope of the works are as defined in the Tender Documents are generally referred to without limitation as Design Coordination, Value Engineering, supply, timely delivery, quality testing & certification, material approval, installation, testing, commissioning, protection, handing over and attendance of defects during Defects Liability Period of the **STP WORKS FOR THE PROPOSED BUILDING FOR LULU AT KOTTAYAM, KERALA, INDIA** (the Works) as described and in coordination with other agencies engaged by the Employer. The GFC Drawings, Preambles to BoQ, Bill of Quantities, Conditions of Contract, Technical Specifications, responses to bid queries, addendums etc. are complementary to each other and you will carry out any missing items also, if it is required for satisfactory completion of works.

3. The time is the essence of the contract and you are requested to start the work at once, in consultation with the Project Manager of LuLu and proceed with due diligence, skill, workmanship, manpower, utmost care and meticulous vigil and complete the works in all respects in accordance with contractual requirements and to our satisfaction without causing / creating any unpleasant or dissatisfactory situation whatsoever. You are also please aware that the time mutually agreed for the completion of the entire works in all respects is strictly **10**



½ months, including mobilization period, which shall be reckoned from the 15.02.2022. however, it is explicitly agreed that;

- 3.1. Commencement Date shall be 15th February 2022.
- 3.2. Completion of design, shop drawings etc. shall be on or before 25th February 2022.
- 3.3. Completion of Works shall be on or before 31st December 2022.
- 3.4. A detailed works program complying with the above milestones, depicting Contractor's planned sequence of work in the approved format shall be submitted for approval by the Consultant/Employer within 15days.

You shall prepare a detailed construction program for all activities relating to the project indicating the time schedule keeping in view of the overall time of completion of the project. The liquidated damages (not as penalty) will be a 0.50% of the contract sum per week subject to a maximum of 5% of contract sum.

4. The contract shall be item fixed rates, re-measurable domestic contract, in accordance with the approved drawings, specifications, addendums, bid queries, Minutes of Meetings and BOQ for a probable amount of **Rs 1,77,12,456/- (Rupees One Crore Seventy-Seven Lakhs Twelve Thousand Four Hundred and Fifty-Six Only)** – Inclusive of all taxes, loading, transportation, unloading, stacking, storing, re-handling, etc. Labour Cess shall be taken care by LuLu. The rates quoted are firm and valid till completion of the entire works and no price escalation due to any reasons whatsoever will be entertained. The quantity mentioned in BoQ are tentative and any changes will be paid as per the above rate with the revised quantity. Adjustments shall not be allowed in respect of any rate or price contained in the Contract Document for any fluctuation in the cost of labor, materials, equipment, services, whatsoever that may occur during the period of Contract except those as mentioned under clause 9 of this agreement.

5. Terms of Payments shall be as per below.

5.1 - Supply Rate.		
Stage-1	Mobilization Advance	30% on total contract basic value as Mobilization Advance will be paid against suitable PDC as security; which will be recovered at the rate of 37.5% from the RA Bills.
Stage-2	Against Supply	70% of BOQ item supply rates on pro-rata basis against delivery of materials at site and upon quality and quantity are accepted by PM/OPM at site.
Stage-3	Against Installation	15% of BOQ item rates on pro-rata basis against installation at site.
Stage-4	Against T&C	10% of BOQ item rates on pro-rata basis against completion of Testing and Commissioning.
Stage-5	Against Over Handing	5% of BOQ item rates against completion of works in all aspects and issuance of taking over certificate.



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Roy M. Thomas

Manager

5.2 - Installation Rate.		
Stage-1	Mobilization Advance	30% on total contract basic value as Mobilization Advance will be paid against suitable PDC as security; which will be recovered at the rate of 37.5% from the RA Bills.
Stage-2	Against Installation	85% of BOQ item rates on pro-rata basis against installation at site.
Stage-3	Against T&C	10% of BOQ item rates on pro-rata basis against completion of Testing and Commissioning.
Stage-4	Against Handing Over	5% of BOQ item rates against completion of works in all aspects and issuance of taking over certificate.

5.3 Defect Liability Period (DLP): DLP shall be 36 Months from the date of issuance of Taking Over Certificate.

5.4 Performance Bank Guarantee (PBG): You shall furnish PBG for 5% of the total Contract value towards Performance Security within 15 days of issue of this Letter of Intent. PBG should be valid from the commencement till the issuance of Taking Over Certificate (TOC). PBG shall be returned on issuance of TOC.

5.5 Retention: Retention money will be deducted at the rate of 5% from each running RA bill. Out of the total accumulated retention money of 5%, 50% of the said amount will be released to the contractor against submission of equivalent amount of Retention Bank Guarantee (valid till DLP of 36 Months). The balance of 50% of the accumulated amount will be retained till successful completion of defects liability of 36 months or extended period if any.

5.6 CAR Policy & Third-party Insurance Policy: For an amount of 110 % of contract value.

5.7 Workmen's Compensation Policy: Rs.10 Lakhs for one incident with number of incidents being unlimited. Validity up to end of Defects Liability period.

Note: - All payments shall be further subject to applicable statutory withholdings/deductions and retention as per Contract. From each RA bill, recovery will be made towards TDS etc.
All the other terms and the conditions shall remain same as per the tender document and addendums.

6. Contract Documents: The following documents listed hereunder shall form part of the Contract as annexures. In the event of any inconsistency between the terms and conditions stipulated in this Work Order and other documents issued in connection with the Works, the hierarchy for the priority of documents shall be as follows;

- a. This Work Order.
- b. Preamble to Bill of Quantities.
- c. Bill of Quantities.
- d. Offered Tank Dimension details



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- e. Parameters – Compliances
- f. General Conditions of Contract.
- g. EHS Plan & Safety Code.
- h. The Drawings.

In case any conflict or contradiction may arise in the documents, the LuLu / Consultant Engineer shall decide on the most stringent requirements take precedence and instruct the Contractor accordingly. Any exclusion, qualification, condition made in the Contractor's Tender Offer, shall be considered as excluded and if any of the qualifications / exclusions from the Contractor, solely based on Tender Documents / requirements will prevail.

7. The works call for use of best quality materials and high standards of workmanship conforming to Contract Provisions, Bureau of Indian Standards, National Building Code, local KSEB norms and Best Engineering Practice and to our absolute satisfaction. All materials, goods and equipment absolutely and wholly free from any defects, deficiencies, repairs and liens and encumbrances, free from any material or structural defects and the best and the most suitable of their respective kinds of their intended uses and they shall strictly conform to the respective description set forth in the contract documents. Furthermore, all the materials used / to be used in the project shall be appraised by LuLu / our Architect / Consultant well in advance of incorporating them in the Project.

8. Consultants and Contractors: - It is hereby informed that M/s. Design Concepts Consulting Architect & Engineers is the Consultant, M/s. Desionics is the Sub MEP Consultant and M/s PMK Contractors Pvt Ltd is the Main Civil Contractor. At the commencement of the Work and from time to time, the Contractor shall co-operate with Main Contractor, Employer's other Contractors, Sub-Contractors, persons engaged on separate contracts in connection with the Project, Vendors, Consultants, Quantity Surveyor, Engineer and with the Employer's Representative for the purpose of the co-ordination and execution of various phases of the Project.

9. Variation: This being an item rate contract any variation in total value of the contract acceptable up to plus or minus 25%. In case there is any variation over and above +25%, the rates will be renegotiated based on market rates. All the RO items need to be renegotiated based on market actual rates and needs to be mutually agreed upon, whenever the value of the same exceeds Rs 1 Lakh against each RO item.

10. Non-tendered Items: For Any New Items for which Rates cannot be arrived from the existing BOQ, the rate of extra items will be arrived considering 15% profit & OH charges. i.e., Actual expense should be rate competitive (i.e. Material + Labour) + 15% OH & profit.

11. You shall take Insurance Policies covering your liability under Workmen Compensation Act, 1923, Minimum Wages Act 1948, ESI Act 1948, Provident Fund Act 1952, Contract Labour (Regulation and Abolition) Act, 1970 and under the other applicable and relevant labour legislations which cover the project. Also, please arrange to take out necessary Insurance Covers such as **CAR/EAR Policy [For an amount of 110 % of contract value], Third Party Liability [Rs.10 Lakhs for one incident with number of incidents being unlimited. Validity up to end of Defects Liability period]**, etc. The originals of all above Insurance and any other insurance as applicable as per the contract documents shall be submitted to Employer without fail and shall be retained by us. Such Policies shall be endorsed for the Project Contract and shall be operative till the completion of the project to our utmost satisfaction. In the event of any accident covered by these Policies, you shall forthwith pay compensation to the employees and other parties without waiting for payment due to be received by you from the insurer/ underwriters. You shall indemnify and keep Employer harmless from against all loss, claims, demands, action, liabilities and expenses suffered, incurred or sustained by Employer on any court. ~~The Contractor shall include the bank clause~~



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Roy M. Thomas

Manager

of the lending bank of the owner in all the insurance policies pertaining to this contract. The Contractor hereby unconditionally and categorically represents warrants and undertakes to the Owner that throughout the term of this Work Order it has all necessary licenses, permits, authorizations, approvals and / or consents to enter into all of its obligations under this Work Order and it shall comply with all relevant, applicable laws, regulations in respect of its obligations pursuant to this Work Order and that it has full capacity and authority to enter into and to perform this Work Order, Contractor shall without fail share with Owner copies of all such licenses, permits, authorizations and approvals which are current and unexpired without demand.

12. You shall not assign any part of the works to any other party without our consent. All sub-contractors appointed by you shall be strictly in accordance with the provisions of the contract documents and you shall seek our prior written approval of all your subcontractors and suppliers engaged in the works.

13. You and your subcontractors are requested to strictly adhere and comply with all the statutory rules, notifications, directives, regulations & requirements which are being issued from time to time. Upon any failure, the employer shall be authorized to make deductions from the bills and to withhold the same for mitigating the liability or to pay to the respective statutory authorities.

14. All workmanship shall conform strictly to the standards laid down in the contract documents and if no such standards are laid down, to the best accepted market standards of current professional construction and engineering practice and to our satisfaction and there shall not be any displeasure or discomfort in this regard on our part.

15. You shall deploy well qualified, experienced, skilled and competent Quality Engineer with sound and through knowledge about the project and with excellent expertise as per requirements of Quality Control Requirements laid down in the contract documents, to cover the supervision needs of the Project.

16. You, your subcontractors, nominated subcontractors and all your agencies and representatives shall comply with the safety precautions, protective measures, housekeeping requirements, etc. Our Site Engineer / ourselves with due intimation shall have the right to stop the work at site if in our opinion proceeding with the work will lead to an unsafe and dangerous condition. You shall ensure that all workmen deployed and employed by you at the site / for the project are aware about the nature of risk involved in their works and have adequate knowledge for carrying out their works safely. During the currency of the Work Order, the Owner is very particular about proper housekeeping of the construction sites and site offices, etc. and in case the Contractor fails to keep the construction sites, site offices, etc. hygienic, neat & tidy the Owner shall serve the notice to the Contractor requesting to upkeep the site, and even thereafter if the Contractor fails to set right the things in its proper order, Owner shall arrange for housekeeping and recover the cost thereof from the Contractor and the contractor shall not dispute or challenge the same.

17. The Contractor shall prepare a detailed construction programme for the activities relating to the scope of work indicating the time schedule keeping in view of the overall time of completion of the work. At any point of time if the Contractor fails to meet or achieve any of the requirements qualified in this Work Order, the Owner shall be entitled to terminate / pre-determine this Work Order with advance written notice of 30 (thirty) days and on the failure of the Contractor, Owner shall take over the works under this Work Order in partial and execute directly or through other agencies at the contractor's risk and cost, provided the Owner shall settle and pay the Contractor for the works executed and materials supplied as per the contract.



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Manager

18. The Contractor alone shall be liable for the death of or injury to any of its employee or other people who visit the site. The Contractor shall be bound by the laws in force at the time of any such occurrence. In case any accident occurs on the site/the property, the Contractor is obliged to immediately notify the owner and take necessary corrective measures. The ultimate liability to set right the things in such incidents vest with the Contractor and the Owner is not at all responsible for such events. For any action of Government like Police Departments, Contractor shall have to face the consequential situations and the Contractor alone is responsible, liable, accountable and answerable for any such lapse irregularity, omission, commission and fault.

19. The Contractor shall be liable for any loss or damage to the work under this Work Order and / or any assets or goods belonging to the Owner or a third party, caused by willful negligence of the Contractor.

20. If the Contractor or any of its employees or agents break / deface or destroy the property belonging to the Owner during the execution of the scope of the work, the same shall be made good by the Contractor at their own expense and in default thereof. The Owner may cause the same to be made good by other agencies and recover the expenses from the Contractor, even after the defect liability period.

21. The Contractor shall be responsible for fulfilling the laws, rules and regulations regarding the health and safety that are in effect at the time of the commencement of this Work Order. For such purpose the Contractor will sign, keep and place at the disposal of the relevant authorities all legally perceptible documents, more specifically the following:

- Occupational Risk Prevention Plan
- Risk Assessment and regular reports
- Planning of preventive measures
- Monitoring of the health conditions of the Contractor's employees and other people on the site and
- List of labour accidents and sicknesses that have made the employees, the workers, the representatives and other people temporarily incapacitated.

22. Contractor's Employees/Agents: The Contractor shall provide an employee on the site in connection with the execution of the works;

- Only such technical employees as are skilled with core competence, excellently trained and well experienced in their respective professions and trades and such sub-agents, foremen and leading hands as are competent to give proper supervision to those part of the works they are required to supervise,
- such skilled, semi-skilled and unskilled labour as is necessary for the proper and timely execution of the works
- any defective and unsatisfactory work with infirmity the Contractor alone is answerable and liable to the employee


23. Security/Fencing and Lighting: The Contractor shall be solely responsible for the security of the site including, without limitation, proper fencing, lighting, guarding, warning signs and watching of all the works on each section and part on the site, in accordance with the specifications. No naked light shall be used by the Contractor on the site, otherwise than in the open air.

24. Safety and protection of the Environment: The Contractor shall, throughout the execution of the works and the Defects Liability Period:

- have full regard for the safety of all persons entitled to be upon the site and keep the site (so far as the same is under its control) and the works (so far as the same are



For Green Method Engineering (P) Ltd


Roy M. Thomas Manager

not completed or occupied by the Owner) in an orderly state appropriate to the avoidance of danger to such persons: and

- take all reasonable steps to protect the environment on and off the site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of its methods of operation.

Following safety precautions shall have to be taken by the Contractor to protect the Corona Virus effect (i.e., COVID 19) for the Contractor's labour/staff

- providing all labour nose mask
- sanitization – 3 times / day / as per the requirements
- Thermal Scanning – 2 times / day
- Other PPE's like Safety Helmet, Shoes, Jackets, Hand Gloves etc
- Necessary documents maintain at site to ensure the above said PPE

25. Epidemics: In the event of any outbreak of illness of epidemic nature the Contractor shall comply with and carry out such Laws as may be made by the Government or other appropriate Authorities for the purpose of dealing with and overcoming such outbreak.

26. Amendment or Modifications:

No Amendment or Modification to this Work Order shall be valid and binding unless set forth in writing and duly executed by both the parties specifically referring to the provisions so amended and or modified.

27. Waiver:

No waiver of any provision of this Work Order or of any breach thereof shall be effective or binding unless made in writing and signed by the Party purporting to give the same and unless otherwise provided in the written waiver and it shall be limited to the specific matter waived.

28. Assignment:

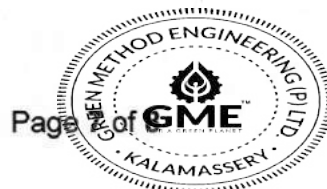
The contractor shall not assign or transfer its rights or obligations under this Work Order without the prior written consent of the owner.

29. Termination without reason / cause by Owner:

The Owner may at any time during the currency of this Work Order terminate this Work Order by giving 30 (Thirty) days' notice in writing to the Contractor without assigning any reason / cause whatsoever, provided the Owner shall settle and pay the Contractor for the works actually executed and materials supplied as per the contract. In case of termination by the Owner without reason as aforesaid, Contractor shall be paid on prorata basis for actual completed work strictly on the basis of measurement certified by Owner's Site Engineer pursuant to 'Clause 5: Payment Terms' of this Work Order supra.

30. Dispute Resolution and Arbitration:

All or any disputes or differences whatsoever between the parties arising out of this Work Order or relating to or touching the mutual rights and obligations of the parties shall be referred to a sole arbitrator to be appointed by the Owner under the provisions of Arbitration and Conciliation Act 1996 as amended. The arbitration proceedings shall be conducted at Cochin in English language. The award passed by the sole arbitrator shall be final. All the initial and subsequent expenses relating to the appointment and adjudication of the dispute by the arbitrator shall be equally borne by the parties. A mere reference to the sole arbitrator shall not entitle the Contractor from carrying out any of its duties and obligations under this Work Order.



For Green Method Engineering (P) Ltd

Roy M. Thomas

Manager

31. The construction, validity and performance of this Work Order shall be governed by and construed and interpretation thereof in accordance with Indian Law and the Courts at Kochi alone shall have jurisdiction over all the matters arising from this Work Order.

32. This Work Order shall constitute a binding contract between us. It is issued in duplicate and you are requested to sign, stamp, seal and return the duplicate to us as a token of your acceptance of the contract. This Work Order will supersede all previous correspondences and communications.

33. We look forward to a good working relationship for executing a quality job within the agreed time frame and to our expectations. Awaiting your excellent service and assuring you of our best co-operation always.

Thanking you.
Yours truly,



BABU VARGHESE
PROJECT DIRECTOR

Enclosure:

1. Preamble to Bill of Quantities.
2. Bill of Quantities (BoQ).
3. Tank Dimensions.
4. STP Parameters – Compliances.

CC: (1) Lulu Site Office (2) Accounts Department.


Acknowledgement

I, Roy M. Thomas in the capacity of Manager
duly authorized to sign for and on behalf of **M/s. Green Method** hereby confirm acceptance of the terms and conditions stipulated in this letter.

Signature & Stamp of Contractor

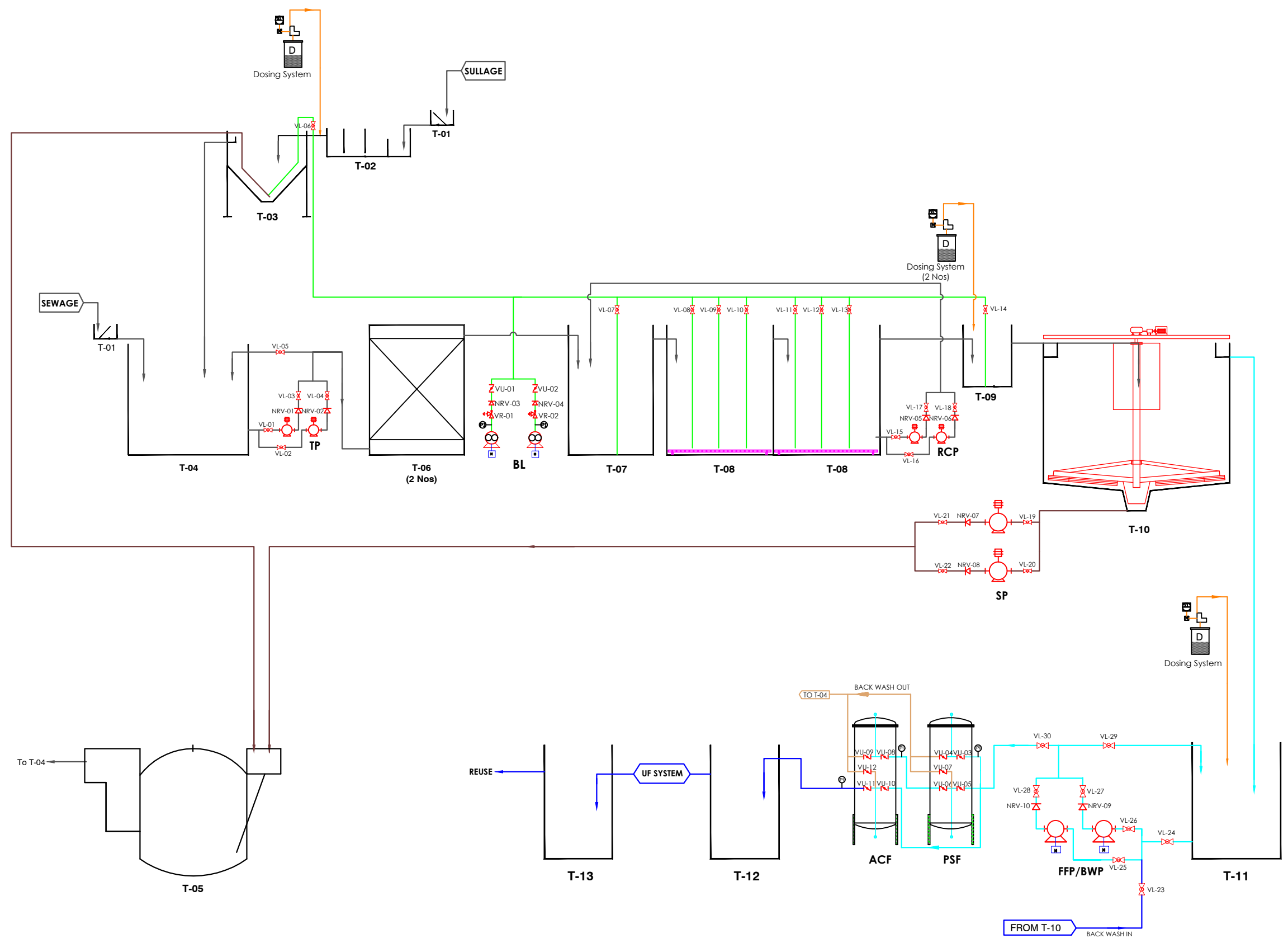
Date:

For Green Method Engineering (P) Ltd


Roy M. Thomas Manager



ANNEXURE NO - 2



MECHANICAL EQUIPMENTS			VALVES		
Code	Pumps	No.	Nt.	Cde	Items
TP	Transfer Pump	2	VL		Ball Valve
BL	Blower	2	NRV		Non Return Valve
FFP	Filter Feed Pump	2	PG		Pressure Gauge
SP	Sludge Pump	2	VU		Butterfly Valve
D	Dosing Pump	4	VR		Safety Valve
PSF	Pressure Sand Filter	1			
ACF	Activated Carbon Filter	1			

LINE CODES		
—	Waste water line	Air line
—	Secondary treated line	Dosing line
—	Clarified water line	Back wash out/Drain
—	Treated water line	Sludge line

LEGEND		
Tank No.	Description	Qty.
1	SCREEN CHAMBER	1
2	GRIT CUM OIL SEPARATOR	1
3	PRIMARY SETTLING TANK	1
4	EQUALIZATION TANK	1
5	SLUDGE DIGESTER	1
6	ANAEROBIC TANK	2
7	ANOXIC TANK	1
8	AERATION TANK (SPLIT INTO TWO)	1
9	FLOCCULATION TANK	1
10	CLARIFIER	1
11	FILTER FEED TANK	1
12	UF FEED TANK	1
13	TREATED WATER TANK	1

Rev No:	Date:
Rev 00	17/02/2021

Client	LULU MALL KOTTAYAM
Project:	160 CMD STP
Title:	P&I DRAWING

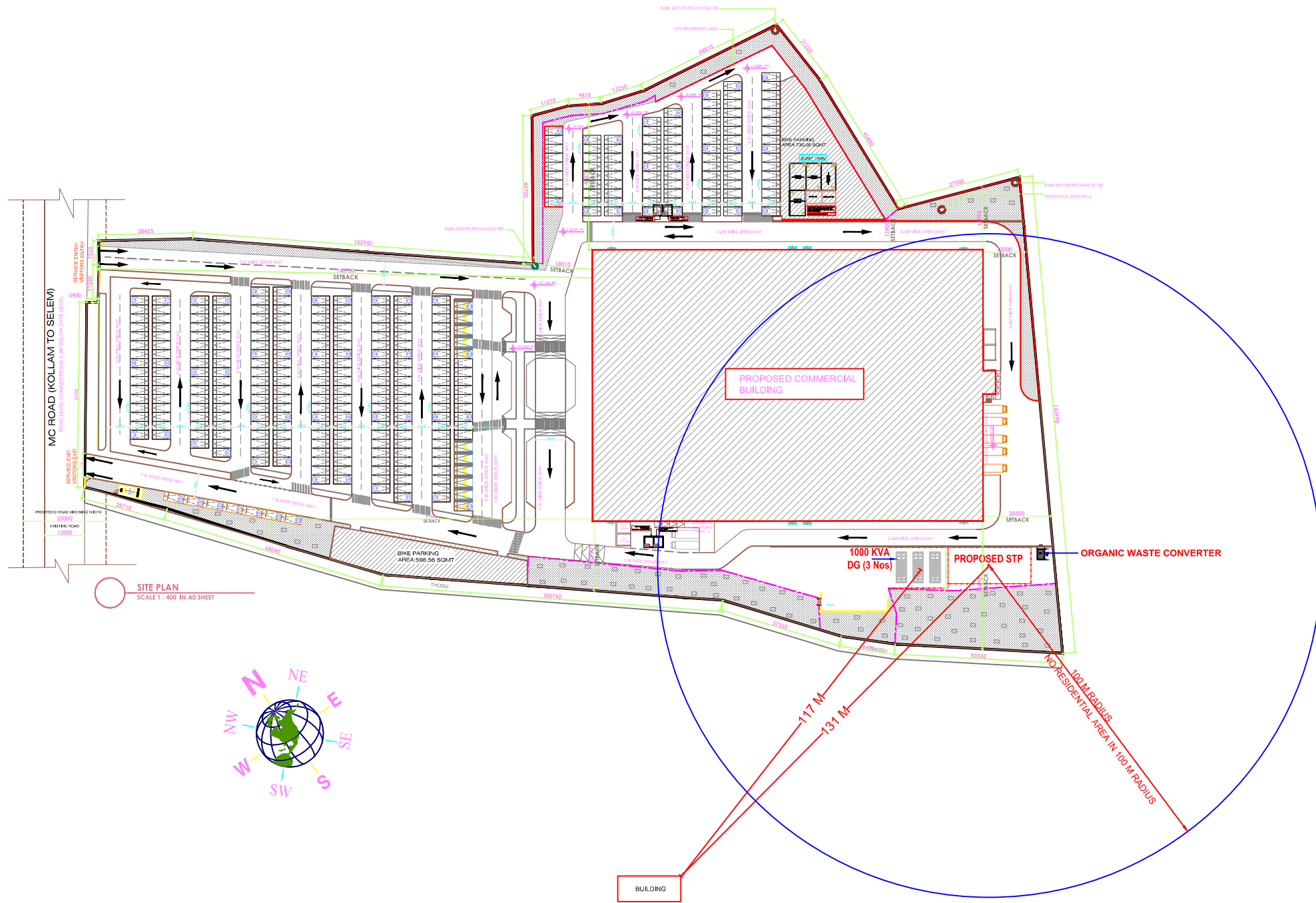
Green Method Engineering(P)Ltd.

19/195 A1, ATC Building
Moolapadam Nagar Road
HMT Jn, Kalamassery P.O
Kochi, Kerala 683104
Tel: +91 484 2555336
Fax: +91 484 2543985
Mob: +91 9745034922

GME
FOR A GREEN PLANET

An ISO 9001:2015, 14001:2015 certified company
Email: mail@greenmethodengineering.com Web: www.greenmethodengineering.com
An approved A Class consultant of KSPCB

Survey No : 352/12-1 , 352/12,352/13, 353/16,353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3-1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, 353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3-7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1-3, 354/ 1-2, 354/ 1-1-1, 354/1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5, 353/3-3,353/3-5,353/9,353/11, 353/18 ,353/17



Client:
COMMERCIAL BUILDING , KOTTAYAM
Title:
SITE PLAN

Site details

Village	Nattakam
Taluk	Kottayam
District	Kottayam



LOCATION PLAN
(NOT TO SCALE)

Scale : NTS

Rev No.	Date	Name	
Rev 00	06.07.21	Drawn	A.N
		Appd :	R.M.T

Green Method Engineering(P)Ltd.



19/195 A1,ATC Building
 Moolepadam Nagar Road
 HMT Jn, Kalamassery P.O
 Kochi, Kerala 683104
 Tel: +91 484 2555336
 Fax: + 91 484 2543985
 Mob: +91 9745034922

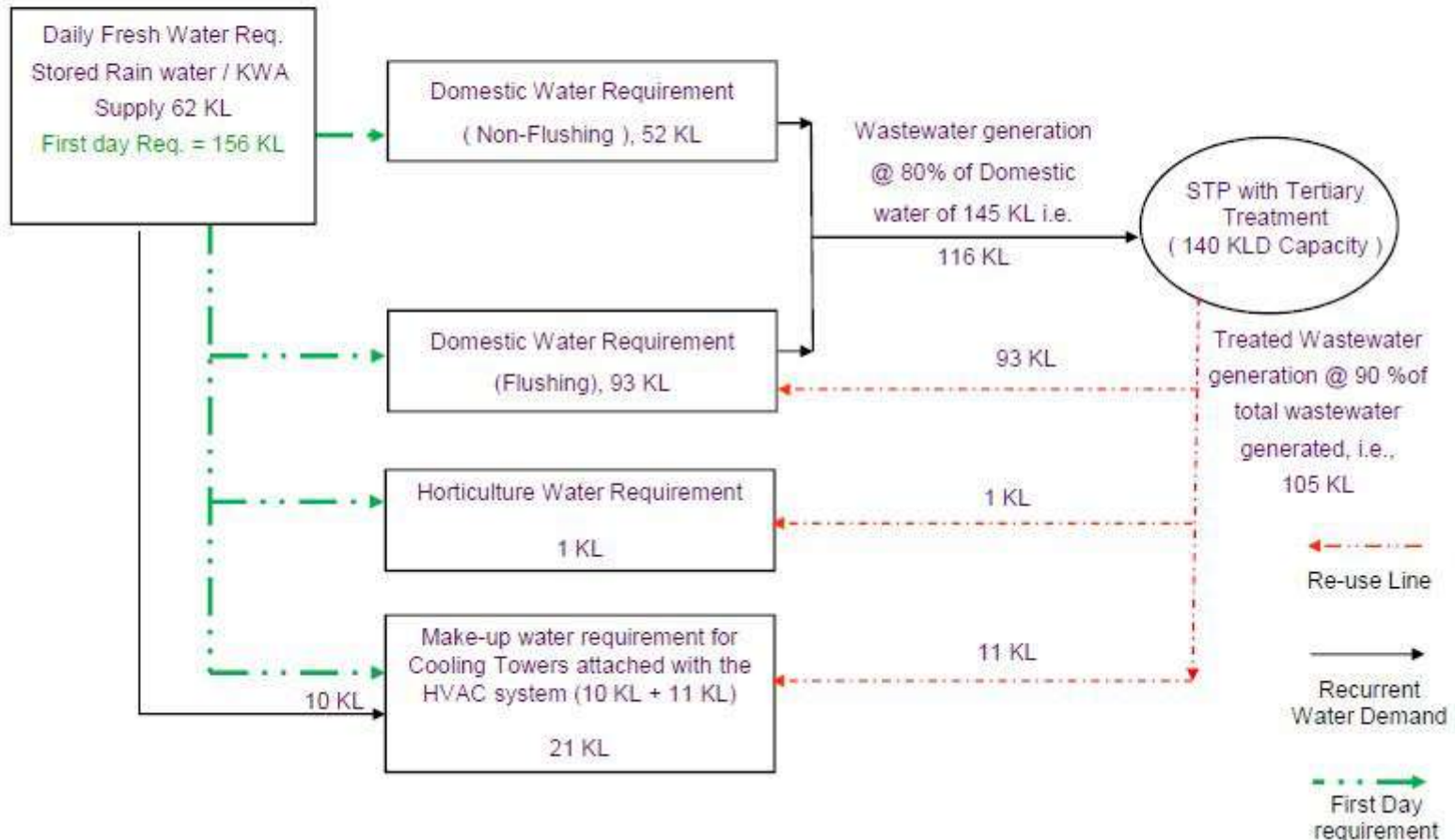
An ISO 9001:2015, 14001:2015 certified company
 Email:mail@greenmethodengineering.com Web:www.greenmethodengineering.com
 An approved A Class consultant of KSPCB

DAILY WATER BALANCE CHART

Total daily domestic water consumption = 145 KL (fresh 52 KL + 93 recycled)

Total daily sewage generation = 116 KL (80% of 145 KL)

Total daily treated water available from STP = 105 KL (90% of 116 KL)



LULU MALL KOTTAYAM LANDSAPE LAYOUT



01 SITE PLAN
SCALE 1 : 400 IN A0 SHEET



ANNEXURE NO.6

Tentative list of landscape plants

Sr. No.	Scientific Name	Malayalam Name
1.	<i>Aristolochia indica</i>	Eshwaramulla
2.	<i>Aristolochia tagala</i>	Karandavalli
3.	<i>Thottea siliquosa</i>	Alpam
4.	<i>Toddalia asiatica</i>	Kakkattutali
5	<i>Zanthoxylum rhetsa</i>	Mullilam
6	<i>Glycosmis arborea</i>	Paanal
7	<i>Melicope lunu-ankenda</i>	Kaattu Rubber
8	<i>Citrus spp</i>	Naarakam
9	<i>Atalantia racemosa</i>	Naivella
10	<i>Murraya koenigii</i>	Kariveppu
11	<i>Zingiber sp</i>	Inji
12	<i>Persea macrantha</i>	Kulamaavu
13	<i>Ixora coccinea</i>	Chethi
14	<i>Cinnamomum spp.</i>	Vazhana
15	<i>Litsea chinensis</i>	Ellukootti
16	<i>Polyalthia longifolia</i>	Aranamaram
17	<i>Uvaria narum</i>	Narum paanal
18	<i>Annona Sp.</i>	Aathachakka
19	<i>Bambusa arundinacea</i>	Mula
20	<i>Ochlandra travancorica</i>	Eetta
21	<i>Crateva adansonii</i>	Neermathalam

22	<i>Cassia fistula</i>	Kanikonna
23	<i>Cassia alata</i>	Aanathakara
24	<i>Cassia tora</i>	Chakrathakara
25	<i>Bauhinia racemosa</i>	Kovidaaram
26	<i>Melastoma malabathricum</i>	Athiraani
27	<i>Hygrophila auriculata</i>	Vayalchulli
28	<i>Caesalpinia sp.</i>	Chappangam
29	<i>Delonix regia</i>	Gulmohar
30	<i>Strobilanthes spp</i>	Kurinji
31	<i>Dendrophthoe falcata</i>	Ithilkanni
32	<i>Calotropis gigantea</i>	Erikku
33	<i>Cleome viscosa</i>	Manjavela
34	<i>Capparis zeylanica</i>	Karthotti
35	<i>Vigna sp.</i>	Payar
36	<i>Crataeva adansonii</i>	Neermathalam
37	<i>Dioscorea sp.</i>	Kaachil
38	<i>Cadaba fruticosa</i>	Kaattakathi
39	<i>Costus speciosa</i>	Channakkoova
40	<i>Calamus sp.</i>	Chooral
41	<i>Panicum sp.</i>	Pullu
42	<i>sp.</i>	Eenthappana
43	<i>Bambusa sp.</i>	Mula
44	<i>Passiflora edulis</i>	Passion fruit
45	<i>Passiflora foetida</i>	Poodappazham
46	<i>Flacourtia indica</i>	Loovika

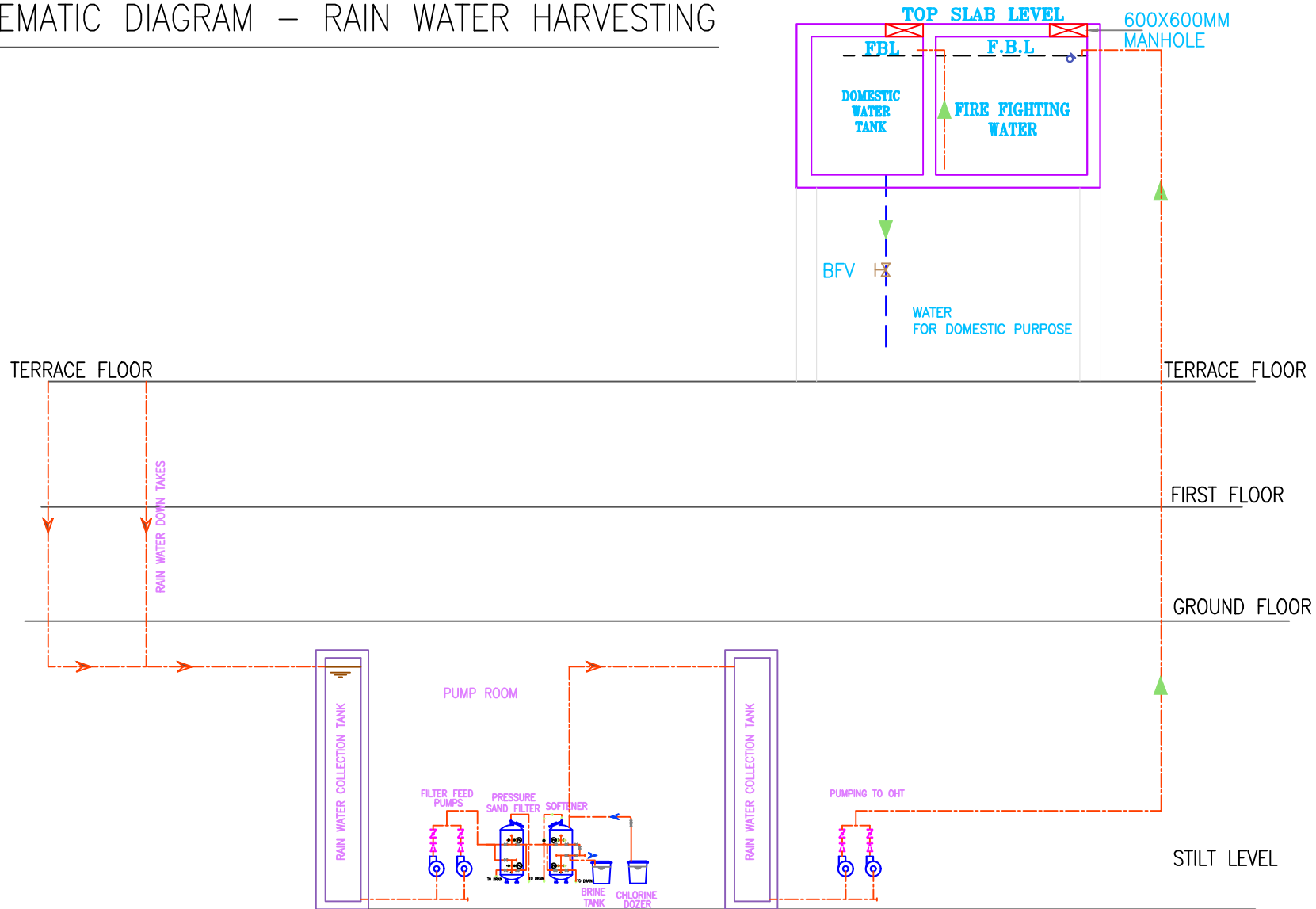
47	<i>Flacourtia</i>	Vayankatha
48	<i>Hydnocarpus pentandra</i>	Marotti
49	<i>Helicteres isora</i>	Idampiri valampiri
50	<i>Mussaenda frondosa</i>	Vellila
51	<i>Ochreinauclea missionis</i>	Aatuvañji
52	<i>Wattakaka volubilis</i>	Vattakkakkakodi
53	<i>Tinospora cordifolia</i>	Chitamruthu
54	<i>Acacia catechu</i>	Karingaali
55	<i>Adenantha pavonina</i>	Manjaadi
56	<i>Melastoma malabathricum</i>	Athiraani
57	<i>Pongamia pinnata</i>	Ungu
58	<i>Barleria cristata</i>	Parvathichedi
59	<i>Curcuma aromatica</i>	Kasthoorimanjal
60	<i>Asystasia sp.</i>	Murikoottippacha
	<i>Panicum sp.</i>	Pullu
	<i>sp.</i>	Eenthappana
	<i>Bambusa sp.</i>	Mula
	<i>Passiflora edulis</i>	Passion fruit
	<i>Passiflora foetida</i>	Poodappazham
	<i>Flacourtia indica</i>	Loovika
	<i>Flacourtia</i>	Vayankatha
	<i>Hydnocarpus pentandra</i>	Marotti
	<i>Helicteres isora</i>	Idampiri valampiri
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<i>Pongamia pinnata</i>	Ungu
<i>Barleria cristata</i>	Parvathichedi
<i>Curcuma aromatica</i>	Kasthoorimanjal
<i>Asystasia sp.</i>	Murikoottippacha
<i>Ixora coccinea</i>	Jungle geranium
<i>Clerodendrum paniculatum</i>	Pagoda Flower
<i>clerodendrum infortunatum</i>	Hill Glory
<i>Asclepias curassavica</i>	Scarlet Milkweed
<i>Lantana camara</i>	Common lantana
<i>Delonix regia</i>	Flame Tree
<i>Caesalpinia pulcherrima</i>	Peacock Flowe
<i>Calendula officinalis</i>	Marigold
<i>Zinnia elegans</i>	Zinnia
<i>Syzygium caryophyllatum</i>	South Indian
<i>Leucas aspera</i>	Common Leucas
<i>Stachytarpheta jamaicensis</i>	Blue Porterweed
<i>Stachytarpheta mutabilis</i>	Red Porterweed

LULU MALL KOTTAYAM

ANNEXURE 7

SCHEMATIC DIAGRAM – RAIN WATER HARVESTING





LuLu International Shopping Malls Pvt. Ltd.

(formerly known as LuLu Group India Pvt Ltd)

CIN : U52190KL2004PTC017414

Registered Office :

34 / 1000, N.H.47, Edappally, Kochi - 682 024, Kerala

Tel: +91 484 2727777 / 2727700

E-mail: lulukochi@luluindia.com

www.lulumall.in / www.lulugroupinternational.com

WORK ORDER

WO Ref No: LULU/KOTTAYAM/SOLAR/01
28th February 2022.

M/s URON,
A CleanTech Engineering and Management Company.
A-404, Privilon, B/h Iskcon Temple,
S.G. Highway, Ahmedabad,
Gujarat – 380054, India.

Dear Sirs,

Sub: - **SOLAR WORKS FOR THE PROPOSED BUILDING FOR LULU AT KOTTAYAM, KERALA, INDIA.**

Ref: - 1. Letter of Intent Ref No: LULU/KOTTAYAM/SOLAR/01 dtd 11.02.2022.
2. Your Final Contract price received vide E-Mail dated 11.02.2022.

1. We refer to the tender dated 14th January 2022 submitted by you for the captioned works and various correspondences & discussions and negotiations we had with you. As discussed and mutually agreed upon, we are pleased to advise that your negotiated offer for the above-mentioned works has been in principle accepted by us at a total amount of **INR 3,31,83,915/- (Rupees Three Crores Thirty-One Lakhs Eighty-Three Thousand Nine Hundred and Fifteen Only)** – Inclusive of all taxes and Warranty/DLP of 3 Years from the date of handing over. The above amount is inclusive of all taxes and duties like GST, Labour Cess etc. whatsoever. The above amount is inclusive of all taxes and duties like GST, ED, Port Clearances, Customs, any other taxes etc. whatsoever. Adjustments shall not be allowed in respect of any rate or price contained in the Contract Document for any fluctuation in the cost of labor, materials, equipment, services, whatsoever that may occur during the period of Contract.

2. The Scope of the works are as defined in the Tender Documents are generally referred to without limitation as Design Coordination, Value Engineering, supply, timely delivery, quality testing & certification, material approval, installation, testing, commissioning, protection, handing over and attendance of defects during Defects Liability Period of the **SOLAR WORKS FOR THE PROPOSED BUILDING FOR LULU AT KOTTAYAM, KERALA, INDIA.** (the Works) as described and in coordination with other agencies engaged by the Employer. The GFC Drawings, Preambles to BoQ, Bill of Quantities, Conditions of Contract, Technical Specifications, responses to bid queries, addendums etc. are complementary to each other and you will carry out any missing items also, if it is required for satisfactory completion of works.

3. The time is the essence of the contract and you are requested to start the work at once, in consultation with the Project Manager of LuLu and proceed with due diligence, skill, workmanship, manpower, utmost care and meticulous vigil and complete the works in all respects in accordance with contractual requirements and to our satisfaction without causing /

creating any unpleasant or dissatisfactory situation whatsoever. You are also please aware that the time mutually agreed for the completion of the entire works in all respects is strictly **12 months**, including mobilization period, which shall be reckoned from the **11.02.2022**. however, it is explicitly agreed that;

- 3.1. Commencement Date shall be from the date of issuance & confirmation of PO & advance whichever later.
- 3.2. Completion of design, shop drawings etc. shall be on or before 20th March 2022.
- 3.3. Supply of Solar Panels on or before 31st March 2022.
- 3.4. Completion Date shall be 12 months from the date of issuance of PO or advance, subject to readiness of site whichever later.
- 3.4. A detailed works program complying with the above milestones, depicting Contractor's planned sequence of work in the approved format shall be submitted for approval by the Consultant/Employer within 15days.

You shall prepare a detailed construction program for all activities relating to the project indicating the time schedule keeping in view of the overall time of completion of the project. The liquidated damages (not as penalty) will be a 0.50% of the contract sum per week subject to a maximum of 5% of contract sum.

4. The contract shall be item fixed rates, re-measurable domestic contract, in accordance with the approved drawings, specifications, addendums, bid queries, Minutes of Meetings and BOQ for a probable amount of **INR 3,31,83,915/- (Rupees Three Crores Thirty-One Lakhs Eighty-Three Thousand Nine Hundred and Fifteen Only)** – Inclusive of all taxes, loading, transportation, unloading, stacking, storing, re-handling, etc. The rates quoted are firm and valid till completion of the entire works and no price escalation due to any reasons whatsoever will be entertained. The quantity mentioned in BoQ are tentative and any changes will be paid as per the above rate with the revised quantity. Adjustments shall not be allowed in respect of any rate or price contained in the Contract Document for any fluctuation in the cost of labor, materials, equipment, services, whatsoever that may occur during the period of Contract except those as mentioned under clause 9 of this agreement.

5. Terms of Payments shall be as per below.

5.1a. For supply of Solar Modules - 100% against Letter of Credit (LC).

5.1b: Supply Rate. (For other items)		
Stage-1	Against Supply	90% of BOQ item supply rates on pro-rata basis against delivery of materials at site and upon quality and quantity are accepted by PM at site.
Stage-2	Against Installation	05% of BOQ item rates on pro-rata basis against installation at site.
Stage-3	Against Testing & Commissioning	5% of BOQ item rates on pro-rata basis against completion of Works, T&C, handing over & submission of RBG.

5.1c: Labour Rate.		
Stage-1	Against Installation	90% of BOQ item rates on pro-rata basis against installation at site.
Stage-2	Against Installation	05% of BOQ item rates on pro-rata basis against installation at site.
Stage-3	Against Testing & Commissioning	5% of BOQ item rates on pro-rata basis against completion of Works, T&C, handing over & submission of RBG.

5.2 Defect Liability Period (DLP) / Guarantee / Warranty: DLP shall be 36 Months from the date of issuance of Taking Over Certificate.

5.3. Performance Bank Guarantee (PBG): You shall furnish PBG for 5% of the total Contract value towards Performance Security within 15 days of issue of this Work Order. PBG should be valid from the commencement till the issuance of Taking Over Certificate (TOC). PBG shall be returned on issuance of TOC.

5.4. Retention: You shall furnish Retention Bank Guarantee - RBG for 5% of the final cumulative bill / total contract value along with the submission of final bill valid for 12 Months from the date of issuance of Taking Over Certificate.

5.5. Performance Deduction at first year (if any): The amount equivalent to the product of KSEB actual tariffs and the difference in minimum guaranteed generation values at first year and actual generated values shall be deducted from the CAMC charges.

Note: - All payments shall be further subject to applicable statutory withholdings/deductions and retention as per Contract. From each RA bill, recovery will be made towards TDS etc. All the other terms and the conditions shall remain same as per the tender document and addendums.

6. Contract Documents: The following documents listed hereunder shall form part of the Contract as annexures. In the event of any inconsistency between the terms and conditions stipulated in this Work Order and other documents issued in connection with the Works, the hierarchy for the priority of documents shall be as follows;

- a. This Work Order
- b. Bill of Quantities
- c. Technical Compliances.
- d. LOI Ref No: LULU/KOTTAYAM/SOLAR/01 dtd 11.02.2022.
- e. MoM Dtd 29.01.2022
- f. Preambles to BoQ.
- g. GCC.
- h. Safety Code.

In case any conflict or contradiction may arise in the documents, the LuLu / Consultant Engineer shall decide on the most stringent requirements take precedence and instruct the Contractor accordingly. Any exclusion, qualification, condition made in the Contractor's Tender

Offer, shall be considered as excluded and if any of the qualifications / exclusions from the Contractor, solely based on Tender Documents / requirements will prevail.

7. The works call for use of best quality materials and high standards of workmanship conforming to Contract Provisions, Bureau of Indian Standards, National Building Code, local KSEB norms and Best Engineering Practice and to our absolute satisfaction. All materials, goods and equipment absolutely and wholly free from any defects, deficiencies, repairs and liens and encumbrances, free from any material or structural defects and the best and the most suitable of their respective kinds of their intended uses and they shall strictly conform to the respective description set forth in the contract documents. Furthermore, all the materials used / to be used in the project shall be appraised by LuLu / our Architect / Consultant well in advance of incorporating them in the Project.

8. Consultants and Contractors: - At the commencement of the Work and from time to time, the Contractor shall co-operate with Main Contractor, Employer's other Contractors, Sub-Contractors, persons engaged on separate contracts in connection with the Project, Vendors, Consultants, Quantity Surveyor, Engineer and with the Employer's Representative for the purpose of the co-ordination and execution of various phases of the Project.

9. Variation: This being an item rate contract any variation in total value of the contract acceptable up to plus or minus 25%. In case there is any variation over and above +25%, the rates will be renegotiated based on market rates. All the RO items need to be renegotiated based on market actual rates and needs to be mutually agreed upon, whenever the value of the same exceeds Rs 1 Lakh against each RO item.

10. Non-tendered Items: For Any New Items for which Rates cannot be arrived from the existing BOQ, the rate of extra items will be arrived considering 15% profit & OH charges. i.e., Actual expense should be rate competitive (i.e. Material + Labour) + 15% OH & profit.

11. You shall take Insurance Policies covering your liability under Workmen Compensation Act, 1923, Minimum Wages Act 1948, ESI Act 1948, Provident Fund Act 1952, Contract Labour (Regulation and Abolition) Act, 1970 and under the other applicable and relevant labour legislations which cover the project. Also, please arrange to take out necessary Insurance Covers such as **CAR/EAR Policy [For an amount of 110 % of contract value], Third Party Liability [Rs.10 Lakhs for one incident with number of incidents being unlimited. Validity up to end of Defects Liability period]**, etc. The originals of all above Insurance and any other insurance as applicable as per the contract documents shall be submitted to Employer without fail and shall be retained by us. Such Policies shall be endorsed for the Project Contract and shall be operative till the completion of the project to our utmost satisfaction. In the event of any accident covered by these Policies, you shall forthwith pay compensation to the employees and other parties without waiting for payment due to be received by you from the insurer/ underwriters. You shall indemnify and keep Employer harmless from against all loss, claims, demands, action, liabilities and expenses suffered, incurred or sustained by Employer on any court. The Contractor shall include the bank clause of the lending bank of the owner in all the insurance policies pertaining to this contract. The Contractor hereby unconditionally and categorically represents warrants and undertakes to the Owner that throughout the term of this Work Order it has all necessary licenses, permits, authorizations, approvals and / or consents to enter into all of its obligations under this Work Order and it shall comply with all relevant, applicable laws, regulations in respect of its obligations pursuant to this Work Order and that it has full capacity and authority to enter into and to perform this Work Order, Contractor shall without fail share with Owner copies of all such licenses, permits, authorizations and approvals which are current and unexpired without demand.

12. You shall not assign any part of the works to any other party without our consent. All sub-contractors appointed by you shall be strictly in accordance with the provisions of the contract documents and you shall seek our prior written approval of all your subcontractors and suppliers engaged in the works.

13. You and your subcontractors are requested to strictly adhere and comply with all the statutory rules, notifications, directives, regulations & requirements which are being issued from time to time. Upon any failure, the employer shall be authorized to make deductions from the bills and to withhold the same for mitigating the liability or to pay to the respective statutory authorities.

14. All workmanship shall conform strictly to the standards laid down in the contract documents and if no such standards are laid down, to the best accepted market standards of current professional construction and engineering practice and to our satisfaction and there shall not be any displeasure or discomfort in this regard on our part.

15. You shall deploy well qualified, experienced, skilled and competent Quality Engineer with sound and through knowledge about the project and with excellent expertise as per requirements of Quality Control Requirements laid down in the contract documents, to cover the supervision needs of the Project.

16. You, your subcontractors, nominated subcontractors and all your agencies and representatives shall comply with the safety precautions, protective measures, housekeeping requirements, etc. Our Site Engineer / ourselves with due intimation shall have the right to stop the work at site if in our opinion proceeding with the work will lead to an unsafe and dangerous condition. You shall ensure that all workmen deployed and employed by you at the site / for the project are aware about the nature of risk involved in their works and have adequate knowledge for carrying out their works safely. During the currency of the Work Order, the Owner is very particular about proper housekeeping of the construction sites and site offices, etc. and in case the Contractor fails to keep the construction sites, site offices, etc. hygienic, neat & tidy the Owner shall serve the notice to the Contractor requesting to upkeep the site, and even thereafter if the Contractor fails to set right the things in its proper order, Owner shall arrange for housekeeping and recover the cost thereof from the Contractor and the contractor shall not dispute or challenge the same.

17. The Contractor shall prepare a detailed construction programme for the activities relating to the scope of work indicating the time schedule keeping in view of the overall time of completion of the work. At any point of time if the Contractor fails to meet or achieve any of the requirements qualified in this Work Order, the Owner shall be entitled to terminate / pre-determine this Work Order with advance written notice of 30 (thirty) days and on the failure of the Contractor, Owner shall take over the works under this Work Order in partial and execute directly or through other agencies at the contractor's risk and cost, provided the Owner shall settle and pay the Contractor for the works executed and materials supplied as per the contract.

18. The Contractor alone shall be liable for the death of or injury to any of its employee or other people who visit the site. The Contractor shall be bound by the laws in force at the time of any such occurrence. In case any accident occurs on the site/the property, the Contractor is obliged to immediately notify the owner and take necessary corrective measures. The ultimate liability to set right the things in such incidents vest with the Contractor and the Owner is not at all responsible for such events. For any action of Government like Police Departments, Contractor shall have to face the consequential situations and the Contractor alone is responsible, liable, accountable and answerable for any such lapse irregularity, omission, commission and fault.

19. The Contractor shall be liable for any loss or damage to the work under this Work Order and / or any assets or goods belonging to the Owner or a third party, caused by willful negligence of the Contractor.

20. If the Contractor or any of its employees or agents break / deface or destroy the property belonging to the Owner during the execution of the scope of the work, the same shall be made good by the Contractor at their own expense and in default thereof. The Owner may cause the same to be made good by other agencies and recover the expenses from the Contractor, even after the defect liability period.

21. The Contractor shall be responsible for fulfilling the laws, rules and regulations regarding the health and safety that are in effect at the time of the commencement of this Work Order. For such purpose the Contractor will sign, keep and place at the disposal of the relevant authorities all legally perceptible documents, more specifically the following:

- Occupational Risk Prevention Plan
- Risk Assessment and regular reports
- Planning of preventive measures
- Monitoring of the health conditions of the Contractor's employees and other people on the site and
- List of labour accidents and sicknesses that have made the employees, the workers, the representatives and other people temporarily incapacitated.

22. Contractor's Employees/Agents: The Contractor shall provide an employee on the site in connection with the execution of the works;

- Only such technical employees as are skilled with core competence, excellently trained and well experienced in their respective professions and trades and such sub-agents, foremen and leading hands as are competent to give proper supervision to those part of the works they are required to supervise,
- such skilled, semi-skilled and unskilled labour as is necessary for the proper and timely execution of the works
- any defective and unsatisfactory work with infirmity the Contractor alone is answerable and liable to the employee

23. Security/Fencing and Lighting: The Contractor shall be solely responsible for the security of the site including, without limitation, proper fencing, lighting, guarding, warning signs and watching of all the works on each section and part on the site, in accordance with the specifications. No naked light shall be used by the Contractor on the site, otherwise than in the open air.

24. Safety and protection of the Environment: The Contractor shall, throughout the execution of the works and the Defects Liability Period:

- have full regard for the safety of all persons entitled to be upon the site and keep the site (so far as the same is under its control) and the works (so far as the same are not completed or occupied by the Owner) in an orderly state appropriate to the avoidance of danger to such persons: and
- take all reasonable steps to protect the environment on and off the site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of its methods of operation.

Following safety precautions shall have to be taken by the Contractor to protect the Corona Virus effect (i.e., COVID 19) for the Contractor's labour/staff

- providing all labour nose mask
- sanitization – 3 times / day / as per the requirements

- Thermal Scanning – 2 times / day
- Other PPE's like Safety Helmet, Shoes, Jackets, Hand Gloves etc
- Necessary documents maintain at site to ensure the above said PPE

25. Epidemics: In the event of any outbreak of illness of epidemic nature the Contractor shall comply with and carry out such Laws as may be made by the Government or other appropriate Authorities for the purpose of dealing with and overcoming such outbreak.

26. Amendment or Modifications:

No Amendment or Modification to this Work Order shall be valid and binding unless set forth in writing and duly executed by both the parties specifically referring to the provisions so amended and or modified.

27. Waiver:

No waiver of any provision of this Work Order or of any breach thereof shall be effective or binding unless made in writing and signed by the Party purporting to give the same and unless otherwise provided in the written waiver and it shall be limited to the specific matter waived.

28. Assignment:

The contractor shall not assign or transfer its rights or obligations under this Work Order without the prior written consent of the owner.

29. Termination without reason / cause by Owner:

The Owner may at any time during the currency of this Work Order terminate this Work Order by giving 30 (Thirty) days' notice in writing to the Contractor without assigning any reason / cause whatsoever, provided the Owner shall settle and pay the Contractor for the works actually executed and materials supplied as per the contract. In case of termination by the Owner without reason as aforesaid, Contractor shall be paid on prorata basis for actual completed work strictly on the basis of measurement certified by Owner's Site Engineer pursuant to 'Clause 5: Payment Terms' of this Work Order supra.

30. Dispute Resolution and Arbitration:

All or any disputes or differences whatsoever between the parties arising out of this Work Order or relating to or touching the mutual rights and obligations of the parties shall be referred to a sole arbitrator to be appointed by the Owner under the provisions of Arbitration and Conciliation Act 1996 as amended. The arbitration proceedings shall be conducted at Cochin in English language. The award passed by the sole arbitrator shall be final. All the initial and subsequent expenses relating to the appointment and adjudication of the dispute by the arbitrator shall be equally borne by the parties. A mere reference to the sole arbitrator shall not entitle the Contractor from carrying out any of its duties and obligations under this Work Order.

31. The construction, validity and performance of this Work Order shall be governed by and construed and interpretation thereof in accordance with Indian Law and the Courts at Kochi alone shall have jurisdiction over all the matters arising from this Work Order.

32. This Work Order shall constitute a binding contract between us. It is issued in duplicate and you are requested to sign, stamp, seal and return the duplicate to us as a token of your acceptance of the contract. This Work Order will supersede all previous correspondences and communications.

33. We look forward to a good working relationship for executing a quality job within the agreed time frame and to our expectations. Awaiting your excellent service and assuring you of our best co-operation always.

Thanking you.
Yours truly,



BABU VARGHESE
PROJECT DIRECTOR

Enclosure:

- Bill of Quantities
- Technical Compliances.
- LOI Ref No: LULU/KOTTAYAM/SOLAR/01 dtd 11.02.2022.
- MoM Dtd 29.01.2022
- Preambles to BoQ.
- GCC.
- Safety Code.

CC: (1) Lulu Site Office (2) Accounts Department.

Acknowledgement

I, in the capacity of
duly authorized to sign for and on behalf of **M/s. Uron** hereby confirm acceptance of the
terms and conditions stipulated in this letter.

Signature & Stamp of Contractor

Date:

State Pollution Control Board, KERALA

Receipt No.	53007980
Depositor Name	Nishad M A
Bank Name.	NA
Bank Id.	EF7
Application No.	17683518
Name and Address of Industry	Commercial Complex at Kottayam, Office at Express Motors M.C Road Opposite Nippon Toyota Nattakam Kottayam , KOTTAYAM, KOTTAYAM
Name of Regional Office	DO KTM
Applied For	CTE - AIR/WATER/HWM - EXPAN
Payment Date	25-05-2022
Payment Details	
Total Amount Paid (Rs.)	243250
Transaction Status	Successfully Completed
Print	



Kerala Fire & Rescue Services <nockfrs@gmail.com>

To ○ Beshy Kuriakose

ⓘ If there are problems with how this message is displayed, click here to view it in a web browser.
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

✘ Right-click or tap and hold here to download pictures. To help protect your privacy, Outlook prevented automatic

Fire & Rescue Department – Application Submitted successfully

Dear LULU INTERNATIONAL SHOPPING MALLS PVT LTD,

Your Requested NOC Application Submitted with Application No: FRS/05/KTYM/9077/2022/SITE. Use this App.No for further enquiries.-FRSNOC

Click here to go to site

Thanks & Regards

NOC PORTAL | DEPARTMENT OF FIRE & RESCUE SERVICES | KERALA

✘ Right-click or tap and hold here to download pictures. To help protect your privacy, Outlook prevented automatic

കൈപ്പറ്റ് രസീതിന്റെ മാതൃക

നമ്പർ.....

ഓഫീസിന്റെ പേര് LSCAD Planning
സ്ഥലം Kottayam
തീയതി 28.5.22

താങ്കളുടെ 26.05.22 തീയതിയിലെ ലാറ്റർ (വിഷയം) സംബന്ധിച്ച് പരാതി/നിവേദനം/അപേക്ഷ കൈപ്പറ്റിയിരിക്കുന്നു. ആയതിന്മേലുള്ള തീരുമാനം എത്രയുംവേഗം താങ്കളെ അറിയിക്കുന്നതാണ്. ഇതിന്മേൽ തുടന്നുള്ള അന്വേഷണങ്ങൾക്ക് 0481-2564160 എന്ന ഈ ഓഫീസ് നമ്പറിൽ ബന്ധപ്പെടാവുന്നതാണ്.

GCPT.3/273/2009/DTP


28/5/22



നവകമ്പോള ഉദ്യോഗസ്ഥന്റെ ഒപ്പ്



Date: 30.05.2022

STRUCTURAL STABILITY CERTIFICATE

This is to certify that the proposed building complex of Lulu International Shopping Malls Pvt. Ltd. at survey numbers 352/12-1, 352/12, 352/13, 353/16, 353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3-1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, 353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3-7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1-3, 354/1-2, 354/1-1-1, 354/1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5, 353/3-3, 353/3-5, 353/9, 353/11, 353/18, 353/17 at Nattakam village of Kottayam Thaluk, Kerala in Kottayam Municipal Corporation is structurally designed by myself based on the architectural plan submitted to the concerned development authority. The building complex includes Stilt level + Ground Floor + 1Floor for shopping mall + terrace floor for staff facilities, attached Stilt level + 3 floor + terrace Multilevel Car Parking, Ground only Utility buildings and compound wall around the property.

The structure of the proposed shopping Mall building is reinforced concrete framed structure with columns and lift core wall suitably placed with beam slab framing system and for Multilevel Cap park is Flat slab structural system and is complying with Bureau of Indian Standard norms, regulations and the design is safe and suitable for the purpose for which it is intended.

The building is designed in accordance with relevant Indian standard codes including IS 456-2000, IS 875 (Part 01 to 05) and seismic code IS1893 (part 1) 2016. The structure falls under seismic zone III. The building foundation is pile foundation, designed based on the site specific Soil Investigation report.

For Design Concepts



Abin Bobby (M-Tech Structural Engineer)

FILE NO. :PCB/HO/O21KOT271215/2021

Date of issue :12/08/2021



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. :15867438

Dated:07-07-2021

TO

**M/s COMMERCIAL COMPLEX AT KOTTAYAM
Office at Express Motors,M.C Road, Opposite Nippon Toyota,
Nattakam,
Kottayam-686013.**

Consent No. :PCB/HO/KTM/ICE/02/2021

Valid Upto :31/07/2026

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	31/07/2026
2	Name and Address of the establishment	COMMERCIAL COMPLEX AT KOTTAYAM OFFICE AT EXPRESS MOTORS M.C ROAD OPPOSITE NIPPON TOYOTA NATTAKAM KOTTAYAM 686013
3	Communication	Telephone :0484-2727700 Fax :- E-mail:lulukochi@luluindia.com
4	Occupier Details	Nishad M.A Director & CEO LuLu International Shopping Malls Pvt. Ltd. 34/1000, N.H47, Edapally-682024
5	Local Body	Kottayam Municipality
6	Survey Number	As per Annexure
7	Village	Nattakam
8	Taluk	KOTTAYAM
9	District	Kottayam
10	Capital Investment(Rs in Lakhs)	Rs.3795 lakh
11	Scale	Large
12	Category	RED
13	Annual fee(Rs)	Rs.1,56,000/-
	Total Fee remitted(Rs)	Rs.7,94,250/-
14	Activity	Establishing commercial Building Having G+1+Terrace floors; Total built-up area-19950 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 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 : 160 KLD
- 2.3 Effluent Generation : 144 KLD
- 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	-
2	BOD	mg/l	3	-
3	SS	mg/l	10	-
4	Oil & Grease	mg/l	1	-

2.5 Mode of disposal of treated effluent : Reuse to the maximum extent and balance to soak pit

3. CONDITIONS AS PER

The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

Stack No.	Sources of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	
1	1000 KVA D.G.set (3 nos)	-	-	6.5 m	Acoustic enclosure

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm3)
--------	-----------	-----------------------------

4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

- 4.1 The construction activities shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.
- 4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001
- 4.3 e-waste shall be disposed off safely as per E-Waste (Management) Rules, 2016.

5. ADDITIONAL CONDITIONS

5.1. This consent is granted subject to the power of the Board to review and make variations in all or any of the conditions as per section 21 of the Air (Prevention and Control of Pollution) Act 1981 and section 25 of the Water (Prevention and Control of pollution) Act 1974.

5.2. At the end of the validity period if the construction is in progress, the same shall be got renewed. If the construction is not started in the consent period, the applicant shall apply afresh for consent to establish.

5.3. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.

5.4. Consent to Operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 shall be obtained by the builder before commissioning the project. The date of commissioning of the project shall be intimated at least one month in advance to the District Office of the Board.

5.5. Water & energy conservation measures shall be adopted. Renewable source of energy namely solar energy shall be utilized.

5.6. Adequate safety measures shall be provided in accordance with fire safety regulation.

5.7. No excavation of soil shall be carried out without adequate dust mitigation measures in place.

5.8. No loose soil or sand or Construction & Demolition Waste or any other construction material that causes dust shall be left uncovered.

5.9. Dust mitigation measures shall be displayed prominently at the construction site.

5.10. Grinding and cutting of building materials in open area shall be prohibited.

5.11. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.

5.12. No uncovered vehicles carrying construction material and waste shall be permitted.

5.13. Construction and Demolition Waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site.

5.14. DG set shall be provided with acoustic enclosure and a chimney of height $0.2 \times \sqrt{\text{kVA}}$ above roof level or 2m above the highest nearby building and at a minimum distance of $\sqrt{\text{kVA}/2}$ from the nearest residential building/educational institutions/hospitals/place of worship/public offices.

5.15. The construction camp shall have a well maintained waste management system and sewage and effluent shall be treated to meet the standards. The solid waste and debris from the construction shall be disposed without causing environmental problems. The dredging shall be carried out without causing significant disturbance to the back water system, if any.

5.16. The area near the boundary and the buildings and the set back shall be utilized for the development of green belt.

5.17. Arrangements shall be provided for rainwater harvesting before commissioning.

5.18. Natural drainage of the area shall be protected.

5.19. Sewage treatment plant shall be constructed above ground level/cellar of the establishment. Sewage treatment plant (STP) shall be set up maintaining a minimum distance of $10 \log Q$ (where Q is the discharge of waste water in m^3/day) from the nearest residence/education institution/public office/hospital/place of worship/ similar establishments.

5.20. There shall be easy access to each and every treatment unit for inspection. Sufficient sampling points shall be provided to facilitate collection of samples. Lighting arrangements shall be provided in the sewage treatment plant area.

5.21. TOD type energy meter shall be installed exclusively for sewage treatment plant. Water meter shall be fixed to record consumption of water.

5.22. Each and every sewage treatment unit shall be labelled.

5.23. Any of the following facility of adequate capacity shall be provided for the proper solid waste management; (a) Biogas plant/Highrate bio reactor (b) Biobins/portable biobins (c)Centralized masonrybiotanks (d)Aerobic ferro-cement bins

SREEKALA S

Digitally signed by SREEKALA S
Date: 2021.08.12 13:08:47 +05'30'

DATE :12/08/2021

SIGNATURE & SEAL OF ISSUING AUTHORITY
MEMBER SECRETARY



To

Shri. Nishad M A,
Director and CEO,
34/1000,
N.H-47,
Edapally-682024.

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

SY.NOS.

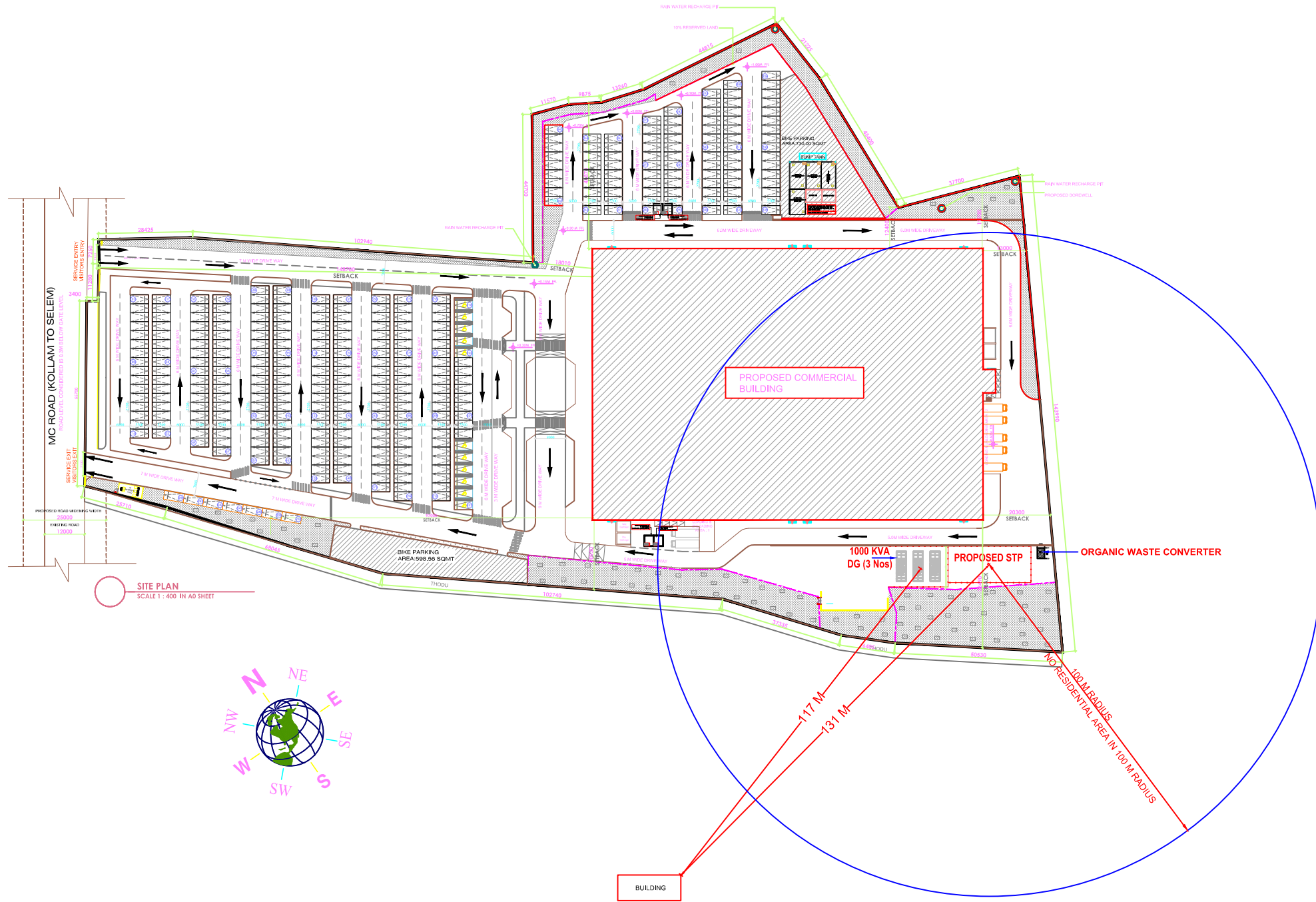
352/12-1, 352/12, 352/13, 353/16, 353/12, 353/6, 353/5, 353/13,353/10, 353/3-4, 353/14, 353/8, 353/7
353/3, 353/3-2, 353/15, 353/3-3, 353/3-5, 353/9, 353/11, 353/18, 353/17, 354/3-3-1, 354-3-3, 354-2,
354-2-4, 354-3-1, 354-3-7, 354-3-6-1, 354-3-6, 354-3-4, 354-1-3-1, 354-1-3, 354-1-2, 354-1-1-1, 354-1-1,
354-2-2-1, 354-2-2, 354-3-2, 354-2-3, 354-3-5

Survey No : 352/12-1 , 352/12,352/13, 353/16,353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3-1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, 353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3-7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1-3, 354/ 1-2, 354/ 1-1-1, 354/1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5, 353/3-3,353/3-5,353/9,353/11, 353/18 ,353/17

Client:
COMMERCIAL BUILDING , KOTTAYAM
Title:
SITE PLAN

Site details

Village	Nattakam
Taluk	Kottayam
District	Kottayam



LOCATION PLAN (NOT TO SCALE)

Scale : NTS

Rev No.	Date	Name	
Rev 00	06.07.21	Drawn	A.N
		Appd :	R.M.T

SREEKALA S Digitally signed by SREEKALA S
 Date: 2021.08.12 13:09:12 +05'30'

A M Harees

Digitally signed by A M Harees
 DN: c=IN, st=Kerala, 2.5.4.20=d049d88f540b89fc1e759a4c19761f9132fbc6256ffd0474a3143081dca2756, postalCode=689501, street=MADEENA,MANGARAM,Pandalam,Pandalam, Pathanamthitta, pseudonym=40ebbcfa46a2267f1c6465686512506a, title=0411, serialNumber=aeaac6fd1df76afbe5a52ca7293060a72af3dbc345a83029912fd3cdc535e9, o=Personal, cn=A M Harees
 Date: 2021.08.03 14:30:22 +05'30'

Green Method Engineering(P)Ltd.

 19/195 A1,ATC Building
 Moolepadam Nagar Road
 HMT Jn, Kalamassery P.O
 Kochi, Kerala 683104
 Tel: +91 484 2555336
 Fax: + 91 484 2543985
 Mob: +91 9745034922

An ISO 9001:2015, 14001:2015 certified company
 Email:mail@greenmethodengineering.com Web:www.greenmethodengineering.com
 An approved A Class consultant of KSPCB



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Indian Companies Act, 1956)

Registered office : Vidyuthi Bhavanam, Pattom, Thiruvananthapuram-695 004

web site : www.kseb.lk. CIN: U40100KL2011SGC027424

Office of the Assistant Engineer, Electrical Section Nattakom

Poovanthuruthu P.O, Kottayam-686012

Phone: 0481-2342525/ FCT: 9496008154 e-mail: aentkm@gmail.com

DB1/KSEB-NATKM/2021-22/LULU/ 68

Dtd : 23/12/21

To

Sri. Nishad M.A.
Director, Lulu International shopping Malls Pvt.Ltd.
34/1000, NH 47, Edappally
Kochi - 682024

Sir,

Sub:- HT Power requirement to the extend of 2500 KVA to Lulu Commercial Complex
Nattakam reg:-

- Ref:-
- 1) Application no: 21462721002220
 - 2) No. EC/KTM/DB3/HT-PA/2021-22/1514 dt.14.12.2021 of The Deputy Chief Engineer Electrical Circle Kottayam
 - 3) Endt on DB 11/HT-LULU MALL/21-22/646/ Date 20/12/2021 of The Assistant Executive Engineer Electrical Sub Division Pallom

As per your application for 2500 KVA power to the proposed Lulu Commercial complex at Manippuzha, Nattakom, Kottayam, feasibility has been obtained for the Transmission Wing of the KSEBL. From distribution side, the estimate has to be sanctioned for executing the work from transmission terminal at Sub Station to the consumer premises.

As you are planning to execute the works from distribution side by supplying the materials and labour directly, as per the standard of KSEBL, an undertaking in stamp paper worth RS.200/- in this regard as per the Supply Code 2014 is needed for finalizing the estimate.

Hence you are requested to submit an agreement to undertake the supply, installation and commissioning of cables, switch gears and allied installations including statutory approvals / clearances from all authorities concerned, at the earliest, for proceeding further in this regard.

Your faithfully

ASSISTANT ENGINEER



Copy Submitted to : The Assistant Executive Engineer, Electrical Sub Division, Pallom



TEST REPORT

ULR No:TC540222000002529F

LRI No.:SEAAL22040140A	Date: 06-04-2022	Page 1 of 1
------------------------	------------------	-------------

CUSTOMER DETAILS

Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.		
Customer Reference	Test Request dt 29-03-2022		

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN22030468
Sample Name	Ambient Air	Sample Received on	31-03-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	31-03-2022
Sampled by	Lab Authorized Sampler	Test Completed on	05-04-2022

DETAILS OF SAMPLING

Sampling Location	Near Office -South Side	Date of Sampling	29-03-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	69%

TEST RESULTS - CHEMICAL

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate Matter (PM ₁₀)	IS 5182 Part 23: 2006	µg/m ³	59.7	Max 100
2	Particulate Matter (PM _{2.5})	IS 5182 Part 24: 2019	µg/m ³	33.4	Max 60.0
3	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001	µg/m ³	3.49	Max 80.0
4	Oxides of Nitrogen (NO ₂)	IS 5182 Part 6: 2006	µg/m ³	5.14	Max 80.0
5	Carbon monoxide (CO)	IS 5182 Part 10: 1999	mg/m ³	0.60	Max 4.00

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

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
 vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.

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TEST REPORT

ULR No:TC540222000002530F		
LRI No.:SEAL22040141A	Date: 06-04-2022	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022


SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN22030469
Sample Name	Ambient Air	Sample Received on	31-03-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	31-03-2022
Sampled by	Lab Authorized Sampler	Test Completed on	05-04-2022

DETAILS OF SAMPLING			
Sampling Location	Near Security Cabin -West Side	Date of Sampling	29-03-2022
Sampling Procedure	SEAL/ENL/GEN/SOP/02	Humidity	69%

TEST RESULTS - CHEMICAL					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate Matter (PM ₁₀)	IS 5182 Part 23: 2006	µg/m ³	48.3	Max 100
2	Particulate Matter (PM _{2.5})	IS 5182 Part 24: 2019	µg/m ³	27.9	Max 60.0
3	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001	µg/m ³	2.96	Max 80.0
4	Oxides of Nitrogen (NO ₂)	IS 5182 Part 6: 2006	µg/m ³	4.81	Max 80.0
5	Carbon monoxide (CO)	IS 5182 Part 10: 1999	mg/m ³	0.76	Max 4.00

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No:TC540222000002531F

LRI No.:SEAAL22040142A

Date: 06-04-2022

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN22030470
Sample Name	Ambient Air	Sample Received on	31-03-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	31-03-2022
Sampled by	Lab Authorized Sampler	Test Completed on	05-04-2022

DETAILS OF SAMPLING


Sampling Location	North Side	Date of Sampling	29-03-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	69%

TEST RESULTS - CHEMICAL


Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate Matter (PM ₁₀)	IS 5182 Part 23: 2006	µg/m ³	78.1	Max 100
2	Particulate Matter (PM _{2.5})	IS 5182 Part 24: 2019	µg/m ³	40.5	Max 60.0
3	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001	µg/m ³	3.85	Max 80.0
4	Oxides of Nitrogen (NO ₂)	IS 5182 Part 6: 2006	µg/m ³	5.79	Max 80.0
5	Carbon monoxide (CO)	IS 5182 Part 10: 1999	mg/m ³	0.95	Max 4.00

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Lajju P. N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No.:TC540222000002532F

LRI No.:SEAAL22040143A

Date: 06-04-2022

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022

SAMPLE DETAILS

Product Category	Atmospheric Pollution	Sample Code	EN22030471
Sample Name	Ambient Air	Sample Received on	31-03-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	31-03-2022
Sampled by	Lab Authorized Sampler	Test Completed on	05-04-2022

DETAILS OF SAMPLING


Sampling Location	East Side	Date of Sampling	29-03-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	69%

TEST RESULTS - CHEMICAL

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ STANDARD
1	Particulate Matter (PM ₁₀)	IS 5182 Part 23: 2006	µg/m ³	89.4	Max 100
2	Particulate Matter (PM _{2.5})	IS 5182 Part 24: 2019	µg/m ³	48.5	Max 60.0
3	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001	µg/m ³	4.14	Max 80.0
4	Oxides of Nitrogen (NO ₂)	IS 5182 Part 6: 2006	µg/m ³	6.45	Max 80.0
5	Carbon monoxide (CO)	IS 5182 Part 10: 1999	mg/m ³	1.20	Max 4.00

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No:TC540222000002537F

LRI No.:SEAL22040148A

Date: 06-04-2022

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022

SAMPLE DETAILS


Product Category	Water	Sample Code	WT22030385
Sample Name	River Water	Sample Received on	31-03-2022
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4 °C
Sample Quantity & Packing	2 litre & Plastic Bottle	Test Commenced on	31-03-2022
Sampled by	Lab Authorized Sampler	Test Completed on	05-04-2022
Information Provided by Customer	----		

DETAILS OF SAMPLING

Sample Source	Manipuzha -South Side of the Project Site	Date of Sampling	29-03-2022
Sampling Procedure	SEAL/ENL/GEN/SOP/01& SEAL/MBL/SOP/06	Sample Temperature	28 °C

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	Hazen	1.00	Max 5.0
2	Odour	IS 3025 (Part 5): 2018	---	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 1984	NTU	5.80	1.00
4	pH	IS 3025 (Part 11): 1983	---	3.37	6.50 - 8.50
5	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	515	Max 500
6	Total Hardness (as CaCO ₃)	IS 3025 (Part 21): 2009	mg/L	124	Max 200
7	Calcium (as Ca)	IS 3025 (Part 40): 1991	mg/L	21.6	Max 75.0
8	Magnesium (as Mg)	IS 3025 (Part 46): 1994	mg/L	16.9	Max 30.0


Shency Joy
Dy. TM Chemical
Checked by:




Salini T. S.
Microbiologist
Authorized Signatory


Lalju P. N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No:TC540222000002537F

LRI No.:SEAAL22040148A

Date: 06-04-2022

Page 2 of 2

TEST RESULTS - CHEMICAL PARAMETERS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
9	Chloride (as Cl)	IS 3025 (Part 32): 1988	mg/L	132	Max 250
10	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23): 1986	mg/L	< 1.00	Max 200
11	Iron (as Fe)	IS 3025 (Part 53): 2003	mg/L	1.20	Max 1.00
12	Sulphate (as SO ₄)	IS 3025 (Part 24): 1986	mg/L	90.3	Max 200
13	Fluoride (as F)	IS 3025 (Part 60): 2008	mg/L	< 0.10	Max 1.00
14	Selenium (as Se)	IS 3025 (Part 56): 2003	mg/L	BDL (LOD-0.001)	Max 0.01
15	Arsenic (as As)	IS 3025 (Part 37): 1988	mg/L	BDL (LOD-0.001)	Max 0.01
16	Copper (as Cu)	IS 3025 (Part 42):1992	mg/L	BDL (LOD-0.016)	Max 0.05
17	Manganese (as Mn)	IS 3025 (Part 59): 2006	mg/L	BDL (LOD-0.016)	Max 0.05
18	Cadmium (as Cd)	IS 3025 (Part 41): 1992	mg/L	BDL (LOD-0.003)	Max 0.003
19	Chromium (as Cr)	IS 3025 (Part 52): 2003	mg/L	BDL (LOD-0.05)	Max 0.05
20	Zinc (as Zn)	APHA 23 rd Edition 3111B:2017	mg/L	BDL (LOD-0.008)	Max 5.00
21	Mercury (as Hg)	IS 3025 Part 48: 1994	mg/L	BDL (LOD-0.001)	Max 0.001
22	Cyanide (as CN)	IS 3025 Part 27: 1986	mg/L	< 0.01	Max 0.05
23	Lead (as Pb)	IS 3025 Part 47:1994	mg/L	BDL (LOD-0.01)	Max 0.01
24	Aluminium (as Al)	IS 3025 Part 55: 2003	mg/L	0.93	Max 0.03
25	Boron (as B)	IS 3025 Part 57: 2005	mg/L	< 0.20	Max 0.50

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/100 ml	Absent/100 ml
2	E coli	IS 15185: 2016	---	Absent/100 ml	Absent/100 ml

Note: BDL-Below Detection Limit

LOD-Limit of Detection


Remarks:

End of Report


Shency Joy
 Dy. TM Chemical
 Checked by:




Salini T. S.
 Microbiologist
 Authorized Signatory


Laiju P. N.
 Laboratory Head
 Authorized Signatory

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TEST REPORT

ULR No:TC54022200002533F

LRI No.:SEAAL22040144A

Date: 06-04-2022

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	EN22030472
Sample Name	Ambient Noise	Monitoring Commenced on	29-03-2022 / 06:00
Monitoring Location	Near Office -South Side	Monitoring Completed on	30-03-2022 / 06:00
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler

MONITORING RESULTS - Leq


TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	33.4	14:00	44.7	22:00	32.3
07:00	35.8	15:00	45.1	23:00	35.2
08:00	39.6	16:00	46.1	24:00	37.8
09:00	42.7	17:00	46.4	01:00	38.5
10:00	44.7	18:00	41.6	02:00	38.1
11:00	47.5	19:00	38.5	03:00	38.8
12:00	45.1	20:00	35.1	04:00	37.8
13:00	44.4	21:00	34.7	05:00	39.6

TEST RESULTS - CHEMICAL


Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	43.2
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	38.1

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No:TC540222000002534F		
LRI No.:SEAAL22040145A	Date: 06-04-2022	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022


DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN22030473
Sample Name	Ambient Noise	Monitoring Commenced on	29-03-2022 / 06:00
Monitoring Location	Near Security Cabin -West Side	Monitoring Completed on	30-03-2022 / 06:00
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	31.3	14:00	42.0	22:00	30.4
07:00	33.6	15:00	42.3	23:00	34.4
08:00	37.1	16:00	43.3	24:00	36.9
09:00	40.1	17:00	43.6	01:00	37.6
10:00	42.0	18:00	39.1	02:00	37.3
11:00	44.6	19:00	36.2	03:00	38.0
12:00	42.3	20:00	32.9	04:00	36.9
13:00	41.7	21:00	32.6	05:00	38.7


TEST RESULTS - CHEMICAL			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	40.5
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	37.3

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Laiju P.N.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No:TC540222000002535F		
LRI No.:SEAL22040146A	Date: 06-04-2022	Page 1 of 1

CUSTOMER DETAILS	
Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022


DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN22030474
Sample Name	Ambient Noise	Monitoring Commenced on	29-03-2022 / 06:00
Monitoring Location	North Side	Monitoring Completed on	30-03-2022 / 06:00
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.8	14:00	50.7	22:00	36.7
07:00	40.6	15:00	51.1	23:00	35.4
08:00	44.9	16:00	52.3	24:00	38.0
09:00	48.4	17:00	52.7	01:00	38.7
10:00	50.7	18:00	47.2	02:00	38.3
11:00	53.8	19:00	43.7	03:00	39.1
12:00	51.1	20:00	39.8	04:00	38.0
13:00	50.3	21:00	39.3	05:00	39.8


TEST RESULTS - CHEMICAL			
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	49.2
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	38.3

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Laju P. M.
Laboratory Head
Authorized Signatory

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TEST REPORT

ULR No:TC54022200002536F

LRI No.:SEAAL22040147A

Date: 06-04-2022

Page 1 of 1

CUSTOMER DETAILS

Customer Name & Address	M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District.
Customer Reference	Test Request dt 29-03-2022

DETAILS OF MONITORING

Product Category	Atmospheric Pollution	Sample Code	EN22030475
Sample Name	Ambient Noise	Monitoring Commenced on	29-03-2022 / 06:00
Monitoring Location	East Side	Monitoring Completed on	30-03-2022 / 06:00
Test Method	IS 9989:1981	Monitored by	Lab Authorized Sampler

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	36.4
08:00	44.4	16:00	51.7	24:00	39.0
09:00	47.9	17:00	52.1	01:00	39.8
10:00	50.2	18:00	46.7	02:00	39.4
11:00	53.3	19:00	43.2	03:00	40.1
12:00	50.6	20:00	39.4	04:00	39.0
13:00	49.8	21:00	38.9	05:00	40.9

TEST RESULTS - CHEMICAL

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 (22:00 to 06:00)	dB(A)	39.4

Remarks:

End of Report


Shency Joy
Dy. TM Chemical
Checked by:




Laiju P. N.
Laboratory Head
Authorized Signatory

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E2112-457349

പൊതുജന ശ്രദ്ധയ്ക്ക്

പൊതുജനങ്ങൾക്കായി കേരള സംസ്ഥാനം, കോട്ടയം ജില്ലയിൽ, കോട്ടയം താലൂക്കിൽ, കോട്ടയം മുനിസിപ്പാലിറ്റി, നാട്ടുകം വില്ലേജിൽ സർവ്വേ നമ്പർ 352/12-1, 352/12, 352/13, 353/16, 353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3-1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, 353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3-7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1-3, 354/1-2, 354/1-1-1, 354/1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5, 353/3-3, 353/3-5, 353/9, 353/11, 353/18, 353/17 ൽ വാണിജ്യസമുച്ചയത്തിനൊപ്പം എം.എൽ.സി.പി. (മൾട്ടി ലെവൽ കാർ പാർക്കിംഗ്) നിർമ്മാണ പദ്ധതിക്കായി ആവശ്യമായ പരിസ്ഥിതികാനൂറതി ലുലു ഇന്റർനാഷണൽ ചോപ്പിംഗ് മാൽ പ്രൈവറ്റ് ലിമിറ്റഡ് എന്ന സ്ഥാപനത്തിന് കേന്ദ്ര വനം പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന മന്ത്രാലയത്തിൽ നിന്ന് ഊസി ഐഡന്റിഫിക്കേഷൻ നമ്പർ. EC21A038KL164412 & ഫയൽ നമ്പർ 21-96/2021-IA-III dated 24.12.2021 എന്ന ഓർഡർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ ഓർഡറിന്റെ പകർപ്പ് കേന്ദ്ര വനം പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന മന്ത്രാലയത്തിന്റെ (MoEF & CC) വെബ്സൈറ്റിൽ (<https://parivesh.nic.in>) ലഭ്യമാണ്.

E2112-459548

ഡിക്കൻസ് നിമിത്ത് (വർഗീസ്) മണിയൻകേരികളം

Ph: 9447034708

2022 ജനുവരി 1 ശനിയാഴ്ച രാവിലെ 9.30 -ന് പൊന്നംകോട് സെന്റ് ആന്റ് ബ്ലൈസ് മൊറോന റൈവലയത്തിൽ പാലക്കാട് രൂപത സഹായമെത്രാൻ മാർ പിറ്റർ കൊച്ചുപുരയ്ക്കൽ പിതാവിൽ നിന്ന് പൗരോഹിത്യം സ്വീകരിച്ച് പ്രഥമ ദിവ്യബലിയർപ്പിക്കുന്ന ഡിക്കൻസ് നിമിത്ത് പ്രാർത്ഥനാശേഷകൾ...

Best Compliments from
Fr. Thomas Maniyankerikalam OCD

K2112-459461

ആയുർവേദ ഔഷധശാല

CERTIFIED GMP COMPANY
GMP.No:1071

- 250 ലക്ഷം കൂമ്പിടങ്ങൾ ആയുർവേദ ഔഷധങ്ങൾ
- വിദഗ്ദ്ധരായ ഔഷധകർമ്മാരുടെയും ഗവേഷകരുടെയും നിരന്തരമായ പിന്തുണ
- ഔഷധ നിർമ്മാണത്തിൽ പരിപാലന സമ്പന്നമായ വിദഗ്ദ്ധരുടെ മേൽനോട്ടം
- ഔഷധങ്ങളുടെ ഗുണനിലവാരം പരിരക്ഷിക്കാനായി ആധുനിക സംവിധാനങ്ങളുള്ള ലാബോറട്ടറി
- അന്താരാഷ്ട്ര സംവിധാനങ്ങളുള്ള ഔഷധ നിർമ്മാണ ഫാക്ടറി
- ഗുണമേന്മയേറിയ പച്ചക്കറുന്ന്കൾ സംഭരിക്കാൻ ഔഷധ കർഷകരുമായുള്ള സഹകരണം
- ഉടൻ ആരംഭിക്കുന്ന വിപുലമായ ഔഷധ സമ്പന്നമായ
- ഔഷധ വിതരണത്തിന് പ്രമുഖ ഔഷധ വിതരണ സ്ഥാപനമായ സുര്യപ്രഭ ഗ്രൂപ്പിന്റെ പിന്തുണ

പ്രാതിനിധ്യമില്ലാത്ത സ്ഥലങ്ങളിൽ ഏകദേശം 100 കടലിടങ്ങൾ കയ്യടങ്ങുന്നു. ആയുർവേദ ഡോക്ടർമാർക്ക് മുൻഗണന, അന്വേഷണങ്ങൾക്ക് 9349 126168

Ananda Vaidhyasramam Ayurveda Oushadhasala, Vepur, Varandarappilly, P.O. Thrissur Dist, Kerala. 680303. Phone No: 8086 2000 72. vaidhyasramam@gmail.com www.anandavaidhyasramam.com

E2112-454426



V Muraleedharan @VMBJP
Covovax, a nanoparticle protein-based vaccine, Corbevax, India's 1st indigenously developed RBD protein sub-unit vaccine & Molnupiravir, an antiviral drug have been approved by the Modi Govt. This will further strengthen India's fight against the pandemic.

CPM humiliated me, says Rajendran

Ex-MLA says party decided to suspend him without trying to find out truth behind charges

EXPRESS NEWS SERVICE @Idukki

A DAY after the CPM Idukki district committee recommended his suspension for anti-party activities during the last assembly election, former Devikulam MLA and CPM leader S Rajendran said the party had humiliated him and decided to suspend him without trying to find out the truth behind the allegations.

Rajendran said the inquiry commission's findings that he

had conspired at a tea shop to defeat A Raja in the election was baseless. "How can I conspire at a tea shop? Do I own the tea shop?" he asked.

Rajendran said he had written a letter to the district committee that some people were working against him. "However, the committee has not taken any action on it," he said.



I had written a letter to the party district committee that some people were working against me. However, the committee has not taken any action on it — S Rajendran

Rajendran denied the committee's claim that he had not replied to the show cause notice served on him.

"I did send my reply as registered post and I can show the acknowledgement receipt as a proof," he said

However, he said CPM has every right to expel him. "I have been with the party for

the past four decades and it has every right to oust me," he added.

He said he had not decided about the future move and said he has no plan to join any other party.

"I joined the party not to earn a living. I left a government job to serve the party," the former Devikulam MLA said. CPM sources said the party state committee will take a final call on the district committee's recommendation.

Omicron: Health dept on high alert in Alappuzha district

EXPRESS NEWS SERVICE @Alappuzha

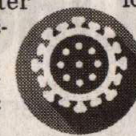
THE health department and district administration are on high alert owing to spread of Omicron in the district. As many as four people who arrived from other countries were found to be infected with the new variant of the virus till now. The health department has started to enforce more restrictions to contain the spread. District collector A Alexander

said that the district administration and health department have begun to implement strict rules under the Disaster Management Act. A direction has been given to district police chief to impose restrictions in public places, the collector said.

District police chief G Jayadev said police have started to implement the restrictions issued by government. "As part of night curfew, patrol-

ling has been strengthened under in the district. There will be no curbs on emergency services including hospital cases, medical stores, petrol bunks, night shift employees, milk distribution, newspaper distribution and mediapersons.

No gathering in connection with New Year celebrations will be allowed. Sabarimala and Sivagiri pilgrims are also exempted," Jayadev said.



Renjith murder: 21 criminals under preventive detention in D'thitta dist

arrested has been identified as Sinu, 31, of Vellakinar, Alappuzha. The police said the accused had taken part in the conspiracy to murder Renjith.

that were ranked between 8 and 23.

Taking the Indian innovation and start-up ecosystem in HEIs into account, various parameters comprising input, process, output, and outcome parameters are included in the framework.

PUBLIC NOTICE

This is to inform to the General Public that the proposed commercial building project along with MLCP (Multi Level Car Parking) building at Survey Nos 352/12-1, 352/12, 352/13, 353/16, 353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3-1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, 353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3-7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1-3, 354/1-2, 354/ 1-1-1, 354/ 1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5, 353/3-3, 353/3-5, 353/9, 353/11, 353/18, 353/17 of Nattakom Village, Kottayam Municipality, Kottayam Taluk and District, Kerala being developed by M/s Lulu International Shopping Malls Pvt Ltd is accorded with Environmental Clearance by Ministry of Environment, Forest and Climate Change (MoEF & CC) (Impact assessment division), Government of India vide EC Identification No. EC21A038KL164412 & File No. 21-96/2021-IA-III dated 24.12.2021 and the copies of the Environmental Clearance is available on the website of MoEF & CC [https://parivesh.nic.in]

Maharashtra State Power Chief Engineer (P&P)

The Brihanmumbai Electric Supply & Transport Undertaking
(Of The Brihanmumbai Municipal Corporation)

TENDER NOTICE

E-tenders are re-invited for the supply of following items.
(1) 70983, (2) 71584 (Corrigendum), (3) 72408, (4) 72253 (Re-tender).

Note : For more details, log on to website <https://mahatenders.gov.in>.
PRO/AAM(M)/101/2021

GENERAL MANAGER

KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
Thiruvananthapuram

REQUIRES

General Foreman and Operator for Hilly Aqua water bottling plant at Aruvikkara. Details are available in:
<http://kiidc.kerala.gov.in>

CITY UNION BANK LIMITED
Credit Recovery and Management Department

PUBLIC NOTICE

Branch Office: ICICI Bank Ltd, Zonal Office, Pushpamangalam Estates, Nh Byepass, Edapally Kochi 682024

The following borrower/s have defaulted in the repayment of principal and interest of the loans facility obtained by them from the Bank and the loans have been classified as Non-Performing Assets (NPA). A notice as below mentioned was issued to them under Section 13 (2) of Securitisation and Re-construction of Financial Assets and Enforcement of Security Interest Act-2002 on their last known addresses as provided to the bank by them, however it was not served and hence they are hereby notified by way of this public notice.

Sr. No.	Name of the Borrower/ Co-Borrower/ Guarantor/ (Loan Account Number) & Address	Description of Secured Asset to be Enforced	Date of Notice Sent/ Outstanding as on Date of Notice	NPA Date
1.	Mohammed Abdul Ansif/ 17 222 Meledathukuzhuppi Ayamkudy Kottayam 686613/ LACOC00041967303	KL36G7199/ EON/ EON/ G3HAJM583816/ MALA251ALJM630943G	28/10/2021 Rs. 6,25,343/-	04/08/2021
2.	Nikhil Vijayan/TC 15 436 Vasumathy Vellayambalam, Sasthamangalam Trivandrum 695010/ LAMUV00038363176	KL01CK7680/ Baleno/ Baleno/ K12MN7415173/ MBHEWB22SKA241641	28/10/2021 Rs. 5,16,146/-	30/09/2020
3.	Cochin Tech Generators Private Limited/ 37/ Ponoth Road Deshabhimani 3607 A Fir Junction Opp. Seiken Apartments Cochin-682017/ LACOC00039200538	KL07CS1788/ Power Plus SLE/ WJK6E42691/ MA1XM2WJXK6E29856	28/10/2021 Rs. 6,55,861/-	11/05/2021
4.	Ebrahim C M/ Padickal Charala Erumeli P O	KL34F2909/ TIAGO/ TIAGO/	28/10/2021 Rs.	14/06/2021

കോട്ടയം നഗരസഭ

കാര്യാലയം

ഫോൺ 2566665
ഓഫീസ് 2566666 } PBX
2566667 }

ഫാക്സ് നമ്പർ-0481-2567358


റഫറൻസ് നമ്പർ N/w 1-226/22 തീയതി 24/01/2022

വിഷയം കൈപ്പറ്റ് രസീത്
Submission of Environmental Clearance സംബന്ധിച്ച് center

.....തീയതിയിലെ ഹർജി/പരാതി/മെമ്മോറാണ്ടം

താങ്കളുടെ അപേക്ഷ / പരാതി/ മെമ്മോറാണ്ടം / മേൽ നടപടി കൾക്കായി മുനിസിപ്പൽ എഞ്ചിനീയർക്ക് / ഹെൽത്ത് ഓഫീസർക്ക് / റവന്യൂ ഓഫീസർക്ക് / ചീഫ് അക്കൗണ്ടന്റിന് / മാനേജർക്ക് അയച്ചു കൊടുത്തിട്ടുണ്ട്.

ആയത് പരിഗണിച്ച്തീയതിക്കുള്ളിൽ ഉത്തരവ് / മറുപടി / കിട്ടാത്തപക്ഷം മുകളിൽ കൊടുത്തിട്ടുള്ള റഫറൻസ് നമ്പർ രേഖപ്പെടുത്തി ഓർമ്മക്കുറിപ്പ് അയയ്ക്കുവാൻ താൽപര്യപ്പെടുന്നു.


സെക്രട്ടറിക്കു വേണ്ടി,
എൻക്വയറി ഓഫീസർ

ശ്രീ./ശ്രീമതി/സർവ്വശ്രീ.....
Lulu International
Shopping Complex
Mall Pvt Ltd



Lulu Mall Kottayam
 LULU International Shopping Malls Pvt.Ltd
 34/1000, NH-47, Edapally, Kochi- 682 024
 Mall office: +91 4842727777
 Email: lulukochi@luluindia.com
 www.lulumall.in

Malls.Hypermarkets.Department stores.Supermarkets

Lulu Shopping Mall Kottayam – EC- EMC Meeting

Meeting No : 1
 Date & Time of Meeting : 08-01-2022, 10.30 AM
 Venue : Lulu RO Office, Kochi

Attendees:

Name	Designation/ Organization	Title	Absentees
Mr. Sadik Kassim	Commercial Manager - Lulu Kochi	Chairman	
Mr. Babu Varghese	Project Director - Lulu Kochi	Member	
Mr. Paul KO	General Manager (MEP) - Lulu Kochi	Member	
Mr. Midhun Chullickal	Legal officer – Lulu Kochi	Member	
Mr. Beshy Kuriakose	Project Manager – Lulu Kottayam	Member Secretary	

Distribution: All attendees plus

Name	Designation	Organization
Mr. Nishad M A	Director and CEO	Lulu Kochi
Mr. Project office		Lulu Kottayam

SI No	Subject/ Action/ Information	Action By	Date
	<p>The Environmental Management Cell was formed as per clause 10.60 of the EC issued to the project. The committee must monitor the actions to be taken to mitigate environmental impacts and other requirements mentioned in EC, if any for this project. This meeting should happen every 6 months. The committee was formed with 1. Mr. Sadik Kasim, Commercial Manager as Chairman; 2. Mr. Mr. Babu Varghese, Project Director as Member; 3. Mr. Paul K Olekkengil, General Manager</p>		

	as Member, 4. Mr. Midhun Chullickal, Legal Officer as Member and 5. Mr. Beshy Kuriakose as Member Secretary.		
01	<p>The EC was awarded to the project on 22.12.2021 through the environmental clearance number EC21A038KL164412 by Ministry of Environment Forest and Climate change.</p> <p>The committee reviewed all conditions mentioned in the environmental clearance.</p> <p>The committee decided to attend all conditions mentioned in the EC, priority wise as well as project schedule wise.</p> <p>As per the condition mentioned in clause 10.01 of EC, "The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC / SEIAA website where it is displayed". It is decided to provide the advertisement in two local newspapers as per the condition mentioned.</p> <p>As per the condition mention in clause 10.02 of EC, "The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt." Meeting decided to provide copy of the EC to Kottayam Municipality and obtain receipt for the same.</p> <p>As per the EC, PP shall provide 541 KWP of solar panel. The committee opinioned that the solar panel purchasing is a time-consuming job so that it is better to start the procurement procedure at the earliest. Decided to find a vendor immediately and place the order.</p> <p>Committee decided to invite Civil and MEP tender for construction of the building as well as external development works. The contractor has to follow the conditions mentioned in the EC in its letter and spirit.</p>	Lulu	Lulu

	<p>The committee decided to find a specialized agency for installation commissioning and operation of the sewage treatment plant.</p> <p>Committee decided to approach Kottayam Municipality for obtaining revised building permit. As part of the approval process, the fire NOC as well as clearance from the Kerala state pollution control board also to be obtained.</p>		
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Prepared by Lulu Mall Kottayam

NOTE: The preceding is intended to be an accurate recording of the discussions of the meeting. It is the responsibility of those who present to identify any errors or omissions. These corrections should be noted to the recorder within **two (2) days** of the issuance of these minutes. If no comments are provided in writing within this time frame, the minutes of meeting will be considered as accepted as recorded.