

K. K. BIRLA ACADEMY

Regd. Office : C-340, Chetna Marg, Block C,
Defence Colony, New Delhi - 110024, INDIA
Tel.: 011-45546121,

Date: 01.06.2024

To,
Regional Office,
Ministry of Environment, Forest and Climate Change (Central Region),
Kendriya Bhavan, 5th Floor
Sector-H, Aliganj, Lucknow 226020
Uttar Pradesh

Sub:Half-yearly Compliance (JUNE 2024 session) of the stipulated Environmental Conditions/Safeguards in the Environmental Clearance Letter and Environmental Monitoring Report for Construction of K.K Birla Academy with built-up area 72,610.898 sqm at Plot No.- 2, Vasant Kunj Phase II, Institutional Area, New Delhi by M/s K.K Birla Academy.

Ref: Environmental Clearance File No. 21-22/2021-IA-III dated 21.05.2021.

Dear Sir,

With reference to the Environmental Clearance granted to our above said project by Ministry of Environment, Forest and Climate Change, New Delhi. We are herewith submitting point wise status of compliance of general and specific conditions of the EC letter in accordance with the provision of EIA notification 2006.

Following documents are attached herewith for your kind perusal:

1. Point-wise compliance of the stipulated environmental conditions/ safeguards.
2. Environmental monitoring report along with other necessary permissions/documents (**Session: JUNE 2024**)

We fully assure you that we will comply with all conditions as specified in the Environment clearance granted us. Details of Representative are as follows:

Thanking you,

Yours Sincerely,

For M/s K.K Birla Academy

[Authorized Signatory]

Name : Jogendra Singh
Designation : Governing Body Member

CC:

1. The Member Secretary, Delhi Pollution Control Committee, Delhi.
2. The Member Secretary SEIAA, 5th floor, ISBT Building, Kashmere Gate, Delhi- 110006.

COMPLIANCE REPORT (JUNE-2024)



KK Birla Academy at Plot No.2 Vasant Kunj
Phase-II, Institutional Area, NEW DELHI

**POINT-WISE COMPLIANCE OF STIPULATED ENVIRONMENTAL CONDITIONS/
SAFEGUARDS IN THE ENVIRONMENTAL CLEARANCE LETTER NO.**

F. No. 21-22/2021-IA-III Dated- 21st May 2021

S. No.	Conditions	Status of Compliance
PART A - SPECIFIC CONDITIONS:		
I	Construction and Demolition Waste Management Plan shall be implemented in adherence to the Construction and Demolition Waste Management Rules, 2016. As committed, at least 80 percent construction and demolition waste shall be used within the project.	Agreed. Construction and Demolition Waste Management Plan has been implemented in adherence to the Construction and Demolition Waste Management Rules, 2016. We will utilize 80% percent construction and demolition waste within the project. Rest of the waste has been sent to M/s Rise Eleven Delhi Waste Management Co. The MOU between K K Birla Academy and M/s Rise Eleven Delhi Waste Management Co. is attached as Annexure- IA. Construction & Demolition plan is attached as Annexure- I
II	Fresh water requirement from local authority shall not exceed 39 KLD during operational phase. As committed, no groundwater abstraction shall be done during construction as well as operation phase of the project.	Agreed. Groundwater Abstraction is not being done in construction phase. And it will not be done in operation phase as well. Fresh water requirement from local authority will not exceed 39 KLD during operational phase:



III	As proposed, waste water shall be treated in an onsite STP of total 90 KLD capacity. At least 67 KLD treated water from the STP shall be recycled and re-used for flushing, and gardening purposes. Excess treated water (approx. 18 KLD during rainy season) shall be used for construction purpose, wheel washing or for horticultural purpose in the nearby areas as proposed.	Agreed. The waste water will be treated in an onsite STP of total 90 KLD capacity. At least 67 KLD treated water from the STP will be recycled and re-used for flushing, and gardening purposes. Excess treated water (approx. 18 KLD during rainy season) will be used for construction purpose, wheel washing or for horticultural purpose in the nearby areas as proposed.
IV	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.	Agreed. We have commissioned a third party study for the same.
V	The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste. As committed, biodegradable waste shall be composted by use of OWC. Inert waste shall be dumped to authorized site. The recyclable waste shall be sold to resellers.	Agreed. The solid waste will be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste. . . . The biodegradable waste will be composted by use of OWC. Inert waste will be dumped to authorized site. The recyclable waste will be e sold to resellers.



VI	<p>Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/greenery will be 12,459.92 sqm. As proposed, at least 910 trees to be maintained during the operation phase of the project. The landscape planning 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>Agreed. Green area of 12,459.92 m² i.e. 40.71 % of the total plot area i.e. 30,600 Sq.m, will be provided as per the project document. No existing tree is available on site.</p>
VII	<p>The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 3 no. of rain water harvesting recharge pit shall be provided for rain water harvesting after filtration as per CGWB guidelines.</p>	<p>Agreed. As proposed, 3 rain water harvesting recharge pit will be provided for rain water harvesting after filtration as per CGWB guidelines. RWH pit plan is attached as Annexure-II.</p>
VII I	<p>The PP shall also provide electric charging points in the parking areas for e-vehicles as committed.</p>	<p>Agreed. We have plan for electric charging points. Parking Plan is attached as Annexure-III</p>



IX	At least 5% of electrical load shall be met through solar power as committed.	Agreed. We are in construction phase. We are planning to meet 5% electrical load through solar power.
X	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	Agreed. We will follow the same as suggested.

B. Standard Conditions:

1. STATUORY 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 byelaws.	Agreed: Environmental Clearance letter has been granted vide F. No. 21-22/2021-IA-III dated 21/05/2021. Copy of the same is enclosed as Annexure- IV We have obtained consent to Establish vide Letter no. DPCC/CMC/2007/18083 dated 12-09-2007. Copy of same is enclosed as Annexure V A Also We have obtained valid Extension of consent to Establish vide Letter no. DPCC/CMC/2022/8327878 dated 03-10-2022 valid from 18/09/2022 to 17/09/2023 . Copy of same is enclosed as Annexure V B . Further extension of validity obtained vides Certificate no. G- 34506 Consent order no.- DPCC/CMC/2023/9959431 dated 25.08.2023
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		<p>valid from 25.08.2023 to 24.08.2024. Copy of same is enclosed as Annexure V C.</p> <p>Building plan approval letter is attached as Annexure-VI.</p>
II	<p>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 lightening etc.</p>	<p>Agreed. Our site layout is currently under preparation. Structural stability certificate from Competent Authority will be taken later.</p>
III	<p>The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.</p>	<p>Agreed. We have obtained forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project. Forest NOC is attached as Annexure-VII.</p>
IV	<p>The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</p>	<p>Not Applicable. Our project does not fall in the wildlife sanctuary. Toposheet of WLS map is attached as Annexure VIII.</p>
V	<p>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.</p>	<p>Agreed. We have obtained consent to Establish vide Letter no. DPCC/CMC/2007/18083 dated 12-09-2007. Copy of same is enclosed as Annexure V A</p> <p>Also We have obtained valid Extension of consent to Establish vide Letter no. DPCC/CMC/2022/8327878 dated 03-10-2022 valid from 18/09/2022 to 17/09/2023. Copy of same is enclosed as Annexure V B.</p>



		Further extension of validity obtained vides Certificate no. G- 34506 Consent order no.- DPCC/CMC/2023/9959431 dated 25.08.2023 valid from 25.08.2023 to 24.08.2024. Copy of same is enclosed as Annexure V C .
VI	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Agreed.
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 obtained.	Agreed. Power bill copy of the same is enclosed as Annexure IX .
VII I	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.	Agreed. AAI NOC is enclosed as Annexure-X Fire NOC is enclosed as Annexure- XI
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.	Agreed: The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 will be followed.
X	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Agreed: We will follow the ECBC Act/ECBC - Rules prescribed by Bureau of Energy Efficiency, Ministry of Power strictly in addition of byelaws of the State Government.



(2) 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.	Agreed. The Notification GSR 94(E) dated 25.01.2018 of MoEF&CC for Construction and Demolition Activities is being followed.
II	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Agreed: Measures for controlling air quality is enclosed as Annexure XII
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.	Agreed. Ambient Air Quality monitoring data is enclosed as Annexure XIII
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 with low sulphur diesel proposed as source of backup power are of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The heights of stack of DG sets are equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel.
V	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention	Agreed: Construction site is barricaded. Dust, smoke & other air pollution prevention measures is being provided for the site. Pictures showing



	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 site barricading are enclosed as Annexure XIV . We have installed anti-smog guns at site. Pictures showing Smog-gun photo is enclosed as Annexure-XV
VI	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Agreed: Sand, murrum, loose soil, cement, stored on site are being covered adequately to prevent dust pollution. Pictures showing same are enclosed as Annexure XVI .
VII	Wet jet shall be provided for grinding and stone cutting.	Agreed. Currently, excavation of site is going on. We will provide the wet jet for grinding and stone cutting when stone cutting work will commence.
VII I	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Agreed: Unpaved surfaces and loose soil is being adequately sprinkled with water to suppress dust. Pictures showing same are enclosed as Annexure XVII .
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	Agreed: All construction and demolition debris are being send to M/s Rise Eleven Delhi Waste Management Co. The MOU between K K Birla Academy and M/s Rise Eleven Delhi Waste Management Co. is attached as Annexure- I



	provisions of the Construction and Demolition Waste Rules 2016.	Construction & Demolition plan is attached as Annexure- IA All demolition and construction waste are being managed as per the provisions of the Construction and Demolition Waste Rules 2016.
X	The diesel generator sets to be used during construction phase shall be low diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Agreed. Currently, only a small DG set of 40 KVA is being used in the site.
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.	Agreed. The gaseous emissions from DG set will be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure will be provided to the DG sets to mitigate the noise pollution. Low Sulphur diesel will be used. The location of the DG set and exhaust pipe height will be as per the provisions of the Central Pollution Control Board (CPCB) norms
XII	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed: The ventilation provisions of National Building Code of India will be followed for indoor air quality.
3	WATER QUALITY MONITORING AND PREVENTION:	
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	Agreed. We will not do any construction in the natural land depression/Nallah/water course and we are ensuring that the natural flow from the Nallah/water course is not being obstructed. Site Plan is attached as same Annexure-XVIII.



	harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	
XII	All recharge should be limited to shallow aquifer.	Agreed: All recharge will be limited to shallow aquifer.
XII I	No ground water shall be used during construction phase of the project.	Agreed: No ground water will be used for the construction of project. Water demand will be met through DJB
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.	Not applicable. As our source of water is Delhi Jal Board.
XV	The quantity of fresh water 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.	Agreed: We will submit the monitoring report of freshwater usage, water recycling and rainwater harvesting during the operation phase.
XVI	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Agreed. Sewage will be treated in the STP with tertiary treatment. The treated effluent from STP will be recycled /re-used for flushing, AC-make up water and gardening. As proposed, no treated water will be disposed in to municipal drain.
XVI I	No sewage or untreated effluent water would be discharged through storm water drains.	Agreed: No sewage or untreated effluent water will be discharged through storm water drains.



XVI II	Onsite sewage treatment of capacity of treating 100% waste water 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 waste water 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 Climate Change. Natural treatment systems shall be promoted.	Agreed and will be followed during the operation phase.
XIX	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Agreed: Periodic monitoring of water quality of treated sewage will be conducted. Necessary measures will be taken to mitigate the odour problem from STP.
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 Sewage Treatment Systems, 2013.	Agreed: Sludge from the onsite sewage treatment, including septic tanks is being collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4	<u>NOISE MONITORING AND PREVENTION:</u>	
I	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as	Agreed: Ambient noise levels conform to residential area/commercial area both during day and night as per Noise Pollution (Control and



	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.	Agreed.
III	The quantity of fresh water 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.	Agreed: We will submit the monitoring report of freshwater usage, water recycling and rainwater harvesting during the operation 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 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.	Agreed. Currently, only excavation work is going on, and hence, we have no requirement of water and sewage connection at this stage. We will apply and get sanctioned water and sewer connection in the future.
V	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Agreed: We will follow the same.



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.	Agreed: We will Install dual plumbing pipe 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.
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.	Agreed: We will use water saving devices /fixtures for the conservation of water in the operation phase.
VII I	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.	Agreed: Separation of grey and black water will be done by the use of dual plumbing system.
IX	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Agreed. Water demand during construction is being reduced by use of pre-mixed concrete, curing agents and other best practices referred.
X	Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Agreed. RWH Pit plan is attached as Annexure-II.
XI	A rain water 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 fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be	Agreed: The source of water for the proposed project is Delhi Jal Board. Hence Ground water will not be extracted. RWH Plan is attached as Annexure XIX.

	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.	Regulation) Rules, 2000. The ambient noise level is monitored timely by NABL accredited laboratory. The lab report of noise level is attached as Annexure XIII .
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.	Agreed: Noise level survey is being carried as per the prescribed guidelines and report in this regard will be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report. The lab report of noise level is attached as Annexure XIII .
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.	Agreed: Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel is implemented as mitigation measures for noise impact due to ground sources.
5	<u>ENERGY CONSERVATION MEASURES:</u>	
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.	Agreed: Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency as per ECBC Act, 2017 read with ECBC Rules, 2018 will be ensured. Buildings in the States which have notified their own ECBC will comply with the State ECBC also which no case less than 25% as prescribed.



II	Outdoor and common area lighting shall be LED.	Agreed: Outdoor and common area lighting will be LED.
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.	Agreed: Concept of passive solar design that minimizes energy consumption in buildings will be incorporated in the building design. Wall, window, and roof R & V-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.	Agreed: Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building will be integral part of the project design and 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 bye-laws requirement, whichever is higher.	Agreed: We will follow the same during the operation phase.
VI	Solar power shall be used for lighting in the apartment to reduce the power load on 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 bye-	Agreed: We will follow the same during the operation phase.



	laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	
6	<u>WASTE MANAGEMENT:</u>	
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.	Agreed: 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 will be obtained.
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.	Agreed: Muck is being disposed and is not creating any adverse effect on the neighboring communities and is being disposed taking the necessary precautions for general safety and health aspects of people, 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.	Agreed. 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.	Agreed: Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day will be installed.
V	All non-biodegradable waste shall be handed over to authorized recyclers for which a written	Agreed: All non-biodegradable waste will be handed over to authorized recyclers.



	tie up must be done with the authorized recyclers	
VI	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Agreed: Any hazardous waste generated during construction phase, is being disposed off 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	Agreed. We are using environment friendly materials in bricks, blocks and other construction materials for at least 20% of the construction material quantity. Photographs of the same is attached as Annexure- XX.
VII I	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27 th August 2003, and 25th January, 2016. Ready mixed concrete must be used in building construction.	Agreed and being complied.
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.	Agreed: Construction and Demolition Waste Management Plan has been implemented in adherence to the Construction and Demolition Waste Management Rules, 2016. We will utilize 80% percent construction and demolition waste within the project. Rest of the waste has been sent to M/s Rise Eleven Delhi Waste Management Co. The MOU between K K Birla Academy and M/s Rise Eleven



		Delhi Waste Management Co. is attached as Annexure- I Construction & Demolition plan is attached as Annexure- IA
X	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Agreed: CFLs and TFLs will be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7	GREEN COVER:	
I	No tree can be felled/transplant 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).	Agreed and noted.
II	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1: 10 (i.e. 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.	Agreed. Area for green belt development is being provided as per details provided in the project document.



III	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.	Agreed: Topsoil was stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It is stockpiled appropriately in designated areas and will be reapplied during plantation of the proposed vegetation on site.
8	<u>TRANSPORT</u>	
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. a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b) Traffic calming measures. c) Proper design of entry and exit points. d) Parking norms as per local regulation.	Agreed. Traffic circulation plan is attached as Annexure- XXI.
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.	Agreed: Vehicles hired for bringing construction material to the site are in good condition and have a pollution check certificate and conforms to applicable air and noise emission standards and are being operated only during non-peak hours. PUC of the trucks are attached as Annexure- XXII.
III	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure	Agreed. Traffic circulation plan is attached as Annexure- XXI



	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.	
9	<u>HUMAN HEALTH ISSUES:</u>	
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.	Agreed: 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 is being provided with dust mask.
II	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed. For indoor air quality the ventilation provisions will be as per National Building Code of India.
III	Emergency preparedness plan based on the Hazard identification and Risk Assessment	Agreed: Emergency preparedness plan based on Hazard identification and Risk Assessment



	(HIRA) and Disaster Management Plan shall be implemented.	(HIRA) and Disaster Management Plan are being followed.
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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed: Currently only a few labors are present in the site as excavation is going on. However, in the future when required labors are more, all the necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. would be provided to them. Photographs of sanitation facilities are attached as Annexure XXXI.
V	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed: Occupational health surveillance of the workers is being done on a regular basis. Medical certificate of workers is attached as Annexure-XXIII.
VI	A First Aid Room shall be provided in the project both during construction and operations of the project.	Agreed. First aid room is under construction; however first aid kit is readily available. Photograph of First Aid kit is attached as Annexure- XXIV
10	<u>MISCELLANEOUS:</u>	
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.	Agreed: A copy of advertisement has been advertised in two local newspapers. Advertisement for the same has been enclosed as Annexure XXV.



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.	Agreed: We have already submitted the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government. Document enclosed as Annexure XXVI .
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.	Agreed: We are in the process to make our website. We will upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on our website and update the same 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.	Agreed: We will follow the same.
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	Agreed. The company has a well laid down environmental policy duly approved by the Board of Directors. Copy of the same is attached as Annexure- XXVII



	<p>/conditions. The company shall have defined system of reporting 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.</p>	
VI	<p>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.</p>	<p>Agreed: A separate Environmental Cell both at the project and company head quarter level, with qualified personnel is being set up under the control of senior Executive, who will directly to the head of the organization. Copy of the same is attached as Annexure- XXVIII</p>
VII	<p>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.</p>	<p>Agreed. Currently excavation is going on in the site and the EMP will be implemented in the future. However, we have made action plan for EMP and same is attached as Annexure- XXIX</p>
VII I	<p>The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution</p>	<p>Agreed: We will follow the same.</p>



	Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	
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.	<p>Agreed. Land allotment document is attached as Annexure XXX</p> <p>Also, We have obtained consent to Establish vide Letter no. DPCC/CMC/2007/18083 dated 12-09-2007. Copy of same is enclosed as Annexure V A</p> <p>Also We have obtained valid Extension of consent to Establish vide Letter no. DPCC/CMC/2022/8327878 dated 03-10-2022 valid from 18/09/2022 to 17/09/2023. Copy of same is enclosed as Annexure V B.</p> <p>Further extension of validity obtained vides Certificate no. G- 34506 Consent order no.- DPCC/CMC/2023/9959431 dated 25.08.2023 valid from 25.08.2023 to 24.08.2024. Copy of same is enclosed as Annexure V C</p>
X	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	<p>Agreed: We will strictly adhere to the stipulations made by the State Pollution Control Board and the State Government</p>
XI	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their	<p>Agreed. We abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.</p>



	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).	Agreed: No further expansion or modifications in the plant will be carried out without prior approval of Ministry of Environment, Forest and Climate Change (MoEF&CC).
XII I	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed and noted
XIV	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed and noted
XV	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed and 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.	Agreed. We will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
XVI I	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act,	Agreed and noted



	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.	
XVI II	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.	Agreed.

Annexure-I

CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT PLAN

FOR

K. K. BIRLA ACADEMY LOCATED AT PLOT NO. 2, VASANT KUNJ PHASE II, INSTITUTIONAL AREA, NEW DELHI

PROJECT BRIEF:

The K. K. Birla Academy located at Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi.

The project has a two storied partly constructed building structure already existing at the project site in dilapidated condition along with a couple of small building. All these buildings would have to be demolished before the new construction starts at the project site.

In complying with the C&D Rule, the Management plans have been prepared to:

1. Promote an integrated approach, whereby environmental management of construction and demolition waste is given due consideration throughout the duration of the project;
2. Approach towards reduction of environmental impacts.
3. For construction work, where at least 80 percent construction and demolition waste shall be used in this project.

PURPOSE OF THE CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT PLAN:

The purpose of this document is to layout a guidance based on which the contractor who undertakes the construction work can chalk out a way in which he can responsibly (and safely) handle the construction and demolition debris. Traditionally the contractors have been disposing the construction waste in inexpensive and plentiful landfills. The Construction Waste Management Plan can help the contractor plan and implement waste management on the construction site.

The Plot area measures 30,600 m² (7.56 acre). The total Built-up area will be 72,610.898 m².

The existing building which has a built-up area of approx. 5,500 m² will be demolished for construction of new building. Demolition will be done in accordance with Construction & Demolition Rules, 2016.

S. No.	Description	Unit	No	L	B	H	Total
1	Basement	Sqm	1	900			900
2	Ground Floor	Sqm	1	3,300			3,300
3	First Floor	Sqm	1	1,300			1,300
Total (in Sqm)							5,500

ANALYSIS OF THE PROJECT:

This phase of the plan is basically a data gathering activity. Since the project involves demolition of existing structures the amount of waste generated would be high. Demolition waste is a major part of this project. After appropriate processing the major part of these materials meet the technical properties for reuse/recycling. We shall procure and utilize 80% materials made from demolition waste for land refiling and uplift of inside project site. Soil will be excavated up to 14 meter for basement. The excavated quantity is estimated to be 2,14,594 cum. Excess waste quantity will be dumped at DDA dumping site with permission. The project will have an overall positive impact on the existing land use and will not cause any disturbance to the local ecology. Proposed activity shall have no impact on

surroundings. Because, adequate measures will be taken to mitigate the pollution causes potential inside the project site.

Another option of demolition involves piece by piece demolition which will facilitate salvage/reuse or recycling of the materials. This process is time consuming and expensive. Also, as the building codes prohibit the use of used construction materials (due to instability).

The composition of C & D waste can vary depending on age of building being demolished / renovated or the type of buildings being constructed. The C & D waste generation varies as it depends largely on the type and nature of construction / demolition project activities which may site / project specific

C & D waste generators shall be done into four streams such as:

- Concrete
- Soil
- Steel, wood and plastics
- Bricks & mortar.

DEMOLITION WASTE CHARACTERISTICS

The old buildings will be demolished the major demolition waste is soil, sand and gravel accounting for bricks (26%) & masonry (32%), Concretes (28%), metal (6%), wood (3%) others (5%). Bricks, tiles, woods and iron metal will be sold for reuse / recycling.

Excavations, concrete, masonry and wood together constitute over 90% of all C & D waste.

The major constituents are concrete, soil, bricks, wood, asphalt and metal. Brick & Masonary, soil, sand & gravel account for over 80% of total waste.

Table 1. Typical composition of india C & D waste.

(TIFAC, 2001)

Material	Composition
Soil, Sand & Gravel	36%
Brick & Masonary	31%
Concrete	23%
Metals	5%
Bitumen	2%
Wood	2%
Others	1%

In order to reduce the amount of waste generated the most effective means is to reduce wastage which can be accomplished by minimizing the waste stream. Ordering of material in specific lengths and sizes to match the project requirement

After identifying the waste to be generated on the project, the contractor would have to convert the calculation of waste generated per square foot to Volume (m³) and weight (kgs/Tones), This is imperative as this would determine the amount and no of times the haulage of the construction waste needs to be carried out. As the transportation costs plays a very vital role in the cost of disposal therefore the contractor needs to make sure that proper and efficient transportation of the C&D waste takes place and the cost would further escalate since most of the disposal sites charge a “tipping fees” based on the weight of the waste.

THE TIMELINES FOR ACHIEVEMENT OF TARGETS.

Construction and Demolition (C & D) Waste Management Rules, 2016: Under Schedule III Timeframe for Planning and Implementation of the C & D Waste Rules (rule 13)

Table 2: Timeframe for planning and implementation

Schedule III (rule 13)

Compliance criteria	Cities with population of \geqone million	Cities with population of 0.5-0.1 million	Cities with population of $<$ 0.5 million
1. Formulation of policy by state government	12 months	12 months	12 months

2. identification of site for collection & processing facility	18 months	18 months	18 months
3. Commissioning and implementation of facility	18 months	24 months	36 months
4. Monitoring by SPCBs	3 times a year/in a 4 months	2 times a year/once in 6 months	2 times a year/once in 6 months.

ENVIRONMENTAL MANAGEMENT OF C & D WASTES.

As per C & D Waste Rules (Rule 4 sub-rule (4)). There would be no littering or deposition of construction and demolition waste so as to prevent obstruction to the traffic or the public or drains.

Following conditions would be followed.

- Indiscriminate dumping of C & D wastes will not be recommended for above mentioned project.
- Private contractors remove waste from site and dispose to Delhi Municipal Corporation along with permission.
- C & D debris will not indiscriminately be disposed along river banks or dumped in drains (Nallahs).
- As C & D waste forms a part of solid waste it will be disposed to DDA dumping site, landfills, as this is the cheapest option of disposal of C & D waste.

ENVIRONMENTAL POLLUTANTS HIGHLIGHTED UNDER C & D WASTE MANAGEMENT RULES.

In the Construction and Demolition Waste Management Rules, 2016 under **Schedule I**

Criteria for Site Selection for Storage and Processing or Recycling Facilities for construction and demolition waste [See Rule 7(1)]

Following listed environmental conditions should be followed:

Table: 3 Environmental conditions for C & D waste processing facility

Sl. as per Schedule I	Environmental conditions will be followed at site according to the above mentioned rule.
(7)	The site will be fenced or hedged with around project site. And then processing or recycling shall be carried out. Provided with proper gate to monitor incoming vehicles or other modes of transportation.
(8)	The internal roads shall be paved so as to avoid generation of dust particles due to vehicular movement and shall be so designed to ensure free movement of vehicles and other machinery.
(9)	Provisions of weigh bridge to measure quantity of waste brought at DDA dumping site, fire protection equipment and other facilities as required shall be provided.
(10)	Utilities such as drinking water and sanitary facilities (preferably washing facilities for workers) and lighting arrangements for easy landfill operations during night hours shall be provided and Safety provisions including health inspections of workers at landfill sites shall be carried out made.
(11)	In order to prevent pollution from processing or recycling operations, the following provisions shall be made, (a) Provision of storm water drains to prevent stagnation of surface water; (b) Provision of paved or concreted surface in selected areas in the processing or recycling facility for minimizing DUST and damage to the site. (c) Prevention of NOISE pollution from processing and recycling plant: (d) Provision for treatment of effluent if any, to meet the discharge norms as per Environment (Protection) Rules, 1986.

(12)	Work Zone air quality at the Processing or Recycling at site and ambient air quality at the vicinity shall be monitored.
(13)	The measurement of ambient noise shall be done at the project site with the surrounding area.

Under the C & D waste Rules 2016 '*Exemption from the compliance of norms (Schedule I (14))*', there are exemptions from the norms of pollution from **dust and noise**:

It can be noted that C & D waste management / activities are dusty. The key pollutants that impact environment are **DUST & NOISE** besides other issues.

ENVIRONMENTAL MANAGEMENT OF C & D WASTE MANAGEMENT PLAN.

The four common environmental impacts from an activity that may affect its surroundings are:

- (a) Dust
- (b) Noise
- (c) Smoke
- (d) Odour (fugitive emission)

In case of C & D waste management, the key parameters which impact environment are **DUST & NOISE**.

1. DUST – ENVIRONMENTAL POLLUTANT IN C & D WASTE OPERATIONS.

The importance of controlling dust / fine particles from construction and demolition activities are:

Dust emissions arising from C & D activities are an environmental nuisance both within the site and beyond the plant site / boundary. It can cause both serious health problems ranging from eye irritation, nose, mouth and respiratory system.

Major dust generating sources in C & D management sites are:

- Loading & unloading activities: waste & C & D products
- Incoming / outgoing vehicles
- Due to machinery used in C & D operations

DUST mitigation in C & D operations

a) Dust Noise abatement - Dust from loading / unloading operations

- Areas to be earmarked for delivery / deposition of C & D wastes.
- A sheet cover over the debris : Over designated transport vehicles at waste processing sites
- Sign boards to be displayed indicating DO'S & DONT'S
- Dust (fugitive emissions suppression systems in place): Water sprinklers to be sprayed at all unloading points.

b) Dust abatement - due to vehicle movement.

- Monitor movement of vehicles (incoming / outgoing) carrying C & D wastes or processed C & D waste products only

- Transportation of C & D wastes should be done in covered vehicles to prevent fugitive dust emission.
- Regular checking and maintenance of vehicles should be ensured (valid PUC)
- Earmark areas for parking vehicles
- Dust from roads, regular water sprinkling on haul road will suppress the dust.

c) Dust abatement – due to machinery used in C & D operations.

The C & D operations include: crushing / hammering etc., from machineries deployed at site causing dust emissions from machineries / equipment. Water sprinklers is a good practice to suppress dust emission, similar practice is adopted in stone crushing operations.

2. NOISE GENERATING SOURCES IN C & D WASTE MANAGEMENT ACTIVITIES.

- a. Machinery deployed in construction / demolition activities.
- b. Operation of Gensets (Noisy).
- c. Vehicle movement.

NOISE mitigation in C & D operations. Key points to be followed for reduce noise level.

a) Noise abatement - Machinery deployed in construction / demolition Activities

- i. Permissible days of operation to be determined as per feasibility by concerned department of the State Govt.
- ii. Restrictions on the use of horns, sound emitting construction equipment's and bursting of fire crackers:- sub rule (3) Sound emitting construction equipment's shall not be used or operated during night time in residential areas and silence zones.
- iii. The permissible noise levels will be maintained under Noise (Regulation & Control) Rules 2000 at the project boundary.
- iv. The ambient noise levels will be maintained as per CPCB's prescribed norms.

b) Noise abatement - Genset noise.

- Acoustic enclosure will be made around the DG sets.

c) Noise abatement - due to vehicle movement

- Regular checking and maintenance of vehicles should be ensured (valid PUC).
- No parking outside the plant premise.
- Earmarked areas for parking vehicles within premise.
- Smooth movement of incoming & out going vehicles / trucks.
- Roads within premise tarred.
- Minimum use of horns.

d) Noise abatement measures - Other areas.

- There will be noise due to heavy earth moving machinery / crushing etc.,
- Noise control: To control the noise regular preventative maintenance of equipment to be carried out. Regular and proper maintenance of noise generating machineries to avoid noise increase.
- Periodical monitoring of noise will be done to adopt corrective actions wherever needed.
- Ear plugs to be made available to workers during the operational hours.
- Besides the operators prepare Noise Mitigation Plan (NMP) which addresses: management and mitigation strategies to prevent an environmental nuisance caused by construction / demolition / recycling activities impacting ambient noise levels.

Other initiatives include.

- Maintain records of equipment / machinery maintenance
- Maintain records of monitored noise levels
- maintain records of complaints on noise
- Comply with Consent conditions issued by State Pollution Control Boards / PCCs and concerned authority.

3. OTHER DUST ABATEMENT MEASURES AND SAFETY ISSUES.

a) Water requirement.

- Water will be required for dust suppression, for plantation and for drinking & domestic purpose.
- No fresh water requirement shall be made for dust suppression

b) Use of 'treated waste water' (preferably) in sprinklers for dust suppression

- Treated waste water (sprinklers) to be used for washings / unloading areas / roads to suppress dust
- Import wherever feasible treated waste water from other STPs for dust suppression / sprinklers
- As ambient air quality standards will be complied.

c) Waste water Management.

- Adopt ZERO effluent discharge system
- All wash down of vehicles and equipment to be done in designated areas and wash water be transferred to nearby sewer line.

d) Residual waste disposal.

Solid waste generation / management in C & D waste operations - residues (C & D waste processing facility) to be sent to nearest landfill in consultation with concerned authorities.

e) Diesel use

Diesel use in equipment / Gensets / vehicle movement generate emissions : Necessary pollution control measures to be adopted to reduce emissions.

f) Emergency facilities: Equipment & Facilities: Mobiles, Fire-fighting equipment's, Emergency medical assistance.

g) **Protective gear** i.e. for dust and noise, goggles, helmet, face shield, hand gloves. First aid facilities to be in place.

h) Training / Awareness program :

Training at all levels to staff on the following:

1. Knowledge of machineries shall be used -Procedure for reporting emergencies, location and use of fire-fighting equipment, knowledge of alarm system, Training in first aid.
2. Environmental head to be aware of need for proper maintenance and operation of equipment / machineries etc., and conduct environmental awareness / safety program to the workers, supervisory staff and contract workers periodically.

General Mitigation Measures

- 5m high barricading will be provided to reduce dust emission and control the noise pollution.
- Trucks with loaded demolished material will be tarpaulin covered.
- Regular cleaning of roads and water sprinkling during construction & demolition phase to reduce air emission.
- It will be ensured that there will be no littering or deposition of construction and demolition waste is done outside project premises so as to prevent obstruction to the traffic or the public.
- Disposal of demolition waste through an authorized vendor.

Effective C & D Waste Management - Resource Conservation.

Some benefits of efficient recycling and reusing of C & D waste inside the project site.

- i. Reduces quantum of transportation and disposal of C & D wastes to be handled when on-site utilization is encouraged

- ii. Proper segregation of C & D waste avoids mixing with bio-degradable waste destined for MSW treatment facilities / landfills.
- iii. Promotes options for reuse / recycle of products from C & D waste.
- iv. Roads sides and vacant plots could be freed from debris dumps.
- v. Creates employment generation and market :
C & D waste management activities (segregation, reuse & recycling being labour intensive activities, generate employment opportunities).
The manufacturing & sale of recycled products creates a market this further opens further job opportunities

Annexurè IA

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter "MOU") is made and executed at Delhi on 10.03.2022.

By and Between:

M/S K.K Birla Academy, having its registered office at C-340, Chetna Marg, Block C, Defence Colony, New Delhi, Delhi-110024 hereinafter referred to as the 'First party' which expression shall unless repugnant to the context or meaning hereof mean and include its representative, successors in interest, executors, administrators, liquidators and permitted assigns, through its duly authorised Signatory, being the party of the **FIRST PART**;

And

M/S Rise Eleven Delhi Waste Management Co., a partnership concern having its office at C&D waste Site, Bakkarwala, Najafgarh Road, New Delhi-110015 hereinafter referred to as the "Second Party" which expression shall unless repugnant to the context or meaning hereof, mean and include its representative, successors in interest, executors, administrators, liquidators and permitted assigns, through its duty Authorised Signatory, being the party of the **SECOND PART**;

(The above-mentioned parties to this agreement shall also be collectively referred to as "Parties" and individually as "Party")

WHEREAS:

- A. **M/S Rise Eleven Delhi Waste Management Co.** is the Concessionaire appointed by Municipal Corporation of Delhi and authorised by DPCC for Management of C&D Waste at Bakkarwala on the land provided by MCD. (hereinafter referred to as the "said Land"). The said Land is an authorized Construction and Demolition (hereinafter referred to as "C&D") Waste Site.
- B. **M/S K.K Birla Academy** has expressed desire to send its Excavation Material & Demolished construction waste to the C&D waste site for processing of C&D waste to safely dispose construction and demolition waste.
- C. The Parties have had discussions about a proposed arrangement in which, The First Party shall undertake to transport the Excavation Material from its own Site to the said Land;
- D. And The Second Party has represented that they are the authorized, registered and licensed under Delhi Pollution Control Committee and have a state of the art set up for processing of C&D waste to safely dispose C&D waste and have accepted the request of First Party on mutually agreed terms and conditions for the disposal and processing of their C&D waste at the plant of second party.
- E. The Parties have therefore decided to enter into this MOU to record their understandings and further terms and conditions for the purposes stated above.



For Rise Eleven Delhi Waste Management Co.
[Handwritten Signature]

Authorised Signatory

NOW THEREFORE IN CONSIDERATION OF THE MUTUAL COVENANTS AND OBLIGATIONS IT IS AGREED AS FOLLOWS:

1. First Party hereby agrees to transport the C&D Waste to the said land for safe disposal of the Waste, on the understandings as contained in this MOU.
2. The Second Party hereby undertakes that:
 - (a) They shall store the C&D Waste sent by the First Party at their own cost;
 - (b) The transportation and disposal of the C&D Waste to the said Land shall be carried out on daily basis, or at such other intervals and at such time of the day, as convenient to the Parties; and
 - (c) They shall acquire, at its own cost, any licence, permission, approval, grant, etc., as may be required under any existing or future law for its obligations in relation to the subject matter hereof.
 - (d) They shall provide all necessary support and assistance to the First Party for carrying out the disposal and transportation of the C&D Waste to the said Land.
 - (e) They shall allow the trucks, personnel, etc. of the First Party to enter into the said Land for the transportation of the C&D Waste, and also for any other purpose incidental to such safe disposal of C&D waste, as may be necessary for the same.
3. The Parties hereby intend to make this MOU, and all provisions and covenants contained herein to be binding on each other, and the Parties agree to that the rights and responsibilities of the Parties shall become the legal obligations of such Party.
4. The Second Party hereby represents and warrants that they are the legal and rightful owner of the C&D Waste Site and the Second Party has all the requisite power, authority, permission, approval, and/or licences, etc., to supply/provide to the First Party the C&D Waste Site for the safe disposal of the C&D Waste transported by the First Party. The Second Party hereby agrees to indemnify and hold the First Party harmless, at all times during or after the subsistence of this MOU, immediately on demand against any cost, loss or liability, including attorney fees, suffered by the First Party on account of or in relation to the breach of this clause, or any other reason incidental to it, by the Second Party.
5. The First Party hereby agrees and covenants that this MOU is a fixed tenure arrangement between the Parties and the terms and conditions hereof shall not be varied except by way of written agreement by both the Parties. The Second Party agrees to enter into any other memorandum, agreement, arrangement, etc., as may be required for giving effect to the understandings recorded in this MOU.
6. This MOU may be terminated by either Party by giving an advance written notice of [2 (two) months] to the other Party from the date of intended termination.
7. All notices, certificates, acknowledgments and other reports sent by a Party under this MOU, shall be in writing and shall be deemed properly delivered when duly mailed by



For Rise Eleven Delhi Waste Management Co.

[Signature]
Authorised Signatory

[registered post] to the other Party at its address as follows, or to such other address as either Party may, by written notice, designate to the other.

M/S K.K Birla Academy

**M/S Rise Eleven Delhi Waste
Management Co.,**

Site Address: Plot No.2, Institutional
Are, Vasant Kunj, Phase-2, South west
Delhi.

Address: C&D waste site, Bakkarwala,
Najafgarh Road, Delhi.

8. This MOU is not intended by the Parties to constitute or create a joint venture, pooling arrangement, partnership, or formal business organization of any kind, other than for the purpose mentioned above, and the rights and obligations of the Parties shall be only those expressly set forth herein. The First Party and Second Party shall remain as independent contractors at all times and neither Party shall act as an agent for the other.
9. Neither Party may assign or transfer its interest hereunder or delegate its duties without the prior written consent of the other Party.
10. If any part, term, or provision of this MOU shall be held void, illegal, unenforceable, or in conflict with any law or regulation having jurisdiction over this MOU, the validity of the remaining portions or provisions shall not be affected thereby. In the event that any part, term or provision of this MOU is held void, illegal, unenforceable, or in conflict with any law or regulation having jurisdiction over this MOU, the Parties agree to include a replacement provision, construed to accomplish its originally intended effect that does not violate such law or regulation.
11. The Parties represent and warrant the entering into this MOU shall not violate or contravene the provisions of any law to which they are subject, or with any other agreement/arrangement/MOU/deed etc. executed by either of the Parties hereto.
12. Each Party shall be responsible for its respective present and future costs, taxes, duties, tariffs, fees, imports, and other charges imposed upon the responsible Party by any taxing authority, regulator, government authority, etc., as a result of the performance of the Party's duties and responsibilities hereunder.
13. Both the Parties affirm that they shall implement the understandings recorded in this MOU in good faith and shall take all necessary steps expeditiously.
14. This MOU shall be governed by and construed in accordance with Indian law. Any legal action or proceedings arising out of this MOU shall exclusively be submitted to the courts or tribunals at New Delhi, India.
15. **Arbitration:** The Parties shall attempt to amicably resolve any dispute, controversy, or claim arising under or relating to this MOU. If the Parties reach an impasse in resolving such dispute,



For Rise Eleven Delhi Waste Management Co.

Authorized Signatory


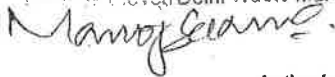
either Party may refer the dispute to binding arbitration under the Arbitration and Conciliation Act, 1996, as amended from time to time, and the rules framed thereunder, by three (3) arbitrators appointed in accordance with said Rules. All proceedings will be conducted in the English language applying the applicable law of this MOU with the location of the arbitration in New Delhi. The Parties shall share equally the costs of the arbitration unless and until the arbitral panel in the final award apportions the fees.

16. This MOU shall override and replace any and all previous memorandum of understandings, commitments or agreements, oral or written, existing between the Parties as on the date of execution of this MOU.

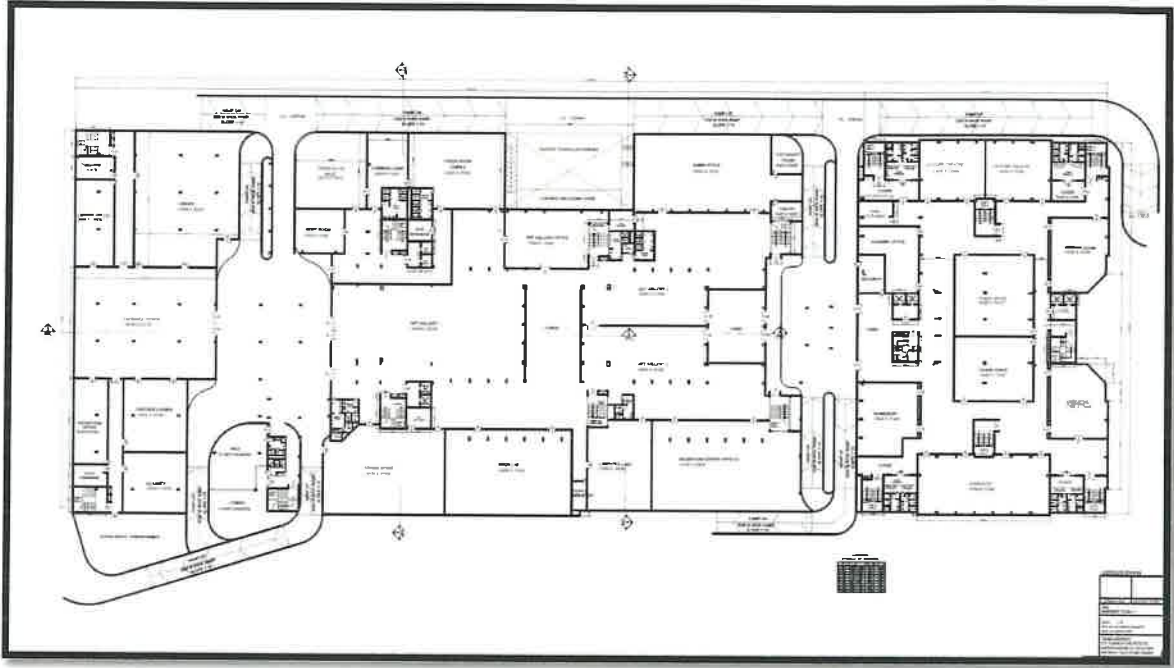
IN WITNESS WHEREOF the Parties have signed this Memorandum of Understanding of the day, month and year first hereinabove written.

THAT THE DURATION OF THE AGREEMENT WILL BE AS UNDER:-

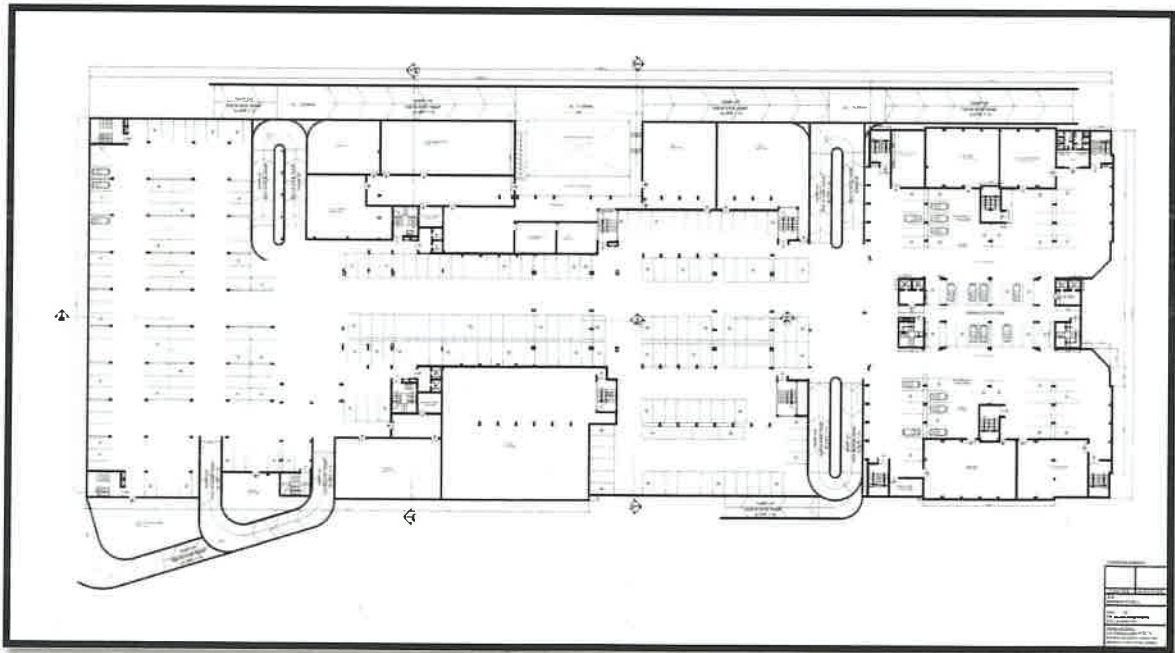
- This agreement shall be effective for TWO YEARS and commence from 11.03.2022 to 10.03.2024.

M/S K.K Birla Academy	M/S RISE ELEVEN DELHI WASTE MANAGEMENT CO.
Signature 	Signature For Rise Eleven Delhi Waste Management Co.  Authorised Signatory
<u>PARTICULARS OF SIGNATORY</u> NAME: <i>Suraj Bhatt</i> Auth. Signatory	<u>PARTICULARS OF SIGNATORY</u> NAME: MANDI SAKENA Auth. Signatory

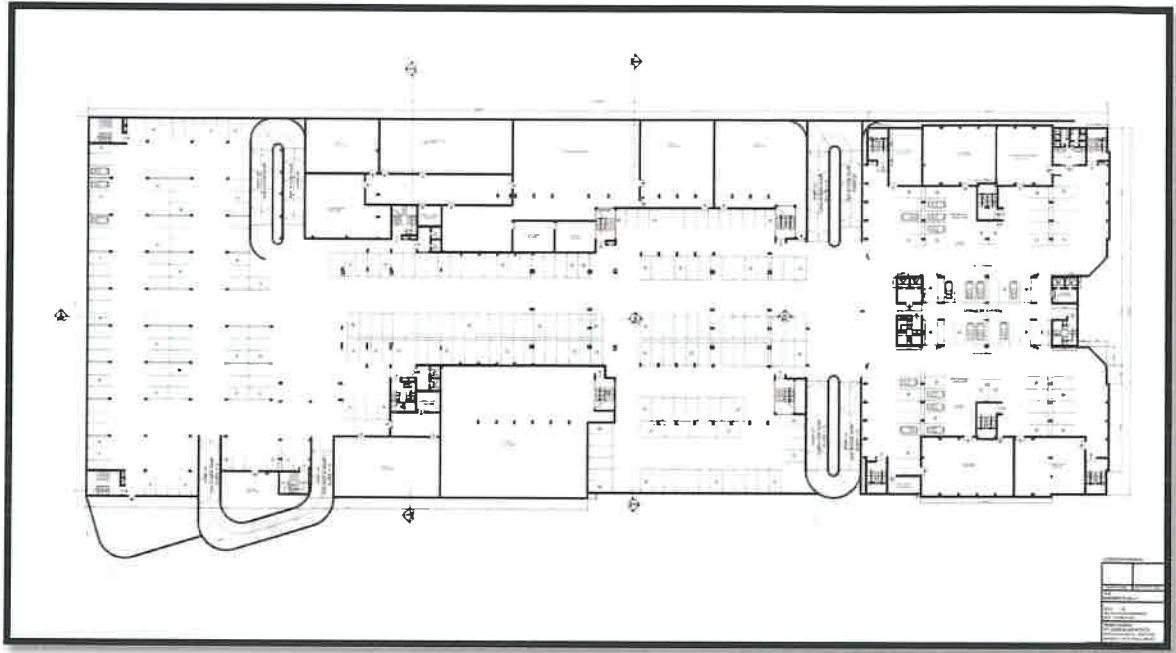
BASEMENT PLAN 1



BASEMENT PLAN 2



BASEMENT PALN 3



ANNEXURE IV

F. No. 21-22/2021-IA-III

Government of India

Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003

May 21st, 2021

To,

Shri Jogendra Singh

M/s K.K. Birla Academy
508, Surya Kiran Building, 5th Floor,
19, Kasturba Gandhi Marg,
New Delhi-110001
Email: kkbirla2021@gmail.com

Subject: **Environmental Clearance for Construction of K.K. Birla Academy with built-up area 72,610.898 sqm at Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi by M/s. K.K. Birla Academy - Regarding**

Sir,

This has reference to your Application/Proposal No. IA/DL/MIS/203403/2021; received on 16th March, 2021 through Parivesh Portal for Environmental Clearance (EC) for Construction of K.K. Birla Academy with built-up area 72,610.898 sqm at Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi by M/s. K.K. Birla Academy.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006; as amended and notified under the Environment (Protection) Act, 1986 (29 of 1986), the above-mentioned project/activity is covered under category 'B' of item 8(a) 'Building and Construction projects' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to non-existence of SEIAA in Delhi, the proposal required appraisal at Central level by sectoral EAC.

3. Accordingly, the abovementioned proposal for Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) in its 63rd meeting held on 19th March, 2021.

4. The details of the project, as per the Application and documents submitted by the project proponent, and also as informed during the above-mentioned meetings of EAC (Infra-2) are as under:

- i. The project is located at Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi with coordinates 28°32'35.77"N Latitude and 77°8'57.95" E Longitude.
- ii. It is a new project. The proposal is for 'Fresh EC'.
- iii. Earlier, Clearance was granted by MoEF&CC Vide File No-21-114/2007-

IA.III dated 02.04.2007 and 30% of construction had been completed at project site. Thereafter, it was directed to stop construction work at site vide letter no. F.52 WFD/TCOFF/07/1665-67 dated 22.12.2008 received from Office of Deputy Conservator of Forests. The matter got resolved vide File No. 9(12)/DPTA/THL/Compounding/2012-13/3179-84 dated 22.09.2014 issued by Office of Deputy Conservator of Forests and it was allowed to start construction at the site. Meanwhile, validity of the earlier granted Environmental Clearance got expired and bye-laws were also revised. Therefore, planning has been revised as per the latest bye-laws and a fresh application for environmental clearance has been submitted.

- iv. Demolition of the earlier construction will be done as per the Construction and Demolition Waste Management Rules, 2016.
- v. The total plot area is 30,600 sqm; FSI area is 33,875.175 sqm and total construction (Built-up) area of 72,610.898 sqm. The project will comprise of Basement (03 No.s), Habitable Area and Office Building. Maximum height of the building is 13.075 m. The details of building are as follows:

S.No.	Particulars	Total Area (sqm)
1.	Total Plot Area	30,600
2.	Permissible Ground Coverage (@35% plot area)	10,710
3.	Proposed Ground Coverage (@24.95% plot area)	7,636.074
4.	Permissible FAR (@1.2 plot area)	36,720
5.	Proposed FAR	33,875.175
	• Basement 1	16,589.835
	• Block 1 & 2	
	➤ Ground Floor	3,956.018
	➤ First Floor	3,086.218
	• Block 3	
	➤ Ground Floor	2,560.776
	➤ First Floor	2,560.776
	➤ Second Floor	2,560.776
	➤ Third Floor	2,560.776
6.	Non-FAR Area	38,735.723
	• Basement 1	670.36
	• Basement 2	17,730.295
	• Basement 3	17,730.295
	• Block 1 & 2	
	➤ Ground Floor	330.08
	➤ First Floor	312.637
	➤ Terrace	400
	• Block 3	
	➤ Ground Floor	289.514
	➤ First Floor	289.514
	➤ Second Floor	289.514
	➤ Third Floor	289.514
	• Terrace	404
7.	Total Built Up Area (5 + 6)	72,610.898

8.	Green Area Proposed (@40.71 % plot area)	12,459.92
9.	Maximum height of the building up to terrace level (meter)	13.075

- vi. During construction phase, total water requirement is expected to be 100ML, which will be met by private water tankers. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.
- vii. During operational phase, total water requirement of the project is expected to be 119 KLD of which total fresh water requirement will be 39 KLD and the same will be met by Delhi Jal Board. Remaining 80 KLD recycled water will be sourced through treated water from STP. Wastewater generated is 74 KLD which will be treated in STP of total 90 KLD capacity. 67 KLD of treated wastewater will be recycled and reused for flushing (43 KLD), for gardening (approx. 24 KLD during summer, 23 KLD during winter and 6 KLD during rainy season) etc. About 13 KLD treated water will be sourced from DJB for horticulture use during summer. About 18 KLD excess treated water (during rainy season) will be supplied to the nearby construction site for the purpose of water sprinkling & washing of the commercial vehicle tyres of the vehicles used in transportation of raw material.
- viii. About 593 Kg/day solid wastes will be generated in the project. The biodegradable waste 178 kg/day will be processed in OWC and the non-biodegradable waste generated 356 kg/day will be handed over to authorized local vendor.
- ix. The total power requirement during construction phase is 6,629.65 KW and will be met from BSES Rajdhani Power Ltd. 6 DG Sets of total capacity 7,700 kVA (5 x 1,500 kVA + 1 x 200 kVA) will be provided for Power Backup.
- x. Rooftop rainwater of buildings will be collected in 03 RWH pits of 78.5 cu.m capacity each.
- xi. Parking facility for 740 ECS is provided against the requirement of 735 ECS (According to local norms).
- xii. Proposed energy saving measures would save about 15-18% of power. 5 % of electrical load will be met through solar power.
- xiii. To ensure no major impact on Air, Water, Noise, Ecology from proposed project/activity, water sprinkling will be carried out for dust suppression, waste water will be treated in-house STP, rainwater harvesting system is proposed to augment ground water resources and site will be enclosed with 10 m high barricade around the project boundary which will act as a wind breaker.
- xiv. The project is not located in Critically Polluted area.
- xv. Asola Bhatti Wildlife Sanctuary is about 6.7 km (S-E) direction from project site. However, the project is situated outside the notified Eco Sensitive Zone of Asola Bhatti Wildlife Sanctuary. NBWL Clearance is not required.
- xvi. Forest Clearance is not required.
- xvii. No Court case is pending against the project.
- xviii. Total green area provided is 12,459.92 sqm and 910 No.s trees will be planted. No tree felling/transplantation is involved.

- xix. The construction of project requires demolition of already constructed parts of the building and waste will be handled as Construction and Demolition Waste Management Rules, 2016.
- xx. Expected timeline for completion of the project is 24-36 months from the date of grant of EC.
- xxi. Investment/Cost of the project is Rs. 258.58 Cr.
- xxii. Employment potential is 1182 persons during operation phase.
- xxiii. Benefits of the project: The project is leading to development of the area by providing employment of the local people and better infrastructure.

5. The EAC (Infra 2), based on information and clarifications provided by the project proponent and detailed discussions held on the issues, has recommended granting environment clearance to the project. The aforesaid recommendation of EAC (Infra-2) is subject to certain specific conditions, as stipulated during its 63rd meeting held during 19th March, 2021.

6. Based on recommendations of EAC (Infra-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project for Construction of K.K. Birla Academy with built-up area 72,610.898 sqm at Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi by M/s. K.K. Birla Academy, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the following specific and standard conditions:

A. Specific Conditions:

- i. Construction and Demolition Waste Management Plan shall be implemented in adherence to the Construction and Demolition Waste Management Rules, 2016. As committed, at least 80 percent construction and demolition waste shall be used within the project.
- ii. Fresh water requirement from local authority shall not exceed 39 KLD during operational phase. As committed, no groundwater abstraction shall be done during construction as well as operation phase of the project.
- iii. As proposed, waste water shall be treated in an onsite STP of total 90 KLD capacity. Atleast 67 KLD treated water from the STP shall be recycled and re-used for flushing, and gardening purposes. Excess treated water (approx. 18 KLD during rainy season) shall be used for construction purpose, wheel washing or for horticultural purpose in the nearby areas as proposed.
- iv. 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.
- v. The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste. As committed, biodegradable waste shall be composted by use of OWC. Inert waste shall be dumped to authorized site. The recyclable waste shall be sold to resellers.

- vi. Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation/greenery will be 12,459.92 sqm. As proposed, at least 910 trees to be maintained during the operation phase of the project. The landscape planning 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.
- vii. The local bye-law provisions on rain water 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 Byelaws, 2016. As proposed, 3 nos. of RWH pits shall be maintained for rainwater harvesting after filtration.
- viii. The PP shall also provide electric charging points in the parking areas for e-vehicles as committed.
- ix. At least 5% of electrical load shall be met through solar power as committed.
- x. 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.

B. Standard Conditions:

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 byelaws.
- 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 lightening etc.
- 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.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- 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.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.



- 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 obtained.
- 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.
- 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.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

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.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- 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 PM_{2.5}) covering upwind and downwind directions during the construction period.
- 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.
- 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.
- vi. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled 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.

- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and 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.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring 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 rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. The quantity of fresh water 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.
- 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 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.
- v. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- 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.
- 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.
- 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.
- ix. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- x. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xi. A rain water 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 fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.

- xii. All recharge should be limited to shallow aquifer.
- xiii. No ground water shall 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.
- xv. The quantity of fresh water 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.
- xvi. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xvii. No sewage or untreated effluent water would be discharged through storm water drains.
- xviii. Onsite sewage treatment of capacity of treating 100% waste water 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 waste water 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 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.
- 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 Sewage Treatment Systems, 2013.

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.

- 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.
- 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.

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.
- ii. Outdoor and common area lighting shall be LED.
- 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.
- 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.
- 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 bye-laws requirement, whichever is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on 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 bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

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.
- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring 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.
- 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.
- 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.

- 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.
- vi. Any hazardous waste generated during construction phase, shall be disposed off 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.
- viii. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- 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.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover:

- i. No tree can be felled/transplant 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).
- ii. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. 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.
- iii. 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.

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.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.

- 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.
- 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.

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.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- 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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

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.
- 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.
- 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.
- 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.
 - 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 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.
 - 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.
 - 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
 - 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.
 - 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.
 - x. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - xi. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their 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).
 - xiii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xiv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

- xv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 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.
- xvii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 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.

7. The Environmental Clearance is being granted to M/s. K.K. Birla Academy for Construction of K.K. Birla Academy with built-up area 72,610.898 sqm at Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi.

8. This issues with the approval of the Competent Authority.


(Dr. Dharmendra Kumar Gupta)
Director (S)

Copy to:

1. Principal Secretary (Environment and Forest) cum Chairperson (DPCC), Department of Environment, Government of NCT of Delhi, 6th Floor, C Wing, Delhi Secretariat, I P Estate, Delhi-110002
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Jaipur Camp Office, 5th Floor, Sector "H" Aliganj, Lucknow - 226020
3. Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
5. Guard File/ Record File/ Notice Board/MoEF&CC website.


(Dr. Dharmendra Kumar Gupta)
Director (S)

ETZ

Delhi Pollution Control Com. nit 2e

4th Floor, ISBT Building, Kashmere Gate, Delhi-110006.



CONSENT ORDER

Despatch No. 17378
Date 12.9.07

Certificate No.: O-006277

Name of the Unit: K.K. BIRLA ACADEMY

Address: PLOT NO-2, PHASE-II, VASANT KUNJ
DELHI

Consent Order No.: DPCC/CMC/2007/18083

Date of Issue: 12-09-2007

Product/Activity: MUSEUM/RESEARCH CENTER

Date of Expiry: 11-09-2008

This Consent to ESTABLISH is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under Orange Category. This consent is subject to terms and conditions specified overleaf.

AS FOLLOWS:

- Particulate Matter
- Sulphur dioxide
- Oxides of Nitrogen
- Carbon monoxide

Prescribed Standards

Particulate Matter (PM ₁₀)	2.1 mg/m ³
Particulate Matter (PM _{2.5})	1.1 mg/m ³
Sulphur dioxide	15.7 mg/m ³
Oxides of Nitrogen	1.0 mg/m ³
Carbon monoxide	1.0 mg/m ³
Chlorine (as Cl ₂)	1.0 mg/m ³
Ammonia	0.5 mg/m ³
Temperature	shall not exceed 10°C above the ambient temperature of the receiving body
Bioassay Test	100% survival of fish at 96 hr



Issuing Authority: [Signature]
(Stamp)

Verified by: [Signature]



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi)

4th & 5th Floor, ISBT Building Kashmere Gate, Delhi 110006

(Visit us at <https://www.dpccocmms.nic.in>)

CONSENT ORDER

Certificate No. :G-26934

Name of the unit	:	K. K. Birla Academy
Address	:	Plot No. 2, Vasant Kunj Phase II, Institutional Area, New Delhi, Housing Complexes, Commercial Complexes (including shopping malls), office complexes including IT and Infrastructural and Town Development Projects (Built Up Area 20000 sq. meters and above), Delhi - 110001
Consent Order No	:	DPCC/CMC/2022/8327878
Date of issue	:	03/10/2022
Product/Activity	:	Shopping Malls, Housing / Commercial/ Office Complexes having built up area 20,000 sqm and above
Manufacturing Activities	:	K.K. Birla Academy
Category Name	:	[RED]
Product Capacity	:	00 Metric Tonnes/Day

This Consent to **Establish** is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under **RED** Category. This consent is subjected to terms and conditions specified overleaf. **This is being issued with reference to your application id 8327878 valid from 18/09/2022 to 17/09/2023.**

PANKAJ KAPIL
Digitally signed by PANKAJ KAPIL
Date: 2022.10.11 15:44:04 +05'30'

Incharge, EIA Cell

Terms and Conditions

1. The Consented shall meet the effluent standards i.e. pH= 5.5-9, Total Suspended Solids (TSS) 30, Bio-chemical Oxygen Demand (3days at 27degree Cent.) 20, COD 250, Oil and Grease10, Ammonical Nitrogen (as N) 50, Nitrate Nitrogen 10, Dissolved Phosphate (as P) 5. #All effluent parameters are in mg/l expect pH value. Parameters are in mg/l expect pH value.
2. The Consent is activity specific and based on the information provided in the consent application along with the documents/ subsequent documents/information submitted to Delhi Pollution control Committee (DPCC). The Consentee shall apply for fresh consent in case of any change in the activity /manufacturing process.
3. The Consentee shall display the Name of the unit along with its Address, name of the proprietor/ Directors/ partners etc., Contact Phone No(s) and its Activities Processes/ Product etc., on a Display Board be placed/ fixed at the main gate of the unit.
4. The Consentee/unit shall have/take separate Electricity/ Power connection in its name and shall have/ install separate meter in this regard.
5. The Consentee shall provide and maintain separate drainage system for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system and shall be connected to the conveyance system/ sewerage system of the area leading to common Effluent Treatment Plant of the Industrial Area/ Sewage Treatment Plant of the catchment area.
6. The Consentee shall obtain permission from Delhi Jal Board for ground water extraction, if any, as per the various orders/Notification of Govt. of NCT of Delhi.
7. The Consentee shall ensure proper channelization/ control system for fugitive emissions generated from the various activities/ processes of the unit and maintain good housekeeping practices so as to maintain clean & safe environment in and around the premises of the unit.
8. The Consentee shall comply with the noise standards laid down vide Gazette Notification of Ministry of Environment and Forest (MOEF), Government of India Dated 17.05.2002 & 12.07.2004, as amended to date, for the Diesel Generator Set(s) and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other Requirements], if any, as per the Gazette Notification of MOEF, Dated 09.07.2002, as amended to date. Stack Height (Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following (i) Minimum 6 meter above the building where generator set is installed (ii) 30 meter (iii) $14Q^{0.3}$ (Q Total so₂ emission from the plant in kg/hr) and for other DG Set(s) (upto 0.8 MW) stack height shall be as per the following formula, $H = h + 0.2\sqrt{KVA}$ (H-Total Height of stack in meter , h = Height of the building in meters where the Generator Set is installed, KVA -Total Generator capacity of the set in KVA).
9. The Consentee shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended to date, the Batteries (Management and Handling) Rules, 2001 as amended to date, Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date, wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed only through the Recycler/ Reprocessor /Authorized Agencies for such wastes, authorized by MOEF/Central Pollution Control Board/State Pollution Control Board/Committee/DPCC as per details available on their websites.
10. The Consentee shall comply with the provisions of the Plastic Waste Management Rules, 2016, as amended to date, if applicable.
11. The Consentee shall comply the other prescribed standards of Effluent/Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000 as amended to date.

12. The Consentee shall promote the use of CFL and recovery of mercury from CFL Lamps and should create a system of replacing of old bulbs for new to enable recovery of mercury after the bulbs are fused.
13. The Consentee shall not carry out any activity falling under the Prohibited/ Negative list of Industries (Annexure III of MPD -2021) which are prohibited in National Capital Territory of Delhi, as per Master Plan of Delhi.
14. Quantity of Sewage/ trade effluent discharge from the unit shall not exceed Nil litre/Day (100 % waste water recycling and zero waste water discharge).
15. The Consentee shall install adequate Sewage Treatment Plant of 90 KLD capacity to meet prescribed standard as given the consent order before operation of the project.
16. The zero waste water discharge condition to be achieved with installation of onsite sewage treatment plant. Trade effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. The STP should be certified by an independent expert and report in this regard should be submitted to Delhi Pollution Control Committee before the project is commissioned for operation. Necessary measures should be made to mitigate the odor problem from STP.
17. The treated wastewater shall be recycled and reused for Horticulture/ landscape/cooling/flushing purposes to reduce the demand of fresh water as committed.
18. The project proponent shall provide electromagnetic flow meter at the inlet and outlet of the water supply, Inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.
19. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Delhi Pollution Control Committee on six monthly basis.
20. Capacity of the Diesel Generator Set (s) proposed to install in the unit shall be 5X1500 KVA & 1x200 KVA. The Consentee shall provide and maintain the Acoustic Enclosure/ Acoustic Treated room for DG Set(s) in good condition and provide the adequate stack height for DG Set(s) to meet the prescribed standards/ norms. The Consentee shall not operate the DG Set(s) till compliance of the prescribed norms/standards for DG Sets. The D.G. Sets install for construction purposes shall also comply with the prescribed norms/standards.
21. The Consentee shall comply with the applicable provisions / Directions given vide Gazette Notification of Department of Environment, Govt. of NCT of Delhi, dated 23.10.2012 including the directions that no person shall manufacture, import, store, sell or transport any kind of plastic carry bags (including that of Poly Propylene, Non-woven fabric type carry bags) in the whole of National Capital Territory of Delhi.
22. The Consentee shall provide wide spread Green Cover and the use of Fly Ash as per Fly Ash notification dated 14.09.1999 shall be mandatory.
23. Project proponent will ensure use of Ozone depletion substances (ODS) free appliances so that no toxic gases in air conditioning / refrigeration / fire extinguishers are created.
24. During construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 04.12.2014 and 10.04.2015 in O.A. No. 21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhman Kaushik Vs., Union India and other and Sanjay Kulshreshtha Vs. Union of India and Ors. , notified by MOEF and CC, GOI vide Notification no. G.S.R. 94(E) dated 25.01.2018 and Hon'ble Supreme Court orders dated 13.01.2020 in WPC No. 13029/1985 titled M.C. Mehta Vs Union of India & others making the use of anti-smog gun compulsory in the projects that require Environmental Clearance from the State/ Central level on site having built-up area of more than 20,000 sqm including excavation, material handling and other dust generating activities. The Consentee shall ensure the compliance of the extant directions issued by CAQM / CPCB/ DPCC under GRAP.
25. It will be the responsibility of the project proponent to obtain prior clearances/approval and ensure compliances under all other relevant Acts/ Rules/ Regulations/ guidelines/ instructions/ Court

Orders/Tribunal Orders as applicable to this project before starting of the project.

26. The Consentee shall comply with the provisions of Solid Waste Management Rules, 2016.

27. Unit shall implement the environmental safeguards as per stipulations in Environmental Clearance issued by SEIAA Delhi and shall submit half yearly compliance report in respect of the terms and conditions of Environmental Clearance to Regional Office of MoEF and simultaneously to DPCC on the prescribed date.

28. The Consentee shall not extract the Ground Water without obtaining prior permission in this regard from DJB / CGWA. The Consentee shall ensure that there is no bore well in the premises and if exist, same shall be close / sealed with immediate effect till permission received from DJB / CGWA.

29. The Consentee shall submit application for extension of the Consent / Consent to Operate, one month in advance of the expiry date of this Consent Order.

30. This consent is being granted focusing only on the Water Act 1974/ Air Act 1981. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD2021, Building Control Regulations and Safety Regulations. The investment made in the project, if any, based on Consent so granted, in anticipation of the clearance from other statutory authorities shall be entirely at the cost and risk of the project proponent DPCC shall not be responsible in this regard in any manner.

31. Project Proponent is allowed to run the pollution control devices and collect and test the data. The trial for three aforesaid purpose is permitted within the period of maximum three months from the date of completion. The Consentee shall give prior intimation, to DPCC, of the dates on which trial would starts and end. Thereafter Project Proponent shall apply for Consent to Operate along with requisite details and test reports to DPCC

32. The Consentee shall abide by the Guideline on Environmental Management of Construction and Demolition (C and D) Waste and Guidelines on Dust Mitigation Measure in Handling Construction Material and C and D waste developed and published by CPCB available at www.cpcb.nic.in.

33. The Consentee shall display the enclosed template of Notice for Construction and Demolition Waste Management at the site.

34. The Consentee shall ensure the compliance of policy to be followed regarding operation of Ready Mix Concrete Plants (RMC Plants) issued vide office order No. DPCC/CMC I/RMC/2017/2596 to 2614 dated 27.12.2017 (available at DPCC website).

35. In the event of any information furnished by the Consentee found to be false OR in case of failure to comply with any of the above mentioned consent conditions, consent granted through this Consent Order shall be deemed to be revoked without any notice and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.

36. Notwithstanding anything contained in this consent order. Delhi Pollution Control Committee, reserves its right to review any / or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of the Air (Prevention and Control of Pollution) Act, 1981, as amended to date and the Water (Prevention and Control of Pollution) Act, 1974, as amended to date.

37. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee / unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.

38. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee / unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.

This issues in view of the Office Order dated 12.04.2016 regarding processing of the Consent to Establish cases.

Annexure-VC



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building

Kashmere Gate, Delhi 110006

(Visit us at <https://www.dpccomms.nic.in>)



CONSENT ORDER

Certificate No. :G-34506

Name of the unit : K. K. Birla Academy
Address : Plot No. 2, Vasant Kunj Phase II,
Institutional Area, New Delhi, Housing
Complexes, Commercial Complexes
(including shopping malls), office
complexes including IT and Infrastructural
and Town Development Projects (Built Up
Area 20000 sq. meters and above), Delhi -
110001
Consent Order No : DPCC/CMC/2023/9959431
Date of issue : 25/08/2023
Product/Activity : Shopping Malls, Housing / Commercial/
Office Complexes having built up area
20,000 sqm and above
Manufacturing Activities : Not Applicable
Category Name : [RED]
Product Capacity : 00 Metric Tonnes/Day

This Renewal of Consent to **Establish** is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under **RED** Category. This is being issued with reference to your old consent to establish having certificate no G-20279 and current application id 9959431 for renewal of CTE. The consent is valid from 25/08/2023 to 24/08/2024.

All terms and conditions stipulated in earlier granted consent to **Establish** shall remain same, however following terms and conditions shall also be applicable for compliance.

This is system generated and does not require any authentication/ signature.

Terms and Conditions

1. The Consentee shall meet the prescribed parameters/ effluent standards as applicable for the activity.
2. The Consent is activity specific and based on the information provided in the consent application along with the documents/ subsequent documents/information submitted to Delhi Pollution Control Committee (DPCC). The Consentee shall apply for fresh consent in case of any change in the activity/ manufacturing process.
3. The consentee shall display the Name of the unit along with its Address, name of the proprietor/Directors/partners etc, Contact Phone No(s) and its Activities Processes/Product etc, on a DisplayBoard to be placed/fixed at the main gate of the unit.
4. The consentee/ unit shall have/take separate Electricity/ Power connection in its name and shall have/install separate meter in this regard.
5. The consentee/ unit shall have/take separate Electricity/ Power connection in its name and shall have/install separate meter in this regard.
6. The Consentee shall obtain permission from Delhi Jal Board. for ground water extraction, if any, as per the various orders/Notification of Govt. of NCT of Delhi.
7. The Consentee shall ensure proper channelization/ control system for fugitive emissions generated if any; from the various activities/ processes of the unit and maintain good housekeeping practices so as to maintain clean & safe environment in and around the premises of the unit.
8. The Consentee shall comply with the noise standards laid down vide Gazette notification of Ministry of Environment and Forest(MOEF), Government of India Dated 17.05.2002 & 12.07.2004, as amended to date, for the Diesel Generator Set(s) if any and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other requirements],if any, as per the Gazette Notification of MOEF, Dated 09.07.2002, as amended to date; Stack Height for sets(Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following (i)Minimum 6 meter above the building where generator set is installed (ii) 30 meter (iii) $1.4Q^{0.75}$ (Q Total So₂ emission from the plant in kg per hr) and for other DG Set(s) (up to 0.8 MW) stack height shall be as per the following formula, $H = h + 0.2\sqrt{KVA}$ (H-Total Height of stack in meter , h =Height of the building in meters where the Generator Set is installed, KVA -Total Generator capacity of the set in KVA).
9. The Consentee shall comply with the provisions of the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016, as amended to date, the Batteries (Management and Handling)Rules, 2001 as amended to date, Solid Waste Management Rules,2016 and E-Waste (Management) Rules,2016, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date, wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed only through the Recycler/Reprocessor/ Authorized Agencies for such wastes, authorized by MOEF/Central Pollution Control Board/State Pollution Control Board/ Committee/ DPCC as per details available on their websites.
10. The Consentee shall comply with the provisions of the Plastic Waste Management Rules,2016, as amended to date, if applicable.
11. The Consentee shall comply the other prescribed standards of Effluent/Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000.as amended to date.
12. The Consentee shall promote the use of LED/ CFL and recovery of mercury from LED/ CFL Lamps and should create a system of replacing of old bulbs for new to enable recovery of mercury after the bulbs are fused.
13. The Consentee shall not carry out any activity falling under the Prohibited/ Negative list of Industries (Annexure III of MPD -2021) which are prohibited in National Capital Territory of Delhi, as per Master Plan of Delhi.

14. Quantity of Effluent/Sewage Discharge from the unit shall not exceed than the informed quantity.
15. The Consentee shall dispose of its industrial solid waste as per SWM rules 2016.
16. The Consentee shall properly operate and maintain the ETP/ STP if applicable to meet the prescribed standards.
17. Flow Meters/ suitable flow measuring devices shall be provided and maintained to measure the quantity of waste water generation and treatment by the unit and to quantify the reused of treated water . No bypass (Pipe / Drain) shall be provided. The treated effluent shall be used/ recycled by the unit. Records/ Logbook shall be maintained for the operation of the STP if installed, waste water generated, treated and used/recycled and shall be produced during the inspection of DPCC official(s).
18. The Consentee shall properly operate and maintain the ECS if installed to meet the prescribed standards as given in the Consent Order. No bypass stack/ arrangement shall be provided. Records /Logbook shall be maintained for the operation of the ECS and shall be produced during the inspection of DPCC official(s).The Consentee shall provide and maintain ports in the Stack(s)/ Chimney(s) and facilities such as ladder, platform etc. in good condition for monitoring of the emissions.
19. The Consentee shall properly maintain the Acoustic Enclosure/ Acoustic Treated room for DG Set(s) if installed in good condition and maintain the adequate stack height for DG Set(s) to meet the prescribed standards/ norms. The Consentee shall not operate the DG Set(s) till compliance of the prescribed norms/standards for DG Sets. The Consentee shall ensure the compliance of the extant directions issued by CAQM / CPCB/ DPCC under GRAP.
20. The Consentee shall switch over its fuel to PNG fuel (wherever the PNG fuel pipeline supplied by IGL) with immediate effect and submit the compliance report within 30 days of issuance of this consent order.
21. In case of Construction and Demolition activity the project proponent will ensure use of ozone depletion substances (ODS) free appliances so that no toxic gases in air conditioning/ refrigeration/ fire extinguishers are created.
22. Zero garbage concepts shall be implemented with appropriate technology of composting, if applicable.
23. The Consentee shall not extract the ground water without obtaining prior permission in this regard from DJB/CGWA.
24. The Consentee shall ensure that there is no bore well in the premises and if exist, same shall be closed/ sealed with immediate effect till permission received from DJB/CGWA.
25. Unit shall implement the environmental safeguards as per stipulations in Environmental Clearance if issued by MoEF/ SEIAA and shall submit half yearly compliance report in respect of the terms and conditions of Environmental Clearance to Regional Office of MoEF and simultaneously to DPCC on the prescribed date.
26. The Consentee shall submit application for renewal of the Consent, one month in advance of the expiry date of this Consent Order.
27. In the event of any information furnished by the Consentee found to be false OR in case of failure to comply with any of the above mentioned consent conditions, consent granted through this Consent Order shall be deemed to be revoked without any notice and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.
28. Notwithstanding anything contained in this consent order. Delhi Pollution Control Committee , reserves its right to review any / or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of the Air (Prevention and Control of Pollution)Act, 1981, as amended to date and the Water(Prevention and Control of Pollution)Act, 1974, as amended to date.
29. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee / unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.

Annexure VI

Bldg. Plan - 1

Appendix - 'E'
Form - I (Bye - Law No. 6.7.1)

DELHI DEVELOPMENT AUTHORITY BUILDING SECTION

No. F.13(109)2005/Bldg/

Date:

To: The Hon'ble President/Secretary,
K.K. Birla Academy
508 Surya Kishan Bldg, 5th Floor
19 K.G. Marg, New Delhi - 110001

Dispatch No. 32
Dated: 27/8/2007
Central Unit Building Section DDA

Sub: Sanction U/s 12 of the Delhi Development Act, 1957 in Mo K.K. Birla Academy
Plot No. 2, Vasant Kunj Phase II, Institutional Area, N. Delhi

Dear Sir/Madam,

With reference to your application dated 1-7-2005 for the grant of sanction to erect/re-erect/add to/alteration in the building to carry out the development specified in the said application relating to plot no. 2, Vasant Kunj Phase II, Institutional Area, N. Delhi

I have to state that the same has been sanctioned on 16-8-07 by the D.D.A. subject to the following conditions and corrections made on the plans:-

1. The plans are valid up to 15th day of month August year 2012
2. The construction will be undertaken as per sanctioned plan only and no deviation from the bye-laws will be permitted without prior sanction. Any deviation done against the bye-laws is liable to be demolished and the supervising architect engaged on the job will run the risk of having his license cancelled.
3. Violation of building byelaws will not be compounded.
4. It will be duty of the owner of the plot and the Architect preparing the plans to ensure that the sanctioned plans are as per prevalent building bye-laws. If any infringement of the bye-laws remain unnoticed the D.D.A. reserves the right to amend the plans as and when the infringement comes to its notice and D.D.A. will stand indemnified against any claim on this account.
5. A notice in writing shall be sent to D.D.A. before commencement of the erection of the building as per bye-laws. Similar notice will be sent to D.D.A. when the building has reached up to plinth level.
6. The party shall not occupy or permit it to occupy the building or use or permit to be used the building or any part thereof affected by any such work until occupancy certificate is issued by the authority.
7. D.D.A. will stand indemnified and kept harmless from all proceedings in courts and before other authorities of all expenses/losses claims which D.D.A. may incur or become liable to pay as a result or in consequences of the sanction accorded by it to these building plans.
8. The door & window leaves shall be fixed in such a way that they shall not, when open, project on any street.
9. The party will convert the house into dwelling units of each floor as per the approved parameters of the project and shall use the premises only for the residential purpose.
10. The building shall not be constructed within minimum mandatory distance, as specified in Indian Electricity Rules and as per the requirement of the Delhi Vidyut Board, from the voltage lines running on any side of the site.
11. The land left open on consequences of the enforcement of the set back rule shall form part of the public street.
12. The thickness of the outer walls will be maintained at least 0.23 mt. (9").
13. In order to avoid any discrepancy in the dimensions of plot allotted, you are advised to get the site re-demarcated from the office of Director (Planning) of the Projects before commencement of work i.e. Appendix "B" as per BBE clause- 7.2.1.
14. The basic level should be got ascertained from the concerned Executive Engineer.
15. Copy of the sanctioned building plan should be kept available at the site of the construction.
16. The owner will display board of minimum edge of 1 ft x 4 ft. indicating the following:
 - i. Plot No. & Location.....
 - ii. Name of lesser/owner.....
 - iii. Use of the property as per lease deed.....
 - iv. Date of sanction of building plans with No.
 - v. Sanction valid up to.....
 - vi. Use of different floors & area sanctioned:-

Contd....

As per Plan 2

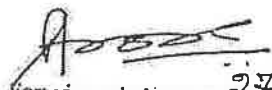
S.No.	Flour	Disc	Area

- vii. Name of architect & his address.....
- viii. Name of contractor & his address.....
- 17. The provision of the display board on the construction site is a mandatory requirement & non compliance of the same will invite a penalty of Rs.5,000/-.
- 18. It will be ensured that the 'construction' work shall be carried out in such a manner that no disturbance/annoyance is caused to residents of the neighbourhood.
- 19. It will be ensured by the owner and the architect that during the construction of the building plans sanctioned shall satisfy the water harvesting requirement as well as waste water recycling system for building with minimum anticipated discharge of 10,000 litres and above per day of waste water, as stipulated under clauses 22.4.1, 22.4.2 of R.M.L. 1983 (as notified in gazette of India dated: 31.7.2001) and the information given therein -(Applicable on plots of 100 sq. mts. and above).
- 20. As per notification no. 1101/99/98-DDIV (Pl.)DDIII dated 21.11.01 of MOUD & PA, G.O.I, form 'C' (Buildings Bye-law 27.2.2) and form 'D' (building bye-laws 7.2.3) will not be applicable. However as per this notification the owner his Architect/Engineer/Supervisor shall give notice to the DDA in the Performa as per Appendix B-1 on completion of work up to plinth level to enable DDA to ensure that work conforms to the sanctioned building plans and Building Bye-laws. Further completion -cum- occupancy certificate will be applied and obtained as per above Notification dated: 21.11.2001.
- 21. The building shall be constructed strictly in accordance with the sanction plan as well as in accordance with the certificate submitted jointly by the Owner/ Architect/Structural engineer for safety requirements as stipulated in clauses 18 of Buildings Bye-laws, 1983 and the structural design including safety from any natural hazards duly incorporated in the design of the building as per the Govt. of India Notification bearing no. SO 248(M) dated 21.3.2001.
- 22. The Malba during the construction will be removed on weekly basis. If the same is not done, and in that case the local body shall remove the malba, the cost shall be borne by the owner of the plot.
- 23. During construction it is mandatory the part of the owner to properly screen the construction site off the main road by means of erecting screen wall not less than 8ft. in height from ground level which is to be erected to avoid unpleasant look from the road side. In addition to this, a net or some other protected material shall be hoisted at the facade of the building to ensure that any falling material remains within the protected area.
- 24. Noise related activities will not be taken up for construction at night after 10 (10) PM.
- 25. The sanction will be void ab-initio if any material fact has been suppressed or mis-represented or if auxiliary conditions mentioned above are not complied.

26. N.O.C. has to be obtained from police department before use of Auditorium.

Plot No. 2, Vasant Kunj Phase II, Intra Area, N. Delhi.

Yours faithfully,


For vice-chairman 27/8/07
Delhi Development Authority.

Encl.: One set of sanctioned plan.

File No 23318718

Kind atten: Mr VP Bera

Bldg Plan
Sanctn-01

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001

NO:-F.6/DFS/MIS/HP/2006/ 1052
To,

DATED:- 5/5/2006

The Joint Director (L. & I) Bldg.,
Building Section, DDA,
Vikas Sadan, INA, New Delhi

Sub:- Approval of sanction of building plans belonging to K.K.Birla Academy, No.2
Institutional area, Vasant Kunj, Phase-II, New Delhi

Sir,

Please refer to letter No.F.13 (109) 2005/Bldg./245 dated 20-02-2006 on the subject cited above. In this connection, it is informed that building plans have been scrutinized by this department & observations made are as under:-

General Information about the building

The proposed Academy complex (Assembly & Business) will comprise of three blocks (02 blocks i.e. Block-I & Block-II are interconnected) is to be constructed on a plot measuring 30600 m². The combined blocks i.e. Block-I & Block-II will be comprised of basement, ground plus first floor with maximum height 14.02 mts. & Block-III comprised of basement, ground and three upper floors with maximum height 14.25 mts. Details of covered area & occupancy floor-wise is as under:-

FLOOR	COVERED AREA (M ²)		OCCUPANCY	
	BLOCK-I & II	BLOCK-3	BLOCK-I & II	BLOCK-3
Basement	396.403 m ²	4492.153 m ²	ESS, Services etc.	Parking, ESS, Services etc.
Ground floor	1484.256 m ²	3151.818 m ²	Auditorium, Cafeteria, Exhibition Halls, shop etc	Reception, Office spaces, utility room etc.
First floor	3455.804 m ²	3034.105 m ²	Exhibition Halls, Conference room, Research room, Admn.wing etc.	Office spaces, utility room etc.
Second floor	-----	3034.105 m ²	-----	Office spaces, utility rooms etc.
Third floor	-----	3034.105 m ²	-----	Office spaces, utility rooms etc.

The plot abuts on 30.0 mts. wide road & building is accessible through 6 mts wide gates. Basement floor is propose to be provided with two staircases of 1.5 mts width each in block-I & II and eight staircases (02 nos of 1.8 mts and 06 nos of 1.5 mts width each), two ramps and four lifts in block-3. Nine staircases (05 in Block-I and 04 in Block-II) i.e. 02 nos of 02.00 mts width each and 07 nos of 1.5 mts width each and six no. of staircases

BRS-02

(02 no of 1.8 mts width each and 4 no of 1.5 mts width each) in block-III are also propose to be provided in the building for upper floors. Clear-cut width of staircases shall be maintained at the time of completion.

Proposed fire protection arrangements

The building is propose to be provided with fire protection arrangements such as Wet riser, First aid hose reel, Automatic Sprinkler System in entire Basement, Manual call points, Under ground and overhead tanks, Fire pumps, D.G. Set, Fireman's lift grounding switch, Exit signage, P.A. System, Mechanical Ventilation, Smoke extraction system, Compartmentation, Pressurization in lift shafts, staircases, Fire extinguishers etc. from fire safety point of view.

There is no objection to this department for the construction of the said building subject to the compliance of the following fire conditions.

1. ACCESS:- The arch way on access road if any, shall not be at a height less than 5 Mtrs. Access way of 6 Mts. wide excluded boundary wall thickness, all around the building to bear the 45 tones load. 6 mts. Wide access road shall always be kept free from every hindrance i.e. planters, trees, electric poles drainage, parking etc. for movement & positioning of fire vehicles. Any chajjas, balcony or other weather protection/ canopy of the building structure shall also not be constructed over the access way to avoid the obstruction in the systematic working of emergency vehicles.

The slab of extended portion of basement shall be capable of taking load of heavy fire fighting & rescue appliances up to 45 tones. Ramp shall have gradient as per Building Bye-laws.

Open set back area is to be checked by DDA whether it confirm to norms.

2. EXIT AND MEANS OF ESCAPE: Exit requirements shall be in accordance with provision as per National Building Code of India Part-IV (Clause 8.1 to 8.15.1).

- (a) Means of escape/exit shall be continuous and unobstructed way of exit travel from any point in the building to a public way. All exit doorways shall open towards means of escape that is away from, but shall not obstruct the travel along any exit. No door when opened shall reduce the required width of staircase/corridor/passageway.
- (b) All exit and exit way marking signs, emergency lights shall be on separate circuit/laid in separate conduit, Exit signs must be illuminated and wired to independent circuit supplied by alternate source of power supply. The wiring and all accessories in the electrical circuit shall be fire resistant and low smoke material duly ISI marked.
- (c) The exit facility, passages, gangways, seating arrangements, slopes etc. in the cinema hall/Auditorium shall be provided as laid down in Cinematograph Act and Rules 2002 and at least one enclosed staircase shall discharge into the open atmosphere from the auditorium floor. These provisions shall be further subjected to the conditions laid down by the DCP (Lic.)

3. BASEMENT: The construction of basement shall be as per the provisions specified under the Development control Rules. However, the following points shall be followed:

It shall be provided with separate access from the main and alternative staircase providing access and exit from higher floors with non-slippery materials directly leading to outside open space at ground level.

Roof slab of extended basement shall be capable to bear 45 tonnes load and shall always be motorable to ground levels.

Basement shall not be used for residential, storage of hazardous material / explosive goods, public gathering / study purposes etc.

An automatic sump pump of adequate capacity shall be provided at each sump location in the basement to pump out the collected water to surface drains at grade level.

4. COMPARTMENTATION:- The building shall be suitably compartmentalized so that fire/smoke remain confined to the area where fire incidents has occurred and does not spread to remaining part of the building.

The services, ESS, stand by Generator, Canteen, stores etc must be segregated from other by erecting fire resisting wall of not less than 2 hrs rating. Each of the compartments must be individually ventilated and the opening for entry into each of these compartments must be fitted with self-closing fire / smoke check doors of not less than one hour fire-rating.

All electric cables passing through the basements must be laid in separate ducts and ducts shall be sealed at every floor with fire resistant material of similar rating. The partition wall in between and around the ducts / shafts and lifts shall also be of minimum 2 hrs fire rating.

The entry to the staircases at each level, corridor, lift lobby shall be segregated with a self closing fire / smoke check door of not less than 1/2 hours fire rating and 1 hour rating in basement level. The separating wall shall be 2 hours fire rating between the lifts and staircases. The AHU of each level shall also be provided with 1-hour fire resistant self-closing smoking check doors. All vertical and horizontal openings at each level in entire building shall be sealed properly with the non-combustible material.

5. MATERIAL FOR CONSTRUCTION:- The material used for construction of the building shall be non combustible. Non-combustible material shall only be used for the construction of false ceiling including all fixtures and used for its suspension / erection etc and of low flame rating. Surface flame spread should be of class 'A' rating.

6. VENTILATION:- The building shall be provided with adequate ventilation strictly in accordance with part-VIII section-1 of National Building Code of India. Mechanical ventilation system shall also be provided in the basement as C-1.6.1, to C-1.6.6. of National Building Code, part- IV.

Smoke extraction system shall be provided from the lobby / corridors, common areas and their entrance lobbies. The system shall use the outside air duct, which shall be operated automatically upon receipt of signal from the fire alarm system.

7. ELECTRIC SUB STATION:- The construction of electric sub-station and installation of Dry Transformer, LT & HT panels shall be as per the provisions specified by the Electrical Authority. However, the following points shall be followed:-

1. The HT & LT panels shall be separated with the walls of 2 hours fire resistance rating. It is necessary to separate shield wall extending up to the one meter on sides above the highest point of the transformer.
2. LT & HT panels shall be protected with manually operated CO₂ protection system. Two dry chemical powder type fire extinguishers of 10 kg with BIS certification marks shall be provided outside the transformer room.

BASOL

III. Insulated mats tested on 11 KV and at least one pair rubber gloves shall be provided in every electrical switch/panel room of sub station. Independent ventilation system shall be provided for LT/HT panel and transformer rooms.

8. ELECTRICAL WIRING: The distribution cables/wiring shall be laid through metal conduits, preferably concealed type with access for inspection.

Separate electric circuits of fire Resistant Low Smoke (FRLS) type in the staircases and corridors shall be provided directly from motor board through the switch gear panel and these circuits shall be laid in separate screwed metal conduits for each so that fire in one circuit will not effect the others. Alternative power supply shall also be in separate circuits/conduits. Master switches controlling essential service circuits shall be clearly labeled. All the electrical services shall be strictly in accordance to C - 1.12 part-IV of National Building Code of India.

Power supply cables shall not be taken through the staircase or any passage way used as an escape routes.

9. EMERGENCY POWER SUPPLY: The stand by electric generator shall be installed of adequate capacity to supply power to staircase and corridor lighting circuit, lifts, exits signs and fire pump in case of failure of normal supply. The generator shall be capable of taking starting current of all the machines and circuits stated above simultaneously and must be automatic in action.

10. AIR CONDITIONING SYSTEM: - Air Conditioning system (if provided) shall be conform to Clause C -1.17 of Part IV and section 3 of Part VIII of National Building Code of India 2005. However, following points shall also be ensured.

All ducts serving main floor area, corridors etc shall not pass through the staircases enclosures. The ducts shall be as per IS: 655 metal air ducts.

Automatic fire dampers shall be provided in the ducts at the inlets of the fresh air and return air of each compartment /floor on every floor. The fire dampers shall be so arranged so as to close by gravity in the direction of the air movement and to remain tightly closed automatically upon operation of a smoke / heat detectors cum fire alarm system.

Air handing units shall be separate for each floor/ each compartment at each floor level. The air ducts for every floor / compartment shall be separated in no way interconnected with the ducting of any other compartment.

11. STATIC WATER TANK: The underground storage tank of not less than 1,00,000 ltr capacity shall be provided exclusively for fire fighting in the building complex as marked on the plans. The replenishment through tube well or from the town main shall be ensured at a rate not less than 1000 LPM. To avoid stagnation of water tank in static tank, the domestic water storage tank shall be provided adjacent / interconnected to the fire tank and it should be in such a manner that water over flows, the fire tank and passes to domestic tank. This shall conform to requirements given in the National Building Code of India Part-IV. Two overhead tank of 10,000 ltrs. Capacity each at block-1&II and block-3 shall also be provided on the terrace of building as shown on the plan for fire protection system only.

12. FIRE PUMP: One electrically driven pump having 2280 LPM capacity shall be provided so as to give adequate pressure of 3.5 kg/cm² at the farthest point. The standby diesel engine driven pump of similar capacity and one jockey pump having capacity of

180 LPM shall be installed. All the pumps shall be automatic in operation. The pumps shall have positive suction

13. WET RISER SYSTEM: The system shall be provided in the building block as per relevant BIS 3844 / 1989.

14. HOSE BOXES & BRANCH PIPE: Hose box of suitable dimension shall be provided near each internal hydrant. Its design shall be such as it can be readily opened in an emergency.

Each box shall contain 63mm x 15 m: two lengths of rubber lined hose conforming to IS: 636 complex with 63 mm instantaneous coupling conforming to IS: 903 and gun metal or aluminum alloy short branch pipe conforming of IS: 903 with a nozzle of 16 mm. Diameter and one hand control branch. All the items should be ISI Marked.

15. AUTOMATIC SPRINKLER INSTALLATIONS: Automatic sprinklers shall be installed in the entire basement. The system shall be so designed that the discharge area. Flow alarm switch /gong shall be incorporated in the installation for giving proper indication/sound. The pressure gauge shall also be provided near the testing facility. The entire system including pump capacity & head, size of pipe network, orifice size, source of water supply, installation control valve, control panel etc. shall be provided in accordance to relevant code of practice / relevant rules (IS: 15105 / 2002). Fire Service inlet shall also be provided at ground floor level.

16. FIRST AID HOSE REEL: A hose reel near each internal hydrant containing 36 m. of length of 20 mm. Bore terminating into a shut off nozzle of 5 mm. Outlet connected directly to riser shall be provided. This should conform to IS: 884 / 1995.

17. MANUAL OPERATED FIRE ALARM SYSTEM: Manual electrical call point at suitable locations on each floor of building shall be installed conforming to K-11.1.1 of the unified Building Bye Laws.

18. PORTABLE FIRE EXTINGUISHERS: The portable fire extinguishers of water co2 type co2 type shall be provided as marked on the plans. The numbers of the fire extinguishers may have to be increased later when the layout of the partition etc. is known. All the fire extinguishers must be installed and maintained in accordance with IS: 2190-1979.

19. LIGHTNING PROTECTION: The lightning protecting system conforming to IS: 2309 shall be provided in the building.

20. LIFT GROUNDING SWITCH: The lifts must be equipped with fireman switch so that it is possible to ground all lifts during a fire emergency. In case of failure of normal supply it shall automatically trip over to the alternate supply. Pressurization system shall be provided in the lift, lift lobby and staircase as per NBC Part-IV.

Suitable arrangements, such as providing slope in the floor of lift lobby shall be made to prevent water during fire fighting etc. at any landing room entering into the lift shaft.

All other conditions as laid down in BPL-1981 : NBC part- IV (C-1.5) shall also be followed (Appendix E-V, 1.1 & 1.2)

21. No LPG Cylinders or Gas shall be used at upper floors in the building.

22. PUBLIC ADDRESS SYSTEM: The public address system shall be provided in the building as proposed having loud-speaker in the basement on each floor and in the common areas in such a manner that every body may hear / understood the instruction addressed on system. The microphone, amplifiers and control switches of public address system shall be installed in the fire control room / security room on the ground floor.

BSP-06

23. INTERCOMMUNICATION SYSTEM:- An emergency intercommunication system shall be provided in the lifts.

24. FIRE CONTROL ROOM/SECURITY ROOM:- The control room/ security room with communication system to all lifts and all blocks and facility for receiving messages from different blocks shall be provided on entrance at ground floor.

25. TRAINED FIRE - CUM-SECURITY SUPERVISOR shall be appointed to look after the maintenance of fire protection arrangements in the complex.

26. HOUSE KEEPING:- To prevent the fire hazard, good house keeping inside and outside the building shall be strictly maintained.

27. All the fittings / equipments should be ISI Marked.

GENERAL: The fire prevention / fire safety measures recommended above, cannot be effective unless these are backed by the administrative measures and in building including the fire detection and suppression equipment / installation maintained in the top most condition at all times. The aforesaid fire safety / fire protection conditions / directives shall be complied with before the occupation of the building under intimation to the department.

Yours faithfully

Chief Fire Officer
Delhi Fire Service

Encl:- One Set of bldg plans

Copy to:-

The Secretary,
DUAC, Indian Habitat Centre,
Lodhi Road, New Delhi

FORM- B-1

(Chapter 2, Para 2.3)

GRANT OF SANCTION



NAME OF THE SANCTIONING AUTHORITY SOUTH DELHI MUNICIPAL CORPORATION

Building Department (HQ) / HQ Zone

File No. 10087984 Dated: 11/10/2021

To,

K K BIRLA ACADEMY
RESEARCH CUM MUSEUM PROJECT K.K. BIRLA ACADEMY, VASANT KUNJ, INSTITUTIONAL AREA,
PHASE -II, NEW DELHI
New Delhi

GRANT OF SANCTION

Sub: Sanction Under Clause 336 of Delhi Municipal Corporation Act, 1957

Dear Sir/Madam,

With reference to your application dated **11/08/2021** for the grant of sanction to erect/re-erect/add to/alteration in the building to carry out the development specified in the said application relating to Plot no. ., Pocket no. _____, Block no. _____, Sector no. _____, Situated in/ at **RESEARCH CUM MUSEUM PROJECT K.K. BIRLA ACADEMY, VASANT KUNJ, INSTITUTIONAL AREA, PHASE-II, NEW DELHI**. I have to state that the same has been sanctioned on **29/09/2021** by the MCD subject to the following conditions and corrections made on the plans:-

1. The plans are valid up to 10 day of month Oct year 2026.
2. The construction will be undertaken as per sanctioned plan only and no deviation from the bye-laws will be permitted without prior sanction. Any deviation done against the bye-laws is liable to be demolished and the supervising Architect, engaged on the job will run the risk of having his license cancelled.
3. Violation of building bye-laws will not be compounded.
4. It will be duty of the owner of the plot and the Architect preparing the plan to ensure that the sanctioned plans are as per prevalent building bye-laws. If any infringement of the bye-laws remains unnoticed the SOUTH DELHI MUNICIPAL CORPORATION reserves the right to amend the plans as and when the infringement comes to its notice and SOUTH DELHI MUNICIPAL CORPORATION will stand indemnified against any claim on this account.
5. The party shall not occupy or permit it to occupy the building or use permit the building or part there of affected by any such work until occupancy certificate is issued by the sanctioning Authority.
6. SOUTH DELHI MUNICIPAL CORPORATION will stand indemnified and kept harmless from all proceedings in courts and before other authorities of all expenses/losses/claims which the SOUTH DELHI MUNICIPAL CORPORATION may incur or become liable to pay as a result or in consequences of the sanction accorded by it to these building plans.
7. The door and window leaves shall be fixed in such a way that they shall not when open project on any street.
8. The party will convert the house into dwelling units of each floor as per the approved parameters of the project and shall use the premises only for residential purpose.

the requirement of Delhi Vidut Board from the voltage lines running on any side of the site.

10. The land left open on consequences of their enforcement of the set back rule shall form part of the public street.

11. The thickness of outer walls will be maintained at least 0.23 mt. (9").

12. The basic levels should be got ascertained from the concerned at the site of the construction.

13. The owner will display boards of minimum size of 3 ft. X 4ft. indicating the following

i. Plot No. and location

.....

ii. Name of lessee/owner

.....

iii. Use of the property as per lease deed

.....

iv. Date of sanction of Building Plan with No.

.....

v. Sanction valid up to

.....

vi. Use of different floors and areas sanctioned

.....

vii. Name of the Architect & his address

.....

viii. Name of the contractor and his address

.....

14. The provision of the display board on the construction site is a mandatory requirement and non-compliance of the same will invite a penalty of Rs. 5000/-.

15. It will be ensured that the construction / demolition work shall be carried out in such a manner that no disturbance/nuisance is caused to residents of the neighborhood.

16. It will be ensured by the owner and the Architect that during the construction the building plans sanctioned shall satisfy all the Environmental Conditions for Buildings and Constructions of Chapter 3, Annexure XIV of these Bye laws and as amended from time to time or any specific orders issued by the Govt.

17. Intimation of Completion of work up to Plinth Level, Plinth Level inspection and the issue of Plinth level Inspection shall be done as per procedures laid down in the Chapter 2 of these bye-laws

18. The building shall be constructed strictly in accordance with the sanction plan as well as in accordance with the certificate submitted jointly by the owner/Architect/Structural Engineer for safety requirement as stipulated in Chapter 9 of these Building Bye-Laws, and the structural Design including safety from any natural hazards duly incorporated in the design of the building as per the Government Of India Notification issued time to time and Annexure VII of these Bye Laws.

19. The mulba during the construction will be removed on weekly basis. If the same is not done, in that case the

20. During construction, it is mandatory on the part of the owner to properly screen the construction site of the main road by means of erecting a screen wall not less than 8 ft. in height from ground level which is to be painted to avoid unpleasant look from the road side. In addition to this a net or some other protective material shall be hoisted at the facades or the building to ensure that any falling material remains within the protected area.

21. Noise related activities will not be taken up for construction at night after 10.00 PM.

22 (i) Every builder or owner shall put tarpaulin on scaffolding around the area of construction and the building. No person including builder, owner can be permitted to store any construction material particularly sand on any part of the street, roads in any colony.

(ii) The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the air in any form.

(iii) The construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.

(iv) The dust emissions from the construction site should be completely controlled and all precautions taken in that behalf.

(v) The vehicles carrying construction material and construction debris of any kind should be cleared before it is permitted to ply on the road after unloading of such material.

(vi) Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.

(vii) Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and construction debris relating to dust emission.

(viii) It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules and in terms of this order.

(ix) All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.

(x) Compulsory use of wet jet in grinding and stone cutting.

(xi) Wind breaking walls around construction site.

(xii) All efforts to be made to increase the tree cover area by planting large number of trees of various species depending upon the quality content of soil and other natural attendant circumstances.

(xiii) All the builders who are building commercial, residential complexes which are covered under the EIA Notification of 2006 shall provide green belt around the building that they construct.

23. The sanctioning authority approves Architectural Drawings/Development Control norms with respect to the Building Bye Laws and Master Plan provisions only. The technical drawings/documents submitted by the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services are considered as part of the records/information supporting the building permit only. The responsibility of the correctness of information/application of technical provisions fully vests with the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services and shall be liable as per laws.

24. No puncture, perforation, cutting, chiseling, trimming of any kind for any purpose are permitted in the structural members (beams / columns) submitted by the structural engineer as structural drawing for building permit in accordance with the relevant structural codes.

25. The sanction will be void ab initio if any material fact has been suppressed or mis-represented or if auxiliary conditions mentioned above are not complied.

Block No. Sector No.
Situating in/at. RESEARCH CUM MUSEUM PROJECT K.K. BIRLA ACADEMY, VASANT KUNJ, INSTITUTIONAL
AREA, PHASE-II, NEW DELHI.
Delhi.

Note: - Given below is the Remark provided by concern sanctioning authority:-

"This Online sanction of Institutional Research cum Museum Building has been accorded on the basis of Documents / E-Undertaking / Plans / Details uploaded by the Architect / Owner and NOC / approvals issued by all other Agencies. The genuineness / correctness of the uploaded documents are lies with the owner / architect. The SDMC will not be held responsible for any dispute arises in future. In case any discrepancy / misrepresentation / fraudulent statement in contravention of UBBL-2016, MPD-2021, ZDP/NBC code and N.O.C./Approval from DUAC, Delhi Fire Services, AAI, MoEF & CC, etc. or any department are found / noticed at any stage, the SDMC shall be liberty to take action as per law against the Owner / Architect / Engineer.

The detail of NOCs / Approvals is as under:

- 1. Environment Clearance has been accorded by the Ministry of Environment, Forest and Climate Change vide F.No.21-22/2021-IA-III dated 21.05.2021.*
- 2. DJB vide online endorsement No. DJB/EE(S)-1/2021/1491 dated 23.08.2021 submitted that the Water services of the area are still with DDA. The sewer services are with DJB and the same will be provided on the deposition of infrastructure charges. Further, DJB issued a letter vide No. DJB/EE(S)-1/2021/2044 dated 24.09.2021 received in Building HQ vide dairy No. 1734 dated 27.09.2021 informed that the applicant can apply and get sewer connection before occupancy and the same shall be granted after deposition applicable charges at that time.*
- 3. No Objection Certificate for Height Clearance has been accorded by Airport Authority of India vide No. AAI/RHQ/NR/ATM/NOC/2020/378/1545-1548 Dated 14.12.2020 valid up to 12.12.2028 For permissible top elevation 282.49 Mts. (AMSL) and valid up to 12-12-2028.*
- 4. Delhi Urban Art Commission has accorded Online approval vide No. : OL-11082155034 Dated 19.08.2021.*
- 5. Delhi Fire Service grant On-Line clearance from Fire Safety point of view vide No. F.6/DFS/MS/B.P./2021/290 Dated 23.06.2021.*

The following are to be complied:

- A. The conditions mentioned in NOCs / Approvals of all agencies shall be adhered with during construction. The non compliance of any condition mentioned in N.O.C.s/Approvals may lead to revocation of Building Plan.*
- B. In case, any change the Applicant shall obtain the prior approval.*
- C. The Applicant will deploy Anti-Smog Gun at site during construction as per office order No. South D.M.C./Addl.Cm.(Engg.)/2020/25 dated 20/02/2020. in compliance of directions issued by Hon'ble Supreme Court of India in WP (C) No. 13029/1985 (M.C. Mehta V/s Union of India & Others) and Further as per directions issued by Department of Environment, GNCTD vide No. DPCC/(12)(1)(285)lab(A)2020/2790-2810 dated 16/09/2021.*
- D. The applicant will take EoT from Lessor before applying for Occupancy certificate.*

"

Encl: One set on sanctioned plan

Yours Faithfully

Assistant Engineer (Building)

HQ /HQ Zone(digital signature)

For Commissioner SOUTH DMC

Copy to: (1) E.E. (B)South Zone

(2) AA & C (HQ/HQ Zone)

Validity unknown

Digitally signed by VISHNU

DUTT VASHISHT

Date: 2021.10.11 12:01:24 IST

Annexure VII

FOREST-1

GOVT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
OFFICE OF THE DEPUTY CONSERVATOR OF FORESTS
WEST FOREST DIVISION
MANDIR LANE, NEW DELHI 110060

F No. 9(12)/DPTA/FHL/Compounding/2013-13/329-84 Dated: 22/09/2014

ORDER

(U/s 21 of the Delhi Preservation of Trees Act, 1994)

This shall dispose of the matter pertaining to unauthorized felling of 58 trees by K.K. Birla Academy Museum cum Research Centre Project, Vasant Kunj Institutional area.

Facts of the case:

K.K. Birla had made a request for felling of 58 tree for construction of museum building to DCF South (area was with South Division then) vide application received in O/o DCF(S) on 09/07/2007.

As no response was received within 60 days the applicants taking shelter of Sec 9(3) and 9(4) of DPTA, 1994 proceeded to fell 58 numbers of trees without further notice or formalities being followed. However vide letter dated 27/11/2007 the DCF(S) advised the academy stating that land in question was forest in dictionary meaning and that application was to be made under Forest (Conservation) Act 1980. However even by then 58 number of trees has been felled and construction work begun.

Subsequently on re-organization of divisions in 2008 the area came under the jurisdiction of West Forest Division. The DCF (West) taking cognizance of the violations filed a complaint before ACMM (South), District Court Saket. In the interim an application was made under FCA, 1980 by the Academy but this has not been further processed for grant permission. Vide notice dated 22/12/2008 direction to stop construction was given and the Academy in compliance had

stopped work. Further, in lieu of trees cut approx. 600 Nos. *Ficus benjamina* saplings have also been planted at very close spacing, by the academy in the premises. Thus effectively the Compensatory plantation has also been done by the academy.

Observations:

The perusal of the notings on the main file indicates that the area is not part of notified ridge nor recorded as forest in Revenue records. The only contention is appearance as forest as per dictionary meaning which is at the very root of the issue and is open to interpretation.

This issue is long drawn with the primary contention being whether the 3.06 Ha. land on perpetuity to the Academy is a Forest or not. The area is not a part of the notified Ridge: PRF as per records of this office.

The area in question is part of 92 Harnarked as 'constraint area' in the order dated 17/10/2006 of the Hon'ble Supreme Court in I.A. No. 1156 in the matter WP (C) 2024/995 T N Godavaraman - Thirumalpad Vs. U.O.I. & Ors.

The academy has been pursuing the matter for long and has now stated that no further tree felling is required. They also have agreed to compound the offence. There however is a case titled DCF(West) vs Hemant Kumar & Ors pending in the Patiala House Courts.

The matter was placed before the senior officials of the Dept. for perusal. It has been subsequently decided by the competent authority that the area in question being constraint area and not within notified Ridge, the instant case be compounded after collecting the compounding fee as due.

Order:

Therefore in pursuance of the decisions and as per the powers vested with the Tree Officer under section 21 of the Delhi Preservation of Trees Act, 1994, it is agreed to compound the case on payment of Rs. 5,80,000/- (Rupees Five Lakhs Eighty Thousand Only) as compounding fee.

In response to the demand note issued by this office, the said amount has since been deposited by K.K Birla Academy vide DD 241337 dated 15/09/2014 and deposited in treasury vide TR No 947 dated 16/09/2014.

It is further ordered that K.K. Birla Academy shall plant 100 more saplings of species such as Neem, Amaltas, Pipal etc of 6ft or more height in the same site and maintain these saplings for at least five years till they are established and take the form of trees.

The compliance of the above conditions and the payment of the compounding fee shall ensure that no further proceedings will lie against the said institution in the instant matter.

DY. CONSERVATOR OF FOREST
& TREE OFFICER (WEST)

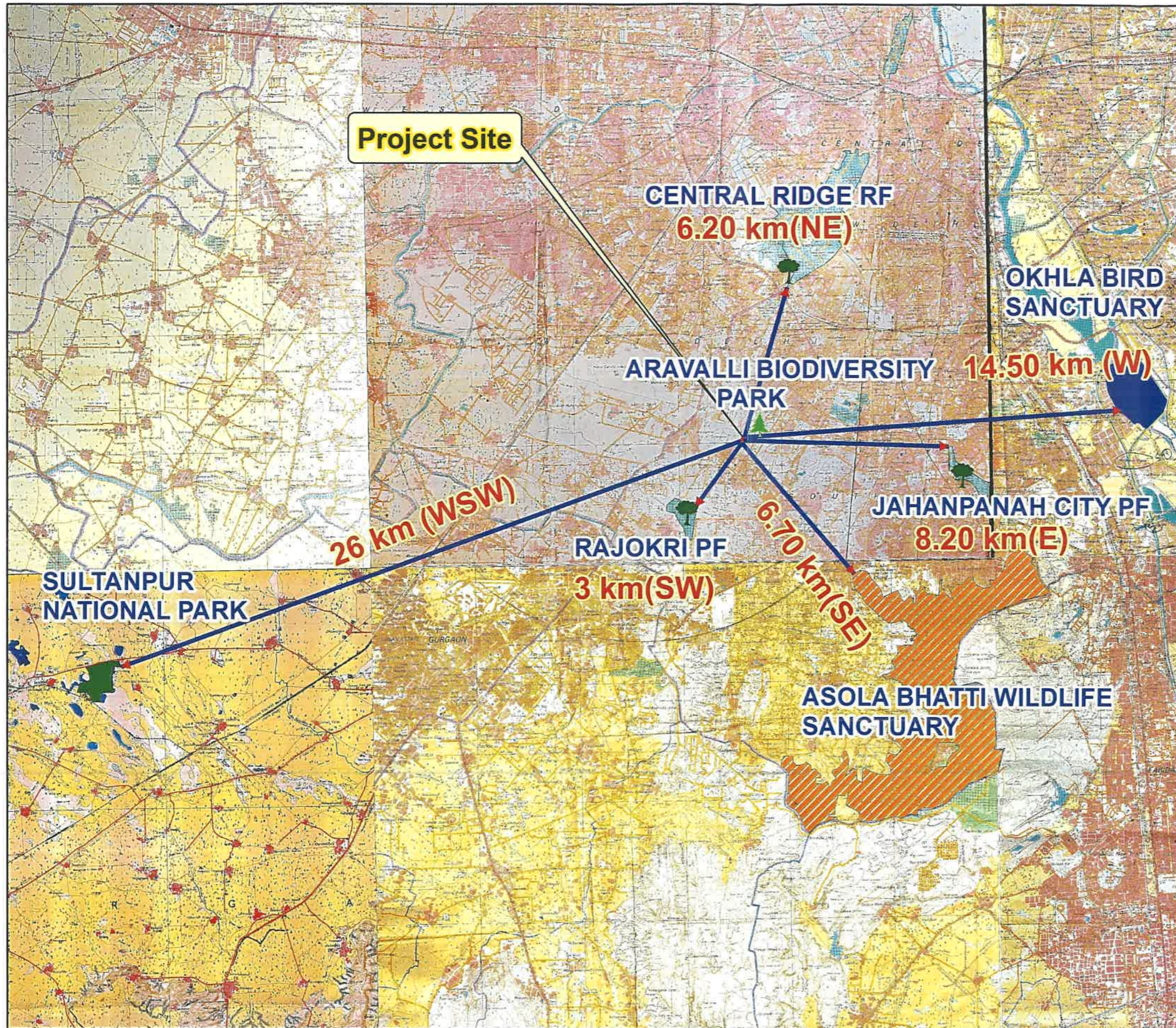
To,

Sh. Hemant Kumar
K.K. Birla Academy Museum cum Research Centre Project
Vasant Kunj Institutional Area
Vasant Kunj, New Delhi

Copy for information to:

1. The P.S to APCCF, Dept of Forests & Wildlife, Govt of NCT of Delhi
2. The Conservator of Forests, Dept of Forests & Wildlife, Govt of NCT of Delhi
3. Adv Sanjay Dewan, Govt Counsel in the matter DCF (West) vs Sh. Hemant Kumar & Ors
4. The DRO Moribagh, O/o DCF (West), GNCTD
5. The Tree Protection Cell, O/o DCF (West), GNCTD

DY. CONSERVATOR OF FOREST
& TREE OFFICER (WEST)



Project Site

CENTRAL RIDGE RF
6.20 km (NE)

OKHLA BIRD SANCTUARY

ARAVALLI BIODIVERSITY PARK

14.50 km (W)

26 km (WSW)

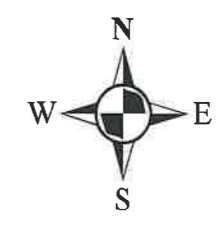
SULTANPUR NATIONAL PARK

RAJOKRI PF
3 km (SW)

JAHANPANAHAH CITY PF
8.20 km (E)

6.70 km (SE)

ASOLA BHATTI WILDLIFE SANCTUARY



Project Site

**K.K. Birla Academy
Vasantkunj Institutional Area
Phase-II, Delhi**

Showing Distance Map WLS Sanctuary,
Forest, Biodiversity Park & National Park
From Project Site



Tariff structure

The revised tariff schedule is effective from 1st October 2021

Categories	Description	Fixed/Demand Charge		Energy Charge					Categories	Description	Fixed/Demand Charge	Energy Charge	Temporary		
		Load(kW)	(₹/month)	0-200 Units	201-400 Units	401-600 Units	601-1200 Units	Above 1200 Units					Categories	Fixed Charge	Energy Charge
Domestic	Individual connections:	Upto 2kW	20/kW/mth	₹ 3.00	₹ 4.50	₹ 6.50	₹ 7.00	₹ 8.00	Agriculture	Agriculture	125/kW/mth	₹ 1.50/kWh	Domestic including GHS	Same as relevant category	Same as relevant category
	Domestic Light / Mixed Domestic Power, Farm House upto 21kW	>2kW to 5kW	50/kW/mth						Mushroom	Mushroom Cultivation upto 100 kW	200/kW/mth	₹ 3.50/kWh	Threshers during the threshing season	MCD E.Tax of ₹ 270 / conn/mth	Flat Rate - ₹ 5400/mth
	>5kW to 15kW	100/kW/mth	Public Utility						Delhi Jal Board, DMRC, Public Lighting etc.	250/kVA/mth	₹ 6.25/kVAh	Delhi International Airport Limited (DIAL)	250/kVA/mth	₹ 7.75/kVAh	
	Single point supply at 11kV for GHS-Domestic Lighting / Fan and Power	>15kW to 25kW	200/kW/mth						Advertisements and Hoardings	250/kVA/mth	₹ 8.50/kVAh				
Non-Domestic	Shopkeepers	Upto 3kVA	250 kVA/mth						Charging Stations for E-Rickshaw/ E-Vehicle on Single Point Delivery	LT	₹ 4.50/kWh	All other including construction	Same as relevant category	1.30 times of relevant category of tariff	
	Other Non-Domestic	>3kVA								HT	₹ 4.00/kVAh				
Industrial	Industrial	250/kVA/mth													

Schedule of Time of Day (TOD) Tariff

Month	Peak hours	Surcharge on Energy Charges	Off-Peak hours	Rebate on Energy Charges
May-September	1400-1700 hrs and 2200-0100 hrs	20% (waived for Sep 2020)	0400-1000 hrs	20%

For other than peak & off-peak hours normal energy charges are applicable. Mandatory for >10kW / 11kVA other than Domestic. Optional for 3 Phase Domestic Consumers.

Consumption History (खपत का विवरण) :

From	To	No. of Days	Units (kwh/kvah)	Total Bill Payable	Bill Basis
12-09-2023	11-10-2023	30	5076	99780.00	Actual
12-08-2023	11-09-2023	31	5552	108810.00	Actual
12-07-2023	11-08-2023	31	5621	114640.00	Actual
12-06-2023	11-07-2023	30	4911	96380.00	Actual
12-05-2023	11-06-2023	31	4261	83670.00	Actual
12-04-2023	11-05-2023	30	3016	62260.00	Actual

Paying your electricity bill (Bill payment Information)

Payment Options

- You can pay your bill by cash / cheque /DD /Pay Order up to Rs 4000/- and for amount more than Rs 4000/- by cheque /DD /Pay Order.
- According to DERC's recent tariff order it is mandatory for all consumers (except Domestic, Agriculture & Mushroom Cultivation) to pay their monthly electricity bills exceeding Rs 20,000/- through digital modes w.e.f 1st October 1, 2021.
- Drop your cheque in our drop boxes at various RWA offices and at BRPL Counters. The list of drop boxes is available on the website.
- Bill payment counters are open from 0900 hrs. to 1500 hrs. from Monday to Saturday.
- Bill payment upto Rs 50,000/- can be paid in cash at Bank branches of PNB and Bank of Baroda.

Points to remember while paying your bill

- Please pay your electricity bill only on obtaining computer generated bill.
- Do not make payment to unauthorized agencies /outs.
- In case your cheque is returned unpaid / dishonored by bank, cheque return charges (presently Rs. 200 + GST, as applicable) will be imposed and action will be taken under Section 134 of the Negotiable Instruments Act 1881.
- Convenience fee on card swipe and online payments applicable on payment amount above Rs 5000/- is to be borne by the consumer. For charge details, kindly visit our website www.bsedelhi.com.

Customer Complaint Management:

For any query / complaint, you may contact us using any of the following options:

- Call Center No. 19123 (24x7 Toll Free)
- Customer Care Centers (Timing Mon to Fri : 9:30 AM to 5:30 PM & Sat: 9:30 AM to 1:00 PM)
- Email - brpl.customercare@reliancecda.com
- www.bsedelhi.com

Escalation matrix for complaints:

- In case you are not satisfied with the resolution of your query / complaint, you may contact the below listed BRPL officials-
 - Customer Care Officer (Timing 09:15 AM to 3:15 PM)
 - Business Manager (between 10 AM to 11 AM on any working day)
 - Circle Head (with prior appointment)
- Head-Customer Care,**
BSES Rajdhani Power Limited,
BSES Bhawan, Nehru Place, New Delhi-110019
Email - brplhead.customercare@reliancecda.com
- Consumer Grievance Redressal Forum (CGRF):** In case you are not satisfied with the response of the above, you may approach CGRF-BRPL, Sub-station Building, Sector-V, Pushp Vihar, New Delhi-110017.
Email: cgrfbrpl@gmail.com
- Electricity Ombudsman:** An appeal against the CGRF order may be filed with Electricity Ombudsman. B-53, Paschim Marg, Vasant Vihar, New Delhi-110057.

उपभोक्ता शिकायत प्रबंध :

किसी तरह के पूछताछ / शिकायत के लिए कृपया आप हमें निम्नवत् विकल्पों के जरिए संपर्क कर सकते हैं:

- कॉल सेंटर नंबर 19123 (24x7 टोल फ्री)
- करंट्मर केयर सेंटर समय (सोमवार से शुक्रवार सुबह 9:30 बजे से अपराह्न 5:30 बजे और शनिवार सुबह 9:30 से अपराह्न 1:00 बजे तक)
- brpl.customercare@reliancecda.com पर ईमेल करें
- www.bsedelhi.com

शिकायतों के लिए यहां भी संपर्क करें :

- अगर आप अपने पूछताछ / शिकायत के निवारण से संतुष्ट नहीं हैं तो आप निम्नवत् बीआरपीएल अधिकारियों से संपर्क कर सकते हैं-
 - करंट्मर केयर ऑफिसर (सुबह 9:15 बजे से अपराह्न 3:15 बजे)
 - बिजनेस मैनेजर (किसी भी कार्यदिवस के दिन सुबह 10 बजे से 11 बजे तक)
 - सर्किल हेड (पूर्व निश्चित समय लेकर)
- हेड करंट्मर केयर,**
बीएसईएस राजधानी पावर लिमिटेड,
बीएसईएस भवन, नेहरु प्लेस, नई दिल्ली 110019
ईमेल: brplhead.customercare@reliancecda.com
- कंज्यूमर ग्रीवांस रिड्रेसल फोरम (सीजीआरएफ) : यदि आप अपनी शिकायत पर सेवा प्रदाता के जवाब से संतुष्ट नहीं हैं तो आप सीजीआरएफ-बीआरपीएल, सब स्टेशन बिल्डिंग, सेक्टर - V, पुष्पविहार, नई दिल्ली 110017, ईमेल cgrfbrpl@gmail.com में अपनी शिकायत दर्ज कर सकते हैं।
- इलेक्ट्रिसिटी ऑम्बुड्समैन :** सीजीआरएफ के आदेश के खिलाफ अपील इलेक्ट्रिसिटी ऑम्बुड्समैन, बी-53, पश्चिमी मार्ग, वसंत विहार, नई दिल्ली-110057, में दायर कर सकते हैं।

Pay your electricity bills conveniently by any of the following options:

Payment Options	Timings
Digital Online Payments • Bharat BillPay (BBPS) - Pay option at all BBPS enabled Payments App (Paytm etc.) (Zero Charges) • Bharat QR code - QR Code on Bill • BSES Mobile App / Website - UPI, IMPS, Internet Banking, Credit / Debit Cards, Mobile Wallets, QR Code • RTGS / NEFT / ECS	24x7
Cash Counters • BRPL Cash Counters: • Cash-Upto Rs. 4000/- • Cheque & Demand Draft- No amount limit for Domestic, Agriculture & Mushroom Cultivation category consumers and for other category consumers maximum allowed is upto Rs. 20,000/- • Credit / Debit Cards • UPI	9AM - 3PM
24*7 self payment Kiosk	24x7
Bank Branches • Bank of Baroda, PNB and SBI: • Cash-Upto Rs. 50,000/- only for Domestic, Agriculture & Mushroom Cultivation category consumers and for other category consumers maximum permissible limit is upto Rs. 20,000/- • Cheque & Demand Draft- No amount limit for Domestic, Agriculture & Mushroom Cultivation category consumers and for other category consumers maximum allowed is upto Rs. 20,000/- • Transfer by account holders	Bank Timings
Cheque Drop boxes Select RWA locations BRPL owned drop boxes at counters	24x7 9AM - 5PM
Cheque by Post To BRPL division offices- Cheque & Demand Draft- No amount limit for Domestic, Agriculture & Mushroom Cultivation category consumers and for other category consumers maximum allowed is upto Rs. 20,000/-	24x7

Disclaimer- This electricity bill is only for electricity supply to the premises occupied by the consumer and should not be construed as having bearing on the rights or titles over the premises.

अनवीकरण: यह बिजली का बिल उपभोक्ता के निवास / कार्यालय पर बिजली की आपूर्ति के लिए है, और इसे उस स्थान पर उपभोक्ता के अधिकार या स्वामित्व समान न समझा जाए।

GoNCTD vide Order No. F.6/54/Power/Subsidy/2023/725 dated 14.04.2023 has extended subsidy to Domestic Consumers for Financial Year 2023-24 of entire bill amount upto 200 Units/ month. Slab 201-400 Units/ month will get subsidy upto Rs 800/ month. No subsidy for consumption above 400 Units/month

दिल्ली सरकार की आदेश संख्या F.6/54/Power/Subsidy/2023/725 दिनांक 14.04.2023 के अनुसार घरेलू उपभोक्ताओं के लिए सब्सिडी वित्तीय वर्ष 2023-24 तक बढ़ा दी है, 200 यूनिट / माह तक के संगुण बिल राशि, स्लैब 201-400 यूनिट्स / माह पर ₹ 800 सब्सिडी मिलेगी। 400 यूनिट प्रति माह से ऊपर खपत के लिए कोई सब्सिडी नहीं है।

मुफ्त कानूनी सहायता (Free Legal Aid)

मूल संवर्गीकरण के लिए आप दिल्ली राज्य सिविल सेवा अधिनियम (DLSA) के तहत को-सिटी लॉयर्स एसोसिएशन, पंडितलाल इन्द्र प्रकाश वर्मा, एन.डी.ओ. इंदौर-1516 (24x7) से संपर्क करें, ईमेल-bses@bsesdelhi.com, www.facebook.com/bsesdelhi।

अन्य मुफ्त कानूनी सहायता के लिए दिल्ली सिविल सेवा अधिनियम (DLSA) के अंतर्गत जे.पी.एस.के.ए. से संपर्क करें।

बिजली से संबंधित विवाद के निवारण / समाधान के लिए संपर्क करें।

- दिल्ली लोक न्यायालय - 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

आपका बिल भुगतान

बिल भुगतान सूचना

- भुगतान विकल्प
- आप 4000 रुपये तक के अपने बिल का भुगतान नकद / चेक / सीडी / पे ऑर्डर से कर सकते हैं। 4000 रुपये से अधिक की राशि का भुगतान चेक / ऑर्डर / पे ऑर्डर से कर सकते हैं।
 - जोड़बारी के इलेक्ट्रिक टैरिफ ऑर्डर के मुताबिक, सभी उपभोक्ताओं (घरेलू, कृषि और शहरी) की वीसी (वीएन) के लिए यह आवश्यक है कि वे 20,000 रुपये से अधिक के बिलों का भुगतान 1 अक्टूबर, 2021 से डिजिटल मोडों से करें।
 - आरडब्ल्यू ऑनलाइन और विभिन्न बीआरपीएल कार्यालयों पर सगे हमारे ड्रॉप बॉक्स में आप अपना बिल जमा सकते हैं। ड्रॉप बॉक्सों की लिस्ट हमारे वेबसाइट पर उपलब्ध है।
 - बिल भुगतान केंद्र सुबह 9 बजे से साय 3 बजे तक खुले रहेंगे।
 - पंजाब मेगानेस बैंक और बैंक ऑफ इंडिया की शाखाओं में 50000 रुपये तक बिजली का भुगतान नकद में कर सकते हैं।
- बिल भुगतान करने समय ये बातें याद रखें
- कंप्यूटरीकृत बिल पाने के बाद ही अपने बिजली बिल का भुगतान करें।
 - अनाधिकृत एजेंसियों / दलालों को भुगतान न करें।
 - अगर आपका चेक बैंक द्वारा बरीर भुगतान के / अस्वीकृत होकर वापस आ जाता है तो चेक वापसी भुक्त (फॉरवर्ड) 200 रुपये + जीएस्टी, चेक लागू होना बहुराज्य और निर्धारित इन्टरनेट एक्ट 1881 की धारा 130 के तहत कार्यवाही की जाएगी।
 - जहाँ स्वाप और ऑनलाइन के द्वारा 5000 रुपये से अधिक के भुगतान पर लागू वाले सुविधा भुक्त को उपभोक्ता को ध्यान रखना होगा। भुक्त के विस्तृत ब्योरा के लिए कृपया हमारे वेबसाइट www.bsedelhi.com पर जाएं।

Contact details: (संपर्क संबंधी विवरण):

Nearest Payment Centre
1ST FLOOR, A-BLOCK, BSES BHAWAN NEHRU PLACE NEW DELHI 110019 | Tel No: 49209493

Business Manager : MR BHUVESH GOYAL (49209435)
Commercial Officer : MR BHUPESH DHASMANA (49209485)



Bill Print Date 10.11.2023_00_12_38_RKC(With Annexure)

248115227



Meter Details Annexure

Name : M/s. SECRETARY K K BIRLA ACADEMY
 Billing Address : PLOT NO. 2 INSTITUTIONAL AREA VASANT KUNJ PHASE-II NEW DELHI 110070

Sanctioned Load : 43.00 (kVA)
 Contract Demand :
 M D I : 31.00 (kVA)
 Power Factor : 0.981
 Pole No. : NA
 Meter Reading Status : DL
 Cycle No. : KC
 Tariff Category : Non.Domestic [LT](TEMP) (10 kW to 140k W)

CA No. : 300001290
 Energisation Date : 05-04-2008
 Meter Type : 3PSK
 Supply Type : LT
 Bill No. : 100009577595
 Bill Basis : Actual

Supply Address : PLOT NO. 2 INSTITUTIONAL AREA VASANT
 Mobile / Tel. No. : 9958457665
 Email ID : kkbirla_academy@yahoo.co.in
 District / Division : Vasant Kunj
 Walking Sequence : VK1KC0001A1AA
 Bill Month : NOV-23
 Bill Date : 09-11-2023

Net Meter Consumption Details (Date Of Reading:)

Total Solar Generation Units		For the Billing Period			Cumulative Generation in FY			Solar Installation Details			Date of Installation			Capacity kWp		
B/F Units (If any)		Export Reading			Import Reading			Net Difference			Moderated Units			Excess Gen Unit	Shared by Prim	C/F Units (If any)
Normal	Peak	Offpeak	Normal	Peak	Offpeak	Normal	Peak	Offpeak	Normal	Peak	Offpeak					

(Consumption in the above table are in kWh/kVah, as applicable)

Meter No	Units	Billed Consumption (Current)		Billed Consumption (Previous)		Multiplication Factor	Current Consumption	
		Date of Meter Reading(24:00Hrs)	Reading	Date of Meter Reading	Reading		Days	Units
49603903	KWH	06-11-2023	1601.11	11-10-2023	1533.89	40.00	26	2689.00
49603903	KW	06-11-2023	0.70			40.00		28.00
49603903	KVAH	06-11-2023	1653.02	11-10-2023	1584.47	40.00	26	2742.00
49603903	KVA	06-11-2023	0.79			40.00		31.60
49603903	KVAHP	06-11-2023	467.06	11-10-2023	448.10	40.00	26	758.00
49603903	KVAHO	06-11-2023	276.17	11-10-2023	263.41	40.00	26	510.00

Annexure X



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

M/s K. K. Birla Academy

508 Surya Kiran Building 5th Floor 19
Kasturba Gandhi Marg New Delhi Delhi
110001

Date: 14-12-2020

Valid Upto: 12-12-2028

No Objection Certificate for Height Clearance

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations.

2. This office has no objection to the construction of the proposed structure as per the following details:

NOC ID :	PALM/NORTH/B/111020/509266
Applicant Name*	Jogendra Singh
Site Address*	K.K Birla Academy, Plot No. 2, Institutional Area, Vasant Kunj, Phase 2, New Delhi, Vasant Kunj, New Delhi, Delhi
Site Coordinates*	28 32 33.74N 77 08 53.04E, 28 32 32.85N 77 08 54.57E, 28 32 31.92N 77 08 56.92E, 28 32 31.72N 77 08 57.56E, 28 32 33.97N 77 08 58.47E, 28 32 40.83N 77 08 58.86E, 28 32 38.77N 77 09 02.13E
Site Elevation in mtrs AMSL as submitted by Applicant*	266.62 M
Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	282.49 M (Restricted)

*As provided by applicant

3. This NOC is subject to the terms and conditions as given below:

- Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The office in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994"
- The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.
- Airport operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.
- The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.
- The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994.

क्षेत्रीय मुख्यालय उत्तरी क्षेत्र, परिचालन कार्यालय परिसर रंगपुरी, नई दिल्ली - 110037 दूरभाष संख्या - 91-11-25653566
Regional headquarter Northern Region, Operational Offices Complex Rangpuri, New Delhi-110 037 Tel: 91-11-25653566

" हिंदी पत्रों का स्वागत है ।"



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

- f. No radio/TV Antenna, lighting arresters, staircase, Muntree, Overhead water tank and attachments of fixtures of any kind shall project above the Permissible Top Elevation of 282.49 M (Restricted) (AMSL), as indicated in para 2.
- g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operations is obligatory, within 8 KM of the Aerodrome Reference Point.
- h. The certificate is valid for a period of 8 years from the date of its issue. One time revalidation without assessment may be allowed, provided construction work has commenced, subject to the condition that such request shall be made within the validity period of the NOC and the delay is due to circumstances which are beyond the control of the developer.
- i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights
- j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.
- k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series B Part I Section 4, available on DGCA India website: www.dgca.nic.in
- l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is to ensure the safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.
- m. This NOCID has been assessed w.r.t Chillarki, I.G.I Airport, Rohini Heliport, Safdarjung Airport, Sampla Airport(s). NOC has been issued w.r.t. the AAI aerodromes and other licensed civil aerodromes as listed in Schedule-III, Schedule-IV(Part-1), Schedule-IV(Part-2; RCS Airports Only) and Schedule-VII of GSR751(E).
- n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule-V of GSR751(E). As per Rule 13 of GSR751(E), applicants also need to seek NOC from the concerned State Govt. for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR751(E).
- o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.
- p. In case of any dispute w.r.t site elevation and/or AGL height, top elevation in AMSL shall prevail.

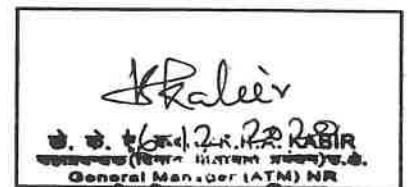
Chairman NOC Committee

Region Name: NORTH

Address: General Manager Airports Authority of India, Regional Headquarter, Northern Region, Operational Offices, Gurgaon Road, New Delhi-110037

Email ID: noc_nr@aai.aero

Contact No: 011-25653551



के.के. कबीर, ए.ए.टी.एम. के.के. कबीर
जनरल मैनेजर (ए.ए.टी.एम.) न.र.
आर.ए.आय. ऑफ इंडिया
ऑपरेशनल ऑफिस
रंगपुरी, गुडगाँव रोड, नई दिल्ली-37
Rangpuri, Gurgaon Road, N.D.-37

Name / Designation / Sign with Date	
Prepared By :	<i>K. K. Kabir</i> 14/12/2020, <i>K. K. Kabir</i> (NOC/ATM)
Verified By :	<i>K. K. Kabir</i> 16/12/2020, <i>K. K. Kabir</i> (2020)

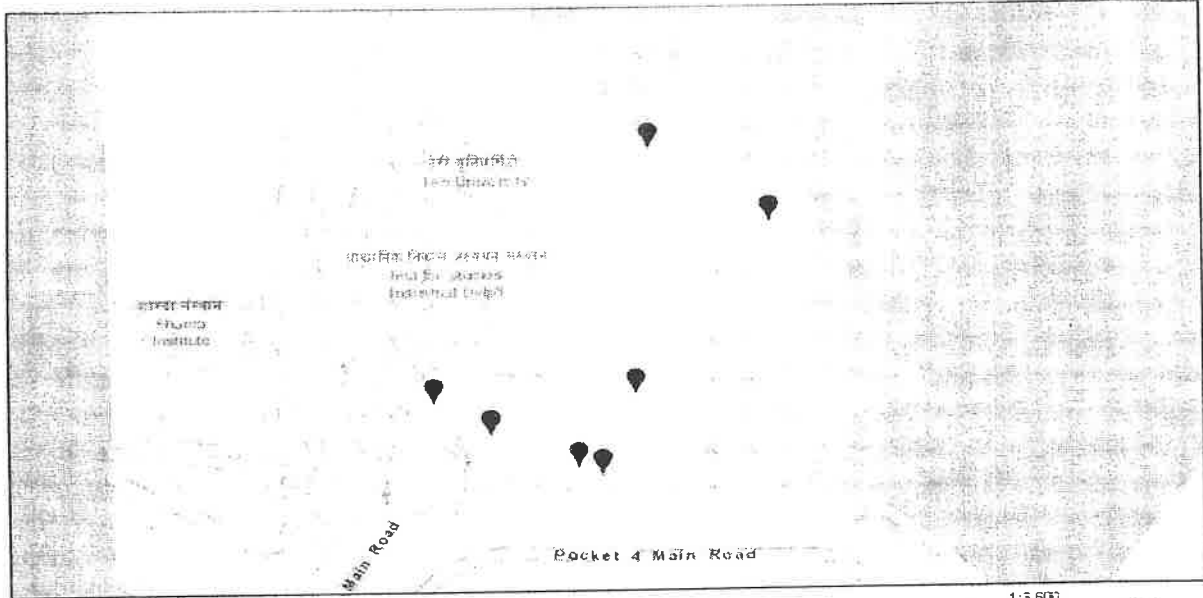
क्षेत्रीय मुख्यालय उत्तरी क्षेत्र, परिचालन कार्यालय परिसर रंगपुरी, नई दिल्ली - 110037 दूरभाष संख्या - 91-11-25653566
Regional headquarter Northern Region, Operational Offices Complex Rangpuri, New Delhi-110 037 Tel: 91-11-25653566

" हिंदी पत्रों का स्वागत है ।"

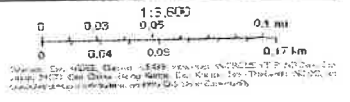
Distance From Nearest Airport And Bearing

Airport Name	Distance (Meters) from Nearest ARP	Bearing (Degree) from Nearest ARP
Chillarki	51928.09	64.48
J.G.I Airport	4538.91	124.96
Rohini Heliport	24656.46	157.76
Safdarjung Airport	7095.83	229.89
Sampla	44401.84	132.41
NOCID	PALM/NORTH/B/111020/509266	

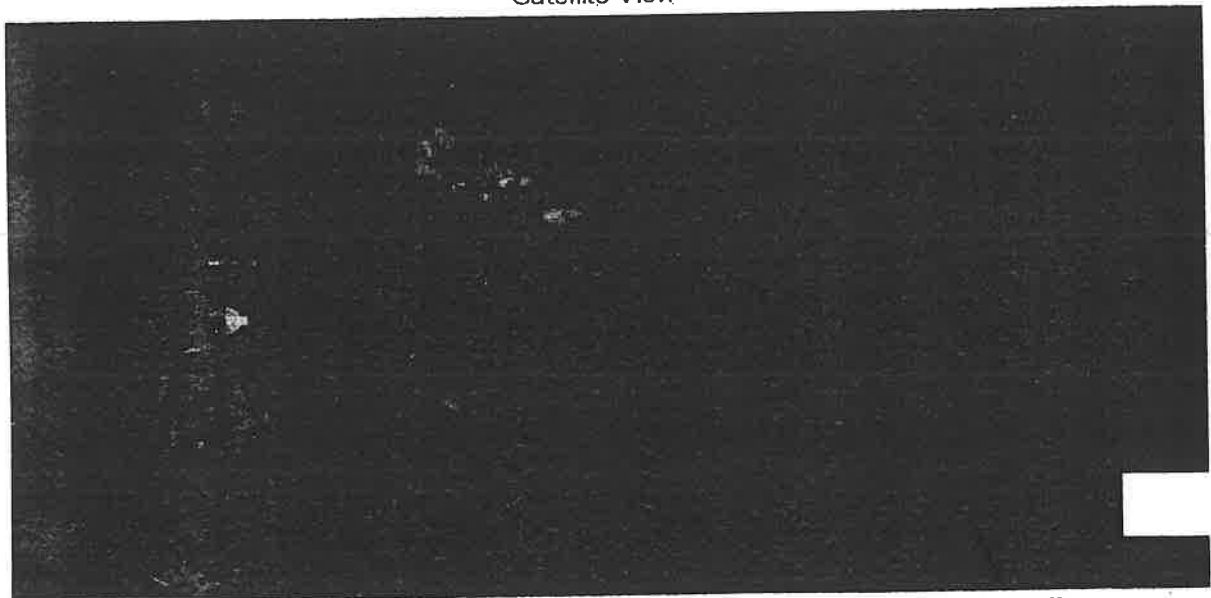
Street View



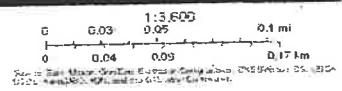
November 10, 2020



Satellite View



November 10, 2020



Annexure XI

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DIRECTORATE OF DELHI FIRE SERVICE, NEW DELHI - 110001

NO. F.6/DFS/MS/BP/2021/ 290

Dated 23/06/2021

To,

The Executive Engineer (Bldg.) HQ
South Delhi Municipal Corporation,
9th floor, Civic Centre, Minto Road
New Delhi 110002

Subject: Approval from fire safety point of view in r/o Research cum Museum Project, K.K. Birla Academy, Vasant Kunj Institutional Area Phase-II, New Delhi.

Sir,

Please refer your online request ID 10087984 dated 14.06.2021 on the subject cited above. In this connection, this is to inform you that the building plans in respect of proposed building have been scrutinized by this department from fire safety point of view and observed that there is a proposal of construction of Research cum Museum Project, K.K. Birla Academy, Vasant Kunj Institutional Area Phase-II, New Delhi. The details of the proposed building are as under:

S. No.	Block	Occupancy	Floor	Height	Covered area at typical level(SQM)	No. of Staircases	No. of Lifts and Ramp
1.	Block 1 & 2 (interconnected)	Assembly and Business (however socio cultural is mentioned in CAF)	G+1	13.075	4288.789	Total 17 nos. staircases of 2 m width each are proposed in the complex, out of them 07 nos. of staircases are serving from 3 rd basement to terrace of block 1&2, 06 nos. of staircases are serving from 3 rd basement to terrace of Block 3 and 04 nos. of staircases are serving from 3 rd basement to ground floor	Total 08 Nos. of lifts are proposed in all blocks 04 nos. of ramp (02 of 4.5 m wide and 02 of 7.2 m) are proposed to serve 3 rd level basement to ground floor
2.	Block 3	Business	G+3	13.075	2929.051		
3.	Combined Basement below all blocks (Level-1,2 & 3).	Assembly at Level1 and Parking/ services at Level 2&3	--	--	17620.054		

There is no objection to this department for the construction of the said building subject to the compliance of the following fire safety recommendations:-

- 1. Access to building:** The premises is proposed to be located on 30-meter wide main road and accessible through two 06-meter wide main gates. 06-meter wide motorable road for fire tender movement is proposed in the premises. Same shall be ensured free from obstructions.
- 2. Number, width, Type and arrangement of exits:** The staircases as mentioned in the above table are proposed in the premises. Same shall meet the requirement of the travel distance/ dead end restriction as per UBBL 2016. The exit doorways shall be openable from the side, which they serve without the use of a key as per clause 7.12.5 of UBBL 2016. All required exits that serve as egress from building for

- auditorium/ assembly occupancy shall be not less than 2.0 meter in clear width excluding framework and of classrooms shall be 1.2 meter. These shall meet the requirement of provisions of UBBL-2016. The exit facility, passages, gangways, seating arrangements, slopes etc in the auditorium shall be as laid down in Cinematograph Act and Rules. These shall further subjected to the conditions as laid down by the Licensing authority.
3. **Protection of exits by means of fire check doors and or pressurization:** The fire check doors of minimum 2hrs fire resistance rating at the entrance of staircases/ lift lobbies shall be ensured as per clause No. 8.4.3(g)/ 8.4.4(f) of UBBL 2016. Pressurization system for staircases, lift well and lift lobbies or corridors shall be installed as per NBC Part IV and as per clause 9.3.2 of UBBL-2016.
 4. **Compartmentation:** The building shall be suitably compartmentalized so that the fire / smoke remain confined to the area where fire incidents have occurred and does not spread to the remaining part of the building. This shall conform to clause 8.4.6 of UBBL-2016 & 4.5 of NBC-IV.
 - a. The services, standby generator, store etc. must be segregated from other by erecting fire-resisting wall of not less than 04 hours rating. Each of the compartments must be individually ventilated and the opening for entry into each of these compartments must be fitted with self-closing fire / smoke check doors of not less than one hour fire rating fitted with magnetic latches.
 - b. All electric cables ducts and shafts shall be properly sealed at all floors with fire resisting material of similar rating. These shafts shall be of minimum 02 hours fire rating.
 - c. Under no circumstances, two services shall pass through the same shaft, i.e. separate shaft be used for different purpose.
 - d. The entry to the staircase from all levels shall be segregated with a self-closing fire / smoke check door of not less than 02hour fire resistance rating. All vertical and horizontal openings including the gap between the glazing and the slab at each level in entire building shall be sealed properly with the non-combustible material having 02 hr fire resistance. Wherever false ceiling / suspended ceiling is provided, the same shall be of non-combustible in nature and that the compartmentation shall be extended up to ceiling level. As proposed water curtain in the basement shall be provided.
 5. **Smoke Management System:** Smoke control facilities shall be provided as per clause 8.4.5 of UBBL and 4.6 of NBC Part IV, Fire and Life Safety. Mechanical extractors shall have an interlocking arrangements and the system shall be of such design as to operate on actuation of heat/ smoke sensitive detectors or sprinklers. Smoke extractor system shall be designed to permit 12 air changes per hour in case of fire in upper floors and basement. A system of fresh air supply shall be provided at floor level and smoke outlet at ceiling level. Following points shall be ensured :
 - a. All ducting shall be constructed of substantial gauge metal conforming to IS: 655. Air duct serving main floor areas, corridors etc. shall not pass through the staircases enclosures.
 - b. Automatic fire dampers shall be provided in the ducts at the inlets of the fresh air and return air of each compartment/floor.
 - c. Automatic fire dampers shall be closed automatically upon operation of a detector/sprinkler.
 - d. The air ducts for every floor/compartment shall be separated. In no way inter-connected with the ducting of any other compartment.
 6. **Fire Extinguishers:** Fire extinguishers of ISI mark suitable to risk at all floors shall be provided as per clause 9.3.9 of UBBL 2016 in accordance with IS 2190-1992.

7. **First Aid Hose Reel:** Hose reel containing 30 m length of 20 mm bore terminating into a shut-off nozzle of 5 mm outlet connected directly to riser shall be provided in all buildings/basements. This shall conform to IS: 884/1998.
8. **Automatic Fire Detection and Alarming Systems:** Automatic fire detection system i.e. smoke / heat detection system shall be provided in the entire building in all areas including machine rooms as per clause 9.3.9 of UBBL-2016 and clause 4.9 of NBC part 4. The system shall be connected to fire alarm system and shall conform to IS: 2189/1999.
9. **Manually Operated Fire Alarm System:** Manually operated electric fire alarm (MOEFA) including talk back system shall be provided as per clause 9.3.9 of UBBL-2016/ NBC part 4 and the same shall conform to IS: 2189/1999.
10. **Public Address System:** The public address system shall be provided in the building, having loudspeakers in the common area. The microphone, amplifier and control switches of public address system shall be installed in the fire control room.
11. **Automatic Sprinkler System:** The Automatic sprinkler system shall be installed in the basements as per clause 9.3.9 of UBBL-2016 in accordance with BIS: 15105 / 2002. Flow alarm switch/gong shall be incorporated in the installation for giving proper indication/sound. The pressure gauge shall also be provided near the testing facility. The entire system including pump capacity and head, size of pipe network, orifice control etc. shall be provided in accordance with the relevant code. Fire service inlet shall also be provided at ground floor level.
12. **Internal Hydrant and Yard Hydrant:** Wet riser system in the building near staircase/ entrance lobby shall be provided as per IS 3844-1989. Hose box of suitable dimension shall be provided near each internal hydrant. Its design shall be such that it can be readily opened in an emergency. Each box shall contain two lengths of 63 mm diameter, 15m length, rubber lined delivery hoses conforming to IS: 636 complete with 63 mm instantaneous coupling conforming to IS: 903 with a nozzle of 16 mm diameter.
13. **Pumping Arrangements:** As proposed on the plans, a fire pump house having one electric pump of capacity 2850 LPM for hydrant and sprinkler system, one electrical pump of 1850 LPM for water curtain system, one standby diesel pump of capacity 2850 LPM, 01 Jockey pumps of 180 LPM with suitable head and a terrace pump of 900 LPM capacity shall be provided. The suitable orifice plate /reducer shall be provided to maintain the requisite pressure of 3.5 Bars at the remotest point. All the pumps shall be automatic in operation.
14. **Captive Water Storage for Firefighting:** As proposed on the plans, an underground tank of 2,00,000 liters capacity and overhead tank of 10,000 liters capacity on the terrace of each block shall be provided in the building. The underground water storage tank shall be approachable by the fire engine. Draw off connection/ fire service inlet shall be provided. The replenishment through bore well or from the town main be ensured @ 1000 LPM. This shall conform to the requirements given in National Building Code of India Part IV. Further, a ladder or any other form of open access to the overhead tank shall be provided as per clause 7.10.3 of UBBL 2016.
15. **Exit Signs:** Exit signage shall be provided in the building conforming to IS 9457:1980.
16. **Provision of lifts:** 08 nos. of passenger lifts are proposed in the building. The lifts shall be installed in conformity with the provisions of National Building Code of India Part 4.
17. **Standby Power Supply:** Emergency lighting, exit signs, staircase and corridor lighting circuit, lift, fire pumps smoke extraction system and pressurization shall be powered from an additional source of power supply like generator and shall be automatic in action. The emergency lighting system shall be capable of continuous operation for a minimum duration of 1hour and 30 minutes. The emergency lighting

shall be provided to be put on within 5 second of the failure of the normal lighting supply. The standby power supply shall be provided as per clause 8.5.3 of UBBL-2016.

18. **Refuge Area:** Not required as per NBC / UBBL-2016.
19. **Fire Control Room:** Not required as per UBBL-2016. However 01 Fire Control room is proposed on the plans, same shall be provided.
20. **Special Fire Protection Systems for protections of Special risks:** The construction of electric sub-station and installation of Dry Transformer, LT & HT panels shall be as per the provisions specified by the Electrical Authority. However, the following points shall be followed:
 - a. The HT & LT panels shall be separated with the walls of 2 hours fire resistance rating. It is necessary to separate shield wall extending up to the one meter on sides above the highest point of the transformer. Special protection systems as applicable shall be provided as per clause 5.1.4, 5.1.5, 5.1.6 of Part 4 NBC 2016.
 - b. The electric distribution cables/wiring shall be laid in a separate duct. The duct shall be sealed at every floor with non-combustible materials having the same fire resistance as that of the duct. Low and medium voltage wiring running in shaft and in false ceiling shall run in separate conduits;
 - c. Water mains, telephone lines, intercom lines, gas pipes or any other service line shall not be laid in the duct for electric cables; use of bus ducts/solid rising mains instead of cables is preferred.
 - d. Separate circuit for firefighting pumps, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes, so that fire in one circuit will not affect the others.
 - e. The inspection panel doors and any other opening in the shaft shall be provided with air tight doors having fire resistance of not less than 2 Hrs. the electric installations shall be as per BIS 1646.
 - f. The fire protection of kitchens shall be done as per clause G 5.2 of part 4 NBC 2016.

Open set back area, use of basement is not checked as it shall be checked by concerned Building authority / competent authority. The approval of building plans shall be valid only for the proposed occupancy/layout of the floors shown on the plans and any subdivision of the floors and change of use shall only be done with the prior approval of this department and the building sanctioning authority concerned.

Yours faithfully

(Atul Garg)
Director

011-23414000

[Handwritten signature]

Annexure XII

Anticipated Impact	Mitigation Measures
<p><u>Construction Phase:</u></p> <ol style="list-style-type: none"> 1. Dust emission from transportation of construction material. 2. Gaseous emissions from construction machinery. 3. Dust from construction activities. 4. Emission from DG sets. 	<ol style="list-style-type: none"> 1. Site will be enclosed with 5 m high barricade around the project boundary which will act as a wind breaker. 2. Water sprinkling will be carried out for dust suppression. 3. All the machinery deployed at site are of highest standard and of reputed make and comply with the emission standards 4. Low sulphur diesel will be used for DG sets, vehicles and construction machinery. 5. Vehicles having valid pollution under control (PUC) certificate will be allowed to enter the project site. 6. The trucks carrying construction materials and debris will be suitably covered by tarpaulin/plastic sheets 7. Speed of the vehicles will be restricted to 20 kmph by erecting speed bumps and signages at regular intervals within project site.

AIR ENVIRONMENT

Anticipated Impact	Mitigation Measures
<p><u>Operation Phase:</u></p> <ol style="list-style-type: none"><li data-bbox="555 1503 592 1989">1. Vehicular movement<li data-bbox="671 1563 708 1989">2. DG sets operation	<ol style="list-style-type: none"><li data-bbox="517 309 612 1171">1. Tree plantation to attenuate particulate matter.<li data-bbox="687 309 783 1171">2. Low sulphur diesel will be used for DG sets.<li data-bbox="858 309 954 1171">3. Stack height will be provided as per CPCB norms.<li data-bbox="1029 309 1125 1171">4. Ensure smooth traffic circulation and restriction on vehicular speed within the premises.

Annexure XIII

K K Birla Academy, M/s K K Birla Academy, Plot No-2, Vasant Kunj Phase-II, Institutional Area, New Delhi						
Ambient Air Quality Data (Feb-2024)				Location: AAQ-1 (Project site)		
S.No.	Date	PM10, µg/m ³	PM2.5, µg/m ³	SO ₂ µg/m ³ ,	NO ₂ , µg/m ³	CO, µg/m ³
		IS:5182:Pt-24	IS:5182:Pt-23	IS:5182:Pt-2	IS:5182:Pt-6	IS:5182:Pt-10
1	02.02.2024	204.3	129.9	15.7	36.5	1330
2	06.02.2024	200.6	128.0	16.9	35.0	1310
3	10.02.2024	196.9	125.2	16.0	36.6	1240
4	13.02.2024	190.6	122.4	15.8	35.9	1200
5	17.02.2024	203.8	129.5	15.3	35.5	1340
6	20.02.2024	194.1	123.7	15.6	35.1	1230
7	23.02.2024	202.2	128.3	15.9	36.5	1300
8	27.02.2024	193.0	124.1	16.3	35.8	1210
	Min	190.6	122.4	15.3	35.0	1200.0
	Max	204.3	129.9	16.9	36.6	1340.0
	Average	198.2	126.4	15.9	35.9	1270.0
	98 Percentile	204.2	129.8	16.8	36.6	1338.6
	NAAQS (For 24 hrly monitoring except CO)CO For one Hr	100	60	80	80	4000

K K Birla Academy/s K K Birla Academy, Plot No-2, Vasant Kunj Phase-II, Institutional Area, New Delhi**Noise Quality Data (Feb-2024)**

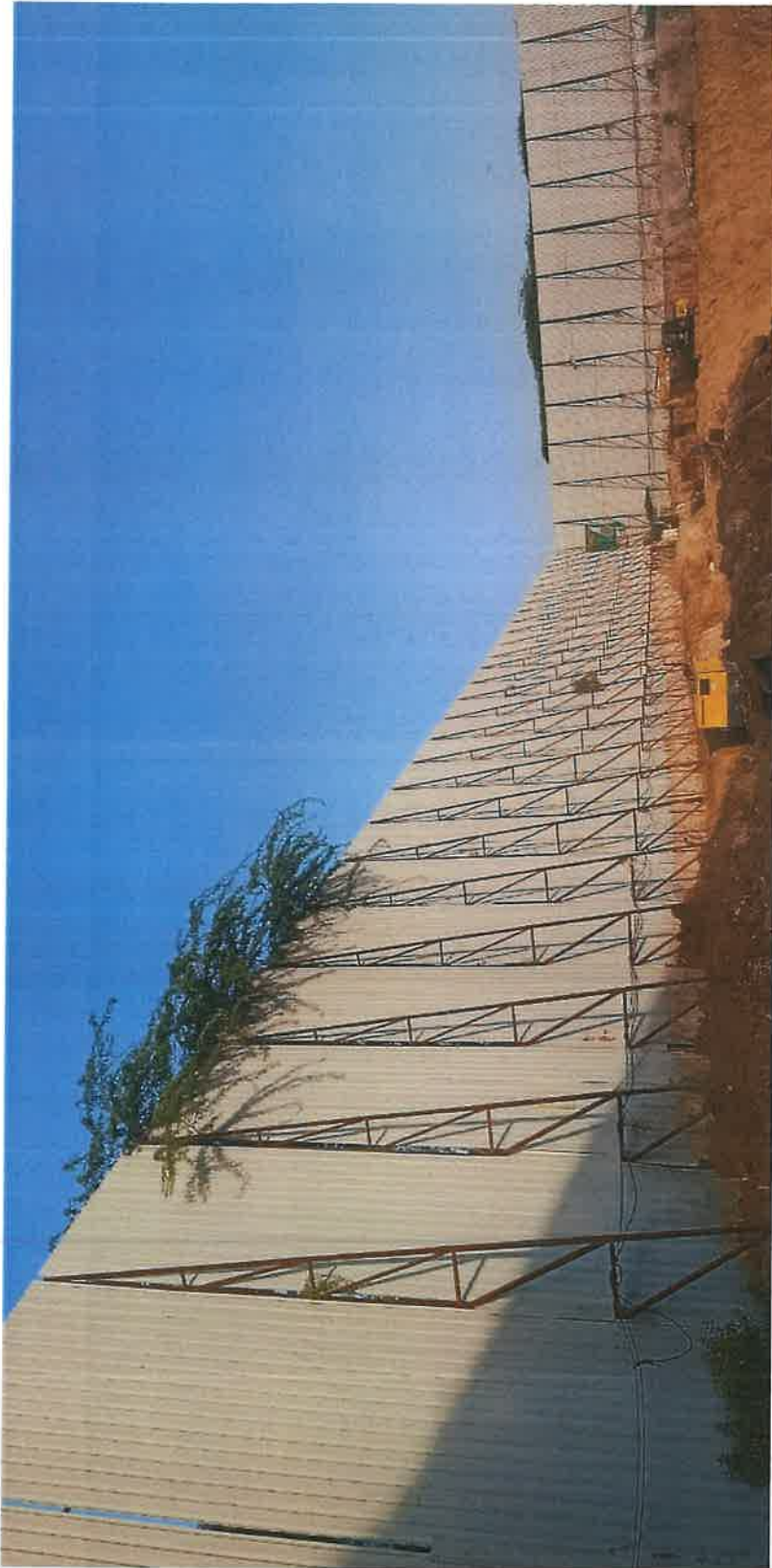
S.No.	Location	ZONE	LIMIT as per CPCB Guidelines Leq, dB(A)		Observed value Leq, dB(A)	
			DAY*	NIGHT**	DAY*	NIGHT**
1	Project Site	Silence Zone	50	40	54.2	46.3
*	Day time	(6.00AM TO 10.00PM)				
**	Nighttime	(10.00PM TO 6.00AM)				

K K Birla Academy,M/s K K Birla Academy,Plot No-2,Vasant Kunj Phase-II, Institutional Area,New Delhi			
Soil Quality Data(Feb-2024)			
			SQ1
S.No	Parameter	Unit	Project Site
1	Texture	-	Sandy Loam
2	Particle Size Distribution		
	Sand	%	63.8
	Silt	%	16.8
	Clay	%	19.4
3	pH (1:2 Suspension)	-	7.88
4	Electrical Conductivity (1:2 Suspension)	μS/cm	328
5	Moisture Content	%	9.1
6	Cation Exchange Capacity	meq/100gm	13.6
7	Available Potassium (as K)	mg/kg	69
8	Exchangeable Sodium (as Na)	mg/kg	121
9	Exchangeable Calcium (as Ca)	mg/kg	2032
10	Exchangeable Magnesium (as Mg)	mg/kg	334
11	Sodium Absorption Ratio	-	0.65
12	Organic Matter	%	0.89
13	Total Nitrogen (as N)	mg/kg	39
14	Nitrate (as NO ₃)	mg/kg	5.2
15	Total Phosphorus (as PO ₄)	mg/kg	5.3
16	Iron (as Fe)	mg/kg	3.4
17	Zinc (as Zn)	mg/kg	1.6
18	Copper (as Cu)	mg/kg	1
19	Boron (as B)	mg/kg	1.2
20	Manganese (as Mn)	mg/kg	4.8
21	Water Holding Capacity	%	25.6
22	Permeability	cm/hr	2.4
23	Porosity	%	37.5
24	Bulk Density	gm/cc	1.32

Conversion

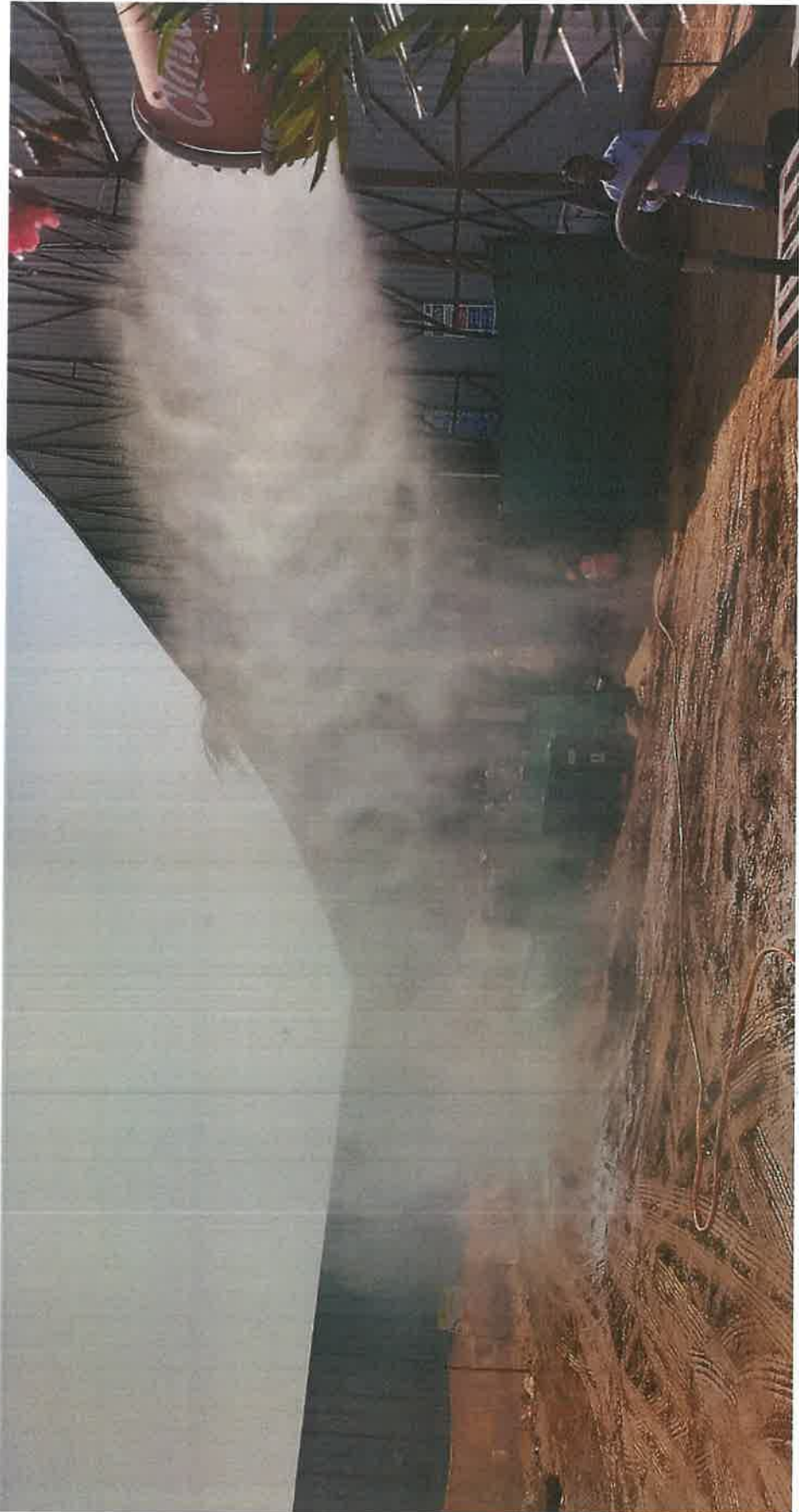
Total Nitrogen (as N) kg/ha	154.44
Total Phosphorus (as P ₂ O ₅) kg/ha	15.74
Available Potassium (as K) kg/ha	330.62

Annexure XIV





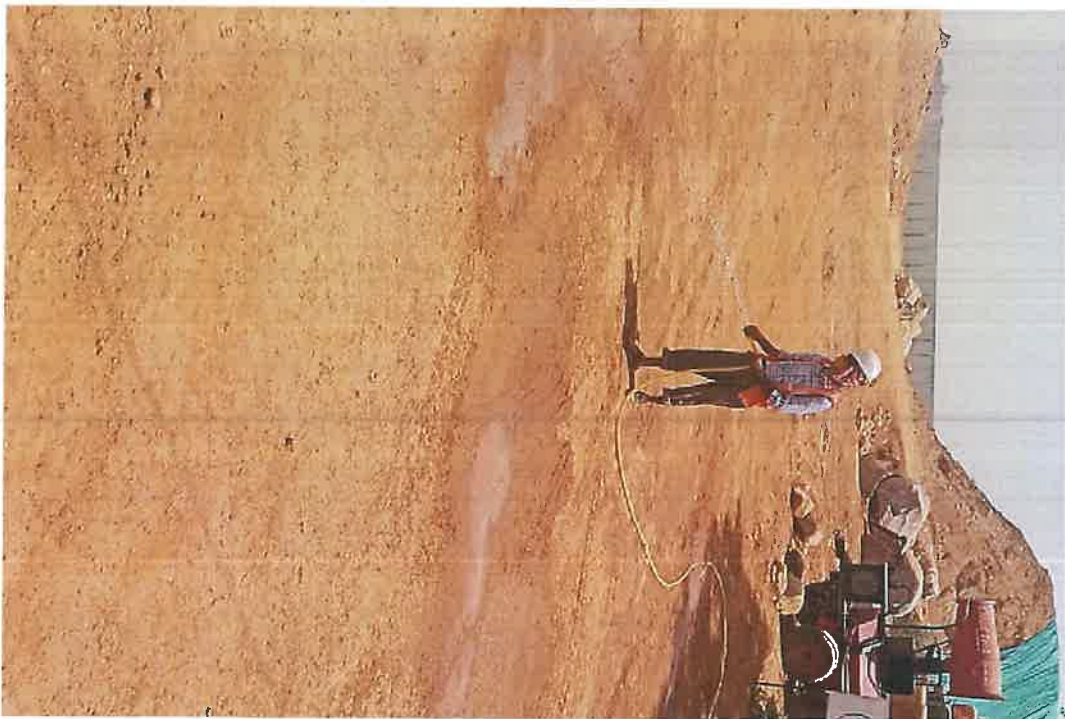
Annexure XV



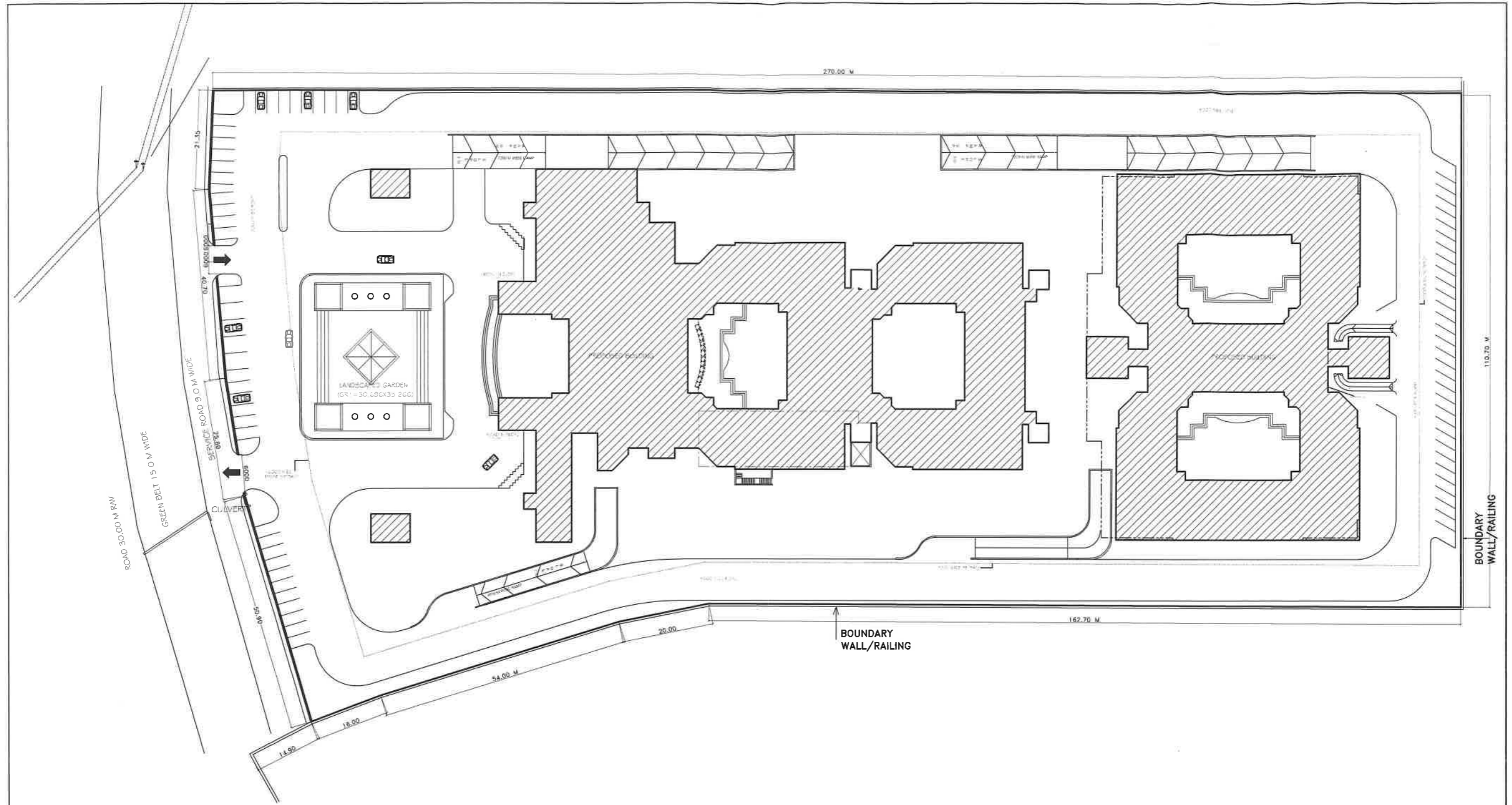


Annexure XVI





Annexure XVIII



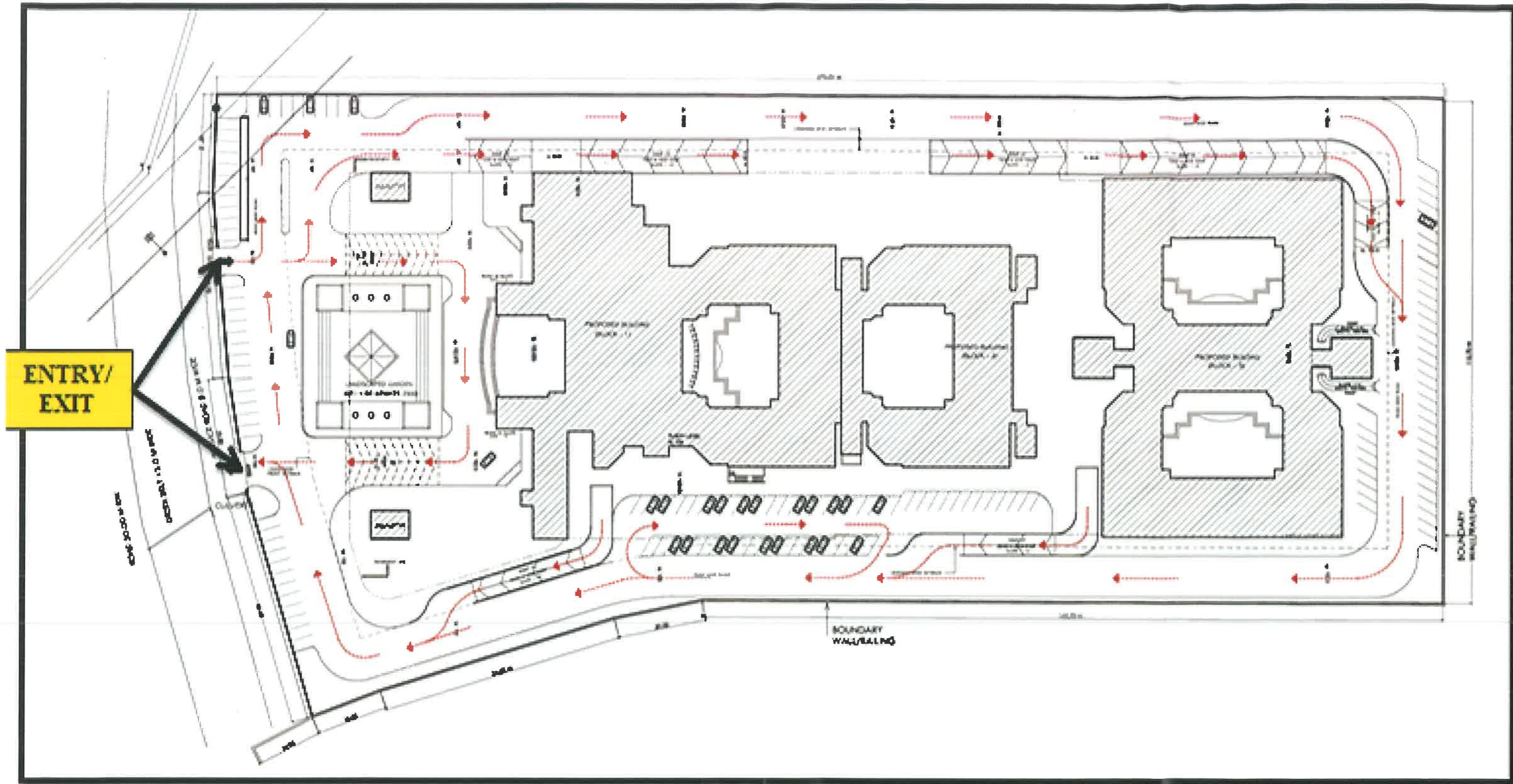
PROJECT
PROPOSED K.K.BIRLA ACADEMY, VASANT KUNJ
INSTITUTIONAL AREA, PHASE-II

OWNER'S SIGN	ARCHITECT'S SIGN
TITLE SUBMISSION DRAWING	
SITE PLAN SCALE 1:300 DRG. NO - DATE : 27 FEBRUARY 2021	
PROJECT ARCHITECT C.P. KUKREJA ARCHITECTS ASHIRWAD BUILDING D-1, GREEN PARK NEW DELHI - 110016, PHONE:- 26863953	





Annexure XXI



Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

Transport Department, GNCT of Delhi

Date : 18/04/2023
Time : 09:58:23 AM
Validity upto : 17/07/2023



Certificate SL. No. : DL00901020003155
Registration No. : HR55U2197
Date of Registration : 11/Sep/2014
Month & Year of Manufacturing : June-2014
Valid Mobile Number : *****7507
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : DL0090102
GSTIN :
Fees : (GST to be paid extra as applicable)
MIL observation : No



Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
● Idling emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
● High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
● Smoke Density	Light absorption coefficient	1/metre	2.45	0.61

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

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

18/04/2023 9:58 AM

Signature

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Haryana

Date : 05/07/2022
Time : 09:51:39 AM
Validity upto : 04/07/2023



Certificate SL. No. : HR03801330001732
Registration No. : HR38Y4714
Date of Registration : 17/Sep/2018
Month & Year of Manufacturing : August-2018
Valid Mobile Number : *****0531
Emission Norms : BHARAT STAGE IV
Fuel : DIESEL
PUC Code : HR0380133
GSTIN :
Fees : Rs.100.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
● Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda		1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	1.04

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

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

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

FORM XXXVI
(see rule 111 (c))
CERTIFICATE OF MEDICAL EXAMINATION

Name of the Project: The Boring

Date: 30/05/23

Certificate Serial No. 0012

1. Name of the workman : Hithloski
2. Trade of the workman : Helper
3. Identification marks : A cut of leg
4. Father's/ Husband's/ wife's Name: Dyanani
5. Sex : Male
6. Residence Address : New delhi
7. Date of birth, if available : 01/01/1975 and/or certificate age 53 / year

I hereby certify that I have personally examined as per the physical & medical examinations prescribed in the given annexure-I (name) Hithloski who is desirous of being employed in building and construction work and that he/she is fit for employment in godigo

8. Reason for-

- (1) Refusal of certificate
- (2) Certificate being revoked

Note: 1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

Physical Examination		Enquiry of previous history	
a) Height	<u>5'11"</u>	a) Varicose	
b) Weight	<u>60 kg</u>	b) Seizure	
c) Blood Pressure	<u>120/70</u>	c) Vertigo	<u>None</u>
d) Pulse	<u>78/min</u>	d) Acrophobia	
e) Hearing	<u>Normal</u>	e) Diabetes	
f) Refractive Error	<u>Normal</u>	f) Stroke	
g) Colour Vision	<u>6/6</u>	g) Heart Diseases	
h) Any Disability	<u>N/A</u>	h) Major illness or Surgery	<u>N</u>
i) Arm Function & Grip	<u>N/A</u>	i) Symptoms Visible	
j) Leg & Foot Function	<u>Normal</u>	j) Others, if any	

[Signature]
Signature/Left hand Thumb
Impression of worker

[Signature]
Signature with seal Medical Inspector
REG No.

FORM XXXVI
[(see rule 111 (e))]
CERTIFICATE OF MEDICAL EXAMINATION

Name of the Project: THEBrij

Date: 29/05/20

Certificate Serial No. 807

1. Name of the workman : Aman Kumar
2. Trade of the workman : Helper
3. Identification marks : A black mark of Hand.
4. Father's/ Husband's/ wife's Name: Mithlesh Kumar
5. Sex : male
6. Residence Address : Mehipalpur
7. Date of birth, if available : 01/01/2004 and/or certificate age 15/03 years

I hereby certify that I have personally examined as per the physical & medical examinations prescribed in the given annexure-I (name) Aman Kumar who is desirous of being employed in building and construction work and that he/she is fit for employment in andigo.

8. Reason for--

- (1) Refusal of certificate
- (2) Certificate being revoked

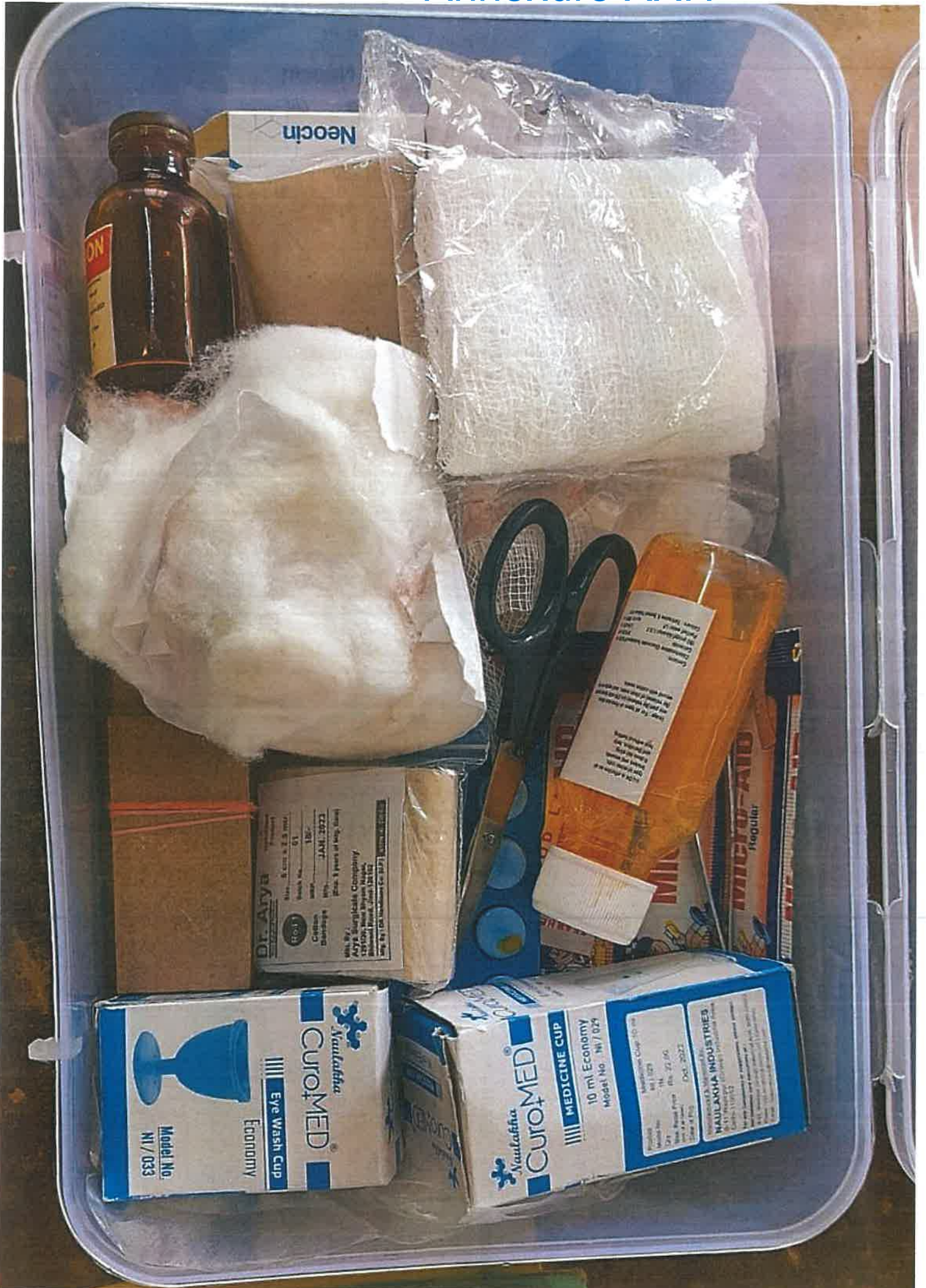
- Note: 1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

Physical Examination		Enquiry of previous history	
a) Height	<u>5''</u>	a) Varicose	
b) Weight	<u>50 kg.</u>	b) Seizure	<u>ni/m</u>
c) Blood Pressure	<u>110/75</u>	c) Vertigo	
d) Pulse	<u>75/min.</u>	d) Acrophobia	
e) Hearing	<u>Normal</u>	e) Diabetes	
f) Refractive Error	<u>Normal</u>	f) Stroke	
g) Colour Vision	<u>6/6</u>	g) Heart Diseases	
h) Any Disability	<u>None</u>	h) Major Illness or Surgery	
i) Arm Function & Grip	<u>Normal</u>	i) Symptom's Visible	<u>None</u>
j) Leg & Foot Function	<u>Normal</u>	j) Others, If any	<u>None</u>

[Signature]
Signature /Left hand Thumb
Impression of worker

[Signature]
Signature with seal Medical Inspector

Annexure XXIV



Annexure XXVI

K. K. BIRLA ACADEMY

Regd. Office : C-340, Chetna Marg, Block C,
Defence Colony, New Delhi - 110024, INDIA
Tel.: 011-45546121.

June 21, 2023

KKBA/2023/DDA/003

The Dy. Director (Instl. Lands)
Delhi Development Authority, Institutional land Branch,
A-Block , Second Floor
Vikas Sadan, INA, New Delhi

Sub. : Submission of Environmental Clearance letter dt. 21 May 2021

Dear Sir,

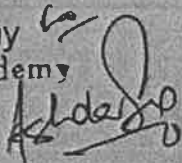
Please find enclosed herewith copy of Environmental Clearance approval letter dated 21.05.2021

This is for your kind records and information.

Thanking you,

Yours faithfully,

For K. K. Birla Academy
For K.K. Birla Academy



[Authorised Signatory]

Encl.: EC approval letter



R & D SYSTEMS

www.dda.org.in

**DELHI DEVELOPMENT AUTHORITY
(Receipt & Despatch Cell)**

Acknowledgement

Receipt Number : REC / LD / 23 / 6,338 Date: 21/06/2023 3:18:02PM
Letter Date : 21/06/2023
Subject : SUBMISSION OF DOCUMENTS
DDA file Number : NIL
Received From : KK BIRLA ACADEMY
Addressed To : LD JT. DIRECTOR (INSTL. LANDS)
Total Pages : 8

1. The correctness of the above enclosures are subject to verification by the concerned Department
2. For any type of clarification and inquiry, please contact the branch officer concerned on any working Monday & Thursday between 2.30 PM to 5.00 PM.

Received By : AMIT KUMAR

K. K. BIRLA ACADEMY

Regd. Office : C-340, Chetna Marg, Block C,
Defence Colony, New Delhi - 110024, INDIA
Tel.: 011-45546121,

ENVIRONMENT POLICY

M/s K.K. Birla Academy has a well-defined policy to keep the Environment clean and green. The company has decided that all effective steps shall be taken to ensure that flow of information from working level to top level should flow in a smooth and coordinated manner, so that in case any deficiency is noted, it is brought to the notice of top management and preventive and corrective action is initiated in a systematic manner

Resolution: M/s K.K. Birla Academy, w.r.t Live Museum Project at Plot No.2, Institutional Area-Phase II, Vasant Kunj, New Delhi.

M/s K.K. Birla Academy is committed to:-

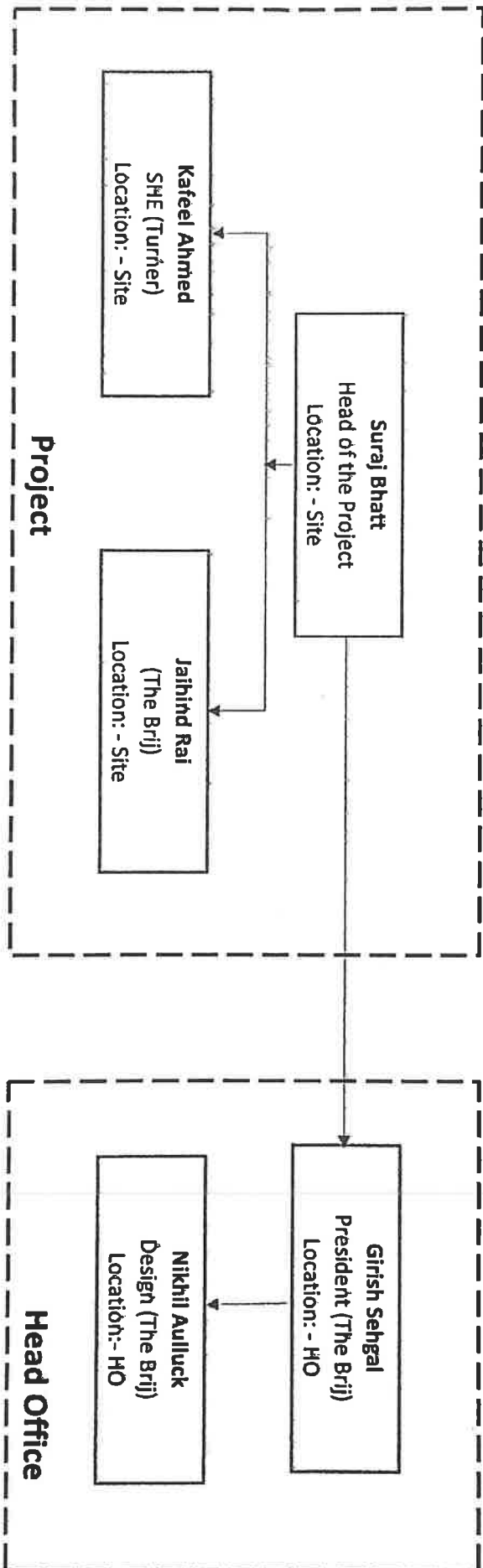
- ❖ Follow the National laws and regulations related to Environment Protection and Prevention & Control of Pollution.
- ❖ Design, construct and operate the plant by adopting technology and process that are sustainable and environmentally acceptable in the country.
- ❖ Adoption of State of the Art technology for prevention and control of impacts.
- ❖ Take steps to prevent, minimize and control releases to air, water and land of substances which could adversely affect human health and the environment.
- ❖ Operate facilities and conduct activities taking into consideration the efficient use of natural resources.
- ❖ Provide and maintain healthy and safe working condition for all employees.
- ❖ Ensure the protection of the health and safety of workers.
- ❖ Adopt measures to ensure that all its contractors and business associates also comply with National laws and regulations related to Environment & Control of Pollution.
- ❖ Focus on continual improvement of environmental performance and ensure involvement of employees at all levels by providing training & awareness.

For effective and efficient implementation of Environment Policy, Company shall:-

- ❖ Ensure the allocation of sufficient financial, human and technological resources along with organizational infrastructure for its implementation.
- ❖ Prepare and maintain site specific, list of all the applicable regulations legal records, compliance requirements and compliance status.
- ❖ Develop and implement innovative processes focused on reducing consumption of energy and water and minimizing quantity of waste dispose.
- ❖ Review facilities and programs on a regular basis and establish monitorable targets, quantified as appropriate for continual improvement of our environmental performance.
- ❖ As far as practicable, purchase products and services that will have minimum impact on the environment.
- ❖ Communicate the environmental commitment and performance of the organization to the stakeholders.
- ❖ Establish an organizational structure to oversee the effective implementation of corporate environment policy. Define key responsibilities with the various levels of organization for policy implementation.



ENVIRONMENTAL CELL



COST OF ENVIRONMENT MANAGEMENT PLAN

COMPONENT	CAPITAL COST (INR LAKH)	RECURRING COST/YR (INR LAKH)
Sewage Treatment Plant	9	2.25
Rain Water Harvesting System	4.5	1.125
Solid Waste Management	4	1
Environmental Monitoring	Nil	9
Green Area	10	2.5
Others (Energy saving devices, miscellaneous)	10	2.5
TOTAL	37.5	18.375

ENVIRONMENT MONITORING COST

CONSTRUCTION PHASE

S. No.	Particulars	Parameters	Frequency	Approx. Recurring cost /Annum (INR Lakh)
1.	Ambient Air Monitoring	PM _{2.5} , PM ₁₀ , SO ₂ & NO ₂	Once in a Month	2.0
2.	Water Quality Monitoring	Drinking Water Specifications	Once in three months	2.0
3.	Stack Emission Monitoring	PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ , HC & CO	Every Six Month	2.0
4.	Noise Level Monitoring	24 Hrs. Noise Level	Once in Every Week	1.0
TOTAL				Rs. 7.0 Lakh

ENVIRONMENT MONITORING COST

OPERATIONAL PHASE

S. No.	Particulars	Parameters	Frequency	Approx. Recurring Cost /Annum (INR Lakh)
1.	Ambient Monitoring	Air PM _{2.5} , PM ₁₀ , SO ₂ CO & NO ₂	Once in Every Three Months	2.0
2.	Stack Emission Monitoring	PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ , CO HC	Every Six Months	2.0
3.	Treated Effluent Monitoring	pH, BOD, COD, Oil, Grease & Total Suspended solids	Daily	2.0
4.	Noise Level Monitoring	24 Hrs. Noise Level	Every Three Months	1.0
5.	Water Quality Monitoring	Drinking Water Specifications as per IS 10500	Once in three months	2.0
	TOTAL			9.0 Lakh

- v. The building plans should be got approved from the Lessor/DDA before getting the same sanctioned for the construction on land and construction as per sanctioned plan shall be completed within a period of 2 years from the date of taking over possession of the plot allotted.
- vi. The allottee shall not sell, transfer, assign or other wise part with possession of the whole or any part of the said land or any building thereon except with the provisional consent in writing of the Lessor which he shall be entitled to refuse in his absolute discretion.
 - a) PROVIDED what in the event of the consent being given the Lessor may impose such terms and conditions as he thinks fit and the Lessor shall be entitled to claim and recover the whole or a portion (as the Lessor may in his absolute discretion determined) of un-earned increase in the value (i.e. the difference between the premium paid and the market value) of the said land at the time of sale, transfer assignment or Lease in the respect of the market value, shall be final and binding.
 - b) Not with standing any thing contained in cause (vi) above, the Lessee may with the provisions consent in writing of the Lt. Governor of Delhi (hereinafter called the Lt. Governor) mortgage or change the said land to such person as may be approved by the Lt. Governor in his absolute discretion.
- vii. The lease deed shall be executed and got registered by the society at its own cost as and when called upon to do so, by the Lessor (President of India)/ DDA.
- viii. In case the allottee is being allotted land for clubs. Community Hall then the Community Hall/clubs shall also be used by the resident of the colony and officers of the DDA residing in near by colonies within a radius of 8 KM. on the some fees/ charges as are payable by the members of the Club/ Society. The residents/ officers of the DDA will be treated at per with the Members of Society for using the facilities provided at the clubs/ community hall, on the payment of same fees/ charges etc. as are payable by the members of the Lessee / Allottee.
- viii-A. The trees if any standing on the plot in question shall remain as DDA property and shall not be removed or disposed of without the prior approval of the Lessor in writing.
- ix. That all other conditions as contained in the perpetual lease deed to be executed in this behalf and any other terms/ conditions imposed from time to time by the Central Government/ Lt. Governor shall be bindings upon the allottee. The format of lease deed can be purchased from the office of DDA.
- x. If the allottee violates any terms and conditions as mentioned above and in the perpetual lease deed, the allotment shall be cancelled and possession of the land/ plot with super structure standing thereon if any, will be taken over by the Lessor (President of India)/ DDA without any compensation to the Allottee.

- xi. If the allotment is cancelled for breaches of any terms/ conditions of the allotment, the possession of plot/land with building, if any will be handed over to the DDA by the Allottee on the date given in the cancellation notice.
2. If the above terms/ conditions are acceptable to you, the acceptance thereof with Attested undertaking be sent to the undersigned alongwith a Demand Draft for Rs. 5,55,70,094/- in favour of D.D.A. within 60 days from the date of issue of this letter. The said amount can also be deposited in Central Bank of India, Vikas Sadan, INA, New Delhi, and copy of challan for having deposited the money, may be sent with the acceptance letter alongwith undertaking within 30 days of the issue of this letter.
3. In case the payment and the acceptance letter with undertaking is not received within 90 days from the issue of this letter, it will be presumed that you are not interested in the allotment of the land and the offer will be stand withdrawn.
4. The allottee / society shall given an undertaking to the effect that it shall not claim any interest from DDA for the period intervening between the issue of allotment-cum-demand letter and actual possession of the plot after development.

Yours faithfully,

Sd/-

Dy. Director (Instl.)
D. D. A., Vikas Sadan,
New Delhi.

Premium of land measuring 3.17 hect. @ Rs. 80 lacs per Acre	Rs. 6,26,56,000.00
Ground Rent @ 2.5% p.a. of the Premium	Rs. 15,66,400.00
Total	Rs. 6,42,22,400.00
Less already paid Rs. 50 lacs +7% p.a. interest w.e.f. 2.7.85 to 30.11.95 (Rs. 50 lacs + Rs. 36,52,306/-)	(-) Rs. 86,52,306.00
Net Payable	Rs. 5,55,70,094.00

Copy to :

Accounts Officer (IL)

Dy. Director (Instl.)







SITE PHOTOGRAPHS





Shot on moto g73 5G
Mir Manzar Iqbal

Sept 22, 2024, 14:38:17



Annexure XXXI



