

# Manipal University Jaipur Divestment from Carbon-Intensive Energy Industries

## Introduction

Objective

This policy aims to delineate Manipal University Jaipur's dedication to withdrawing investments from carbon-heavy energy sectors, specifically coal and oil, in alignment with our overarching commitment to environmental sustainability and social accountability.

## Coverage

This policy is applicable to all investment choices undertaken by Manipal University Jaipur and its affiliated entities, encompassing endowment and pension funds.

## Background

Rationale for Divestment

The threat posed by climate change to our planet is profound, necessitating immediate action to alleviate its effects. Industries that rely heavily on carbon, such as coal and oil, are significant sources of greenhouse gas emissions, making them a central target for divestment initiatives. By withdrawing investments from these sectors, we reinforce our commitment to minimizing our carbon footprint and advancing sustainability.

## Ethical and Moral Responsibility

As a higher education institution, we bear a moral and ethical obligation to ensure that our investments reflect our core values. Divesting from carbon-intensive sectors demonstrates our commitment to the principles of environmental stewardship, social equity, and responsible corporate conduct.

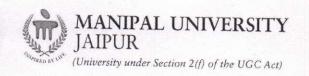
## Principles of Divestment

Gradual Divestment

Manipal University Jaipur commits to a gradual divestment process, recognizing that an abrupt transition may not be financially prudent. We will develop a clear divestment plan with specific timelines and milestones.

## Fiduciary Responsibility

While pursuing divestment, we will uphold our fiduciary duty to protect the financial interests of the university and its stakeholders. Investment decisions will continue to prioritize maximizing returns within ethical and sustainable parameters.



## Implementation

## Review of Current Investments

The Investment Committee, in collaboration with financial advisors, will conduct a comprehensive review of our current investments to identify holdings in carbon-intensive energy industries. This review will serve as the basis for divestment planning.

Engagement and Advocacy

Where divestment is not immediately feasible, Manipal University Jaipur will engage with companies in the targeted industries to advocate for improved environmental practices, transparency, and sustainability initiatives.

## Divestment Plan

Manipal University Jaipur will develop a detailed divestment plan that includes:

- A list of specific carbon-intensive energy holdings to be divested.
- A timeline for divestment activities.
- Strategies for reinvesting divested funds in socially responsible and sustainable investments.
- Regular progress reports and updates to relevant stakeholders.
- Strategies for raising awareness amongst stakeholders.

## Communication

Transparent communication is vital throughout the divestment process. We will inform stakeholders, including students, faculty, staff, and alumni, about our commitment to divestment and the progress made.

## Reporting and Accountability

## Annual Reporting

Manipal University Jaipur will provide an annual report to the university community and the public on our progress towards divestment goals, including updates on the status of divestment from carbon-intensive energy industries.

## Oversight

The Investment Committee, in conjunction with the Board of Trustees, will oversee the implementation of this policy and ensure that divestment activities align with our mission and values.

## Review and Amendments

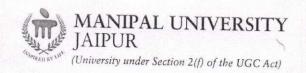
## Regular Review

This policy will be subject to periodic review to ensure its continued alignment with Manipal University Jaipur's sustainability goals and evolving best practices in responsible investing.

#### Amendments

Amendments to this policy may be proposed and considered by the Board of Trustees, with input from relevant stakeholders, as needed to adapt to changing circumstances or goals.

Manipal University Jaipur, Dehmikalan, Near GVK Toll Plaza Jaipur-Ajmer Expressway, Jaipur, Rajasthan 303007 Dir. 91 14 1399 9100 fax. 91 14 1399 9102 www.jaipur.manipal.edu



Manipal University Jaipur is committed to achieving its divestment goals and contributing to a more sustainable and responsible financial future while upholding its mission of education, research, and ethical leadership.

## **Version History**

Number	Year	Major Revision			
Version 4.0	2023	Focus on awareness			
Version 3.0	2022	Prioritize maximizing returns within ethical and sustainable parameters.			
Version 2.0	2021	Inclusion of special clause according to carbon audit report.			
Version 1.0	2018	Initial policy			

## **Raiasthan State Pollution Control Board** 4, Institutional Area, Jhalana Doongari, Jaipur-302 004



Phone: 0141-2716840

## Registered

F(HDF)/JAIPUR(Sanganer)/6935(1)/2023-2024/5986-5988 File No :

Order No: 2023-2024/HBC/2809 **Dispatch Date:** Dec 14 2023 1:06PM

Unit Id: 27890

M/s Manipal University, Jaipur

Khasra No 467,469,474,458/1,473,475, 542, 544 Village Dehmi Kalan, Tehsil Sanganer, Ajmer Road, Dehmi Kalan Tehsil:Sanganer

District: JAIPUR

Consent to Establish under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application(s) for Consent to Establish dated 16/06/2023 and subsequent correspondence.

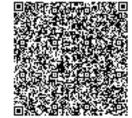
Sir,

**Consent to Establish** under the provisions of Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder ,is hereby proposed granted for your Manipal University Jaipur plant situated / at **Khasra** 467,469,474,458/1,473,475, 542, 544 village Dehmi Dehmi Kalan Tehsil:Sanganer District: JAIPUR, Rajasthan under the provisions of the said Act(s). This consent is granted on the basis of examination of the information furnished by you in consent application(s) and the documents submitted therewith, subject to the following conditions:-

- 1 That this Consent to Establish is valid for a period from 16/06/2023 to 31/05/2028 or date of commencement of production / commissioning of the project or activities whichever is earlier.
- That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below:

Particular	Туре	Quantity / Capacity		
Gross Built up Area	Product	21,525.00 SQ. METER		

That in case of any increase in capacity or addition / modification / alteration or change in product mix or process or raw material or fuel, the project proponent is required to obtain fresh consent to establish.





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<sup>4</sup> That the control equipment as proposed by the applicant shall be installed before trial operation is started for which prior consent to operate under the provision of the **Water Act and Air Act** shall be obtained. This consent to establish shall not be treated as consent to operate.

5 That the quantity of effluent generation and disposal along with mode of disposal for the treated effluent shall be as under:

Type of effluent	Max. effluent generation (KLD)	Quantity of effluent to be recycled (KLD)	Quantity of treated effluent to be disposed (KLD) and mode of disposal
Domestic Sewage	24.000	16.000	5.000 Plantation and Horticulture within premises

**6** That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:





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Sources of Air Emissions	Pollution Control	Prescribed				
	Measures	Parameter	Standard			
Dg set( 1010KVA)	ACOUSTIC ENCLOSURE, ADEQUATE AIR POLLUTION CONTROL MEASURES, ADEQUATE STACK HEIGHT, ADEQUATE STACK HEIGHT OF 30 MTR.	NOx (as NO2) (at 15% O2) day basis in ppmv NMHC (as C) (at 15% O2) PM (at 15% O2) CO (at 15% O2)	710 mg/Nm3 100 mg/Nm3 75 mg/Nm3 150 mg/Nm3			

That the Domestic Sewage shall be treated before disposal so as to conform to the standards prescribed Board notified under (Protection) by the as the Environment Act-1986 for disposal Into Surface The regular Inland Water. main parameters for monitoring shall be as under:





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Parameters	Standards
Oil and Grease	Not to exceed 10 mg/l
pH Value	Between 6.5 to 9.0
Biochemical Oxygen Demand (3 days at 27C)	Not to exceed 10 mg/l
Chemical Oxygen Demand	Not to exceed 50 mg/l
NH4 (N)	5 mg/l
N total	10 mg/l
Total Suspended Solids	Not to exceed 20 mg/l
Fecal Coliform (MPN per 100 ml )	Not to exceed 100

- 8 That the unit shall obtain all necessary permission from District Administration, Jaipur and Government of Rajasthan related to establishment of new academic block "Block-3" in "Manipal University", Khasra No 467, 469, 474, 458/1, 473, 475, 542, 544 Village Dehmi Kalan, Tehsil Sanganer, Ajmer Road, Tehsil: Sanganer District: JAIPUR, Rajasthan.
- 9 That this consent to establish is being issued for Academic Block-3 for Gross Built Up area: 21,525 Sq.m. For any change in area, the unit has to seek fresh consent to establish.
- 10 That if the project cost exceeds Rs. 104 Crore, the unit shall take/obtain modification in consent after paying fee as applicable.
- 11 That the unit shall provide adequate & safe infrastructure facility (step ladder) for monitoring at stack of D.G. set.
- 12 That the unit shall apply for CTO for Built up area @ 21,525 sq.m. within 15 days time period.
- 13 That the unit shall get amendment in all the previous CTOs for correct Built up area, where the same have been obtained for increased Built up area as compared to approved map.





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Ai ca, jilalalia Dooligai i, jaipui 302

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14 That unit shall comply standards as specified in Environment (Protection) Act,1986, (Limiting concentration in mg/l, except for pH):

i. pH: 6.5-9.0

ii. BOD 3days, 27 degree Celsius: 10

iii. COD: 50

iv. Oil & Grease: 10

v. TSS: 20 vi. N-total : 10

vii. Fecal Coliform: 100 MPN/100 ml

viii. NH4-N:5

- 15 That the unit shall comply with the standards as prescribed vide MOEF notification no. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality.
- 16 That the unit shall ensure compliance of ambient air quality standard in respect of noise as prescribed under Environment (Protection) Act & Rules made therein.
- 17 That unit shall provide adequate stack height along with acoustic enclosures on one D.G. set of 1010 KVA. Further unit shall not allow installing any air pollution source i.e. Boiler/Hot water generation etc. without prior consent to establish from the Board under the Air Act 1981.
- 18 That the total water consumption shall not exceed 30 KLD. The ground water shall not be abstracted without prior NOC from Central Ground Water Authority.
- 19 That the water flow meters shall be provided at all suitable points to measure quantity of daily water consumption, waste water generation, waste water treated and treated waste water recycled and utilized for plantation/gardening purposes. Daily record of the same shall be maintained and to be submitted to the Board.
- 20 That the unit shall ensure proper recycling and reuse of domestic waste water after adequate treatment.
- 21 That the entire domestic waste water generated in tune of 24 KLD shall be treated through existing sewage treatment plant having capacity of 500 KLD (150 KLD +350 KLD).
- 22 That the unit shall maintain condition of STP of capacity 500 KLD (150 KLD +350 KLD) to achieve the standards prescribed under EP Act 1986 and the unit shall dispose the sludge of STP in scientific manner.
- 23 That the unit shall provide disinfection system for STP treated water before its utilization in plantation/horticulture purpose.
- 24 That the unit shall dispose the sludge of STP in scientific manner.
- 25 That the unit shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.



Page 5 of 8



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- 26 That the unit shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the area.
- 27 That energy conservation measures like installation of CFLs/FLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.
- 28 That used CFL/FLs/LEDs should be properly collected and disposed off/sent for re-cycling as per prevailing rules/guidelines issued by regulatory authority. Use of solar panels also be done to the extent possible.
- 29 That the solid waste generated should be properly collected & segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off at approved sites for land filling after recovering recyclable materials.
- 30 That the unit shall comply with the provisions of Hazardous and Other Wastes(Management and Transboundary Movement) Rules, 2016; Solid Waste Management Rules, 2016; Plastic Waste Management Rules 2016; Construction And Demolition Waste Management Rules 2016; Bio-Medical Waste Management Rules, 2016 and E- Waste Management Rules, 2016.
- 31 That the unit shall ensure proper recycling and reuse of domestic waste water after adequate treatment.
- 32 That waste water shall always be conveyed/ carried through closed conduit pipe line and no other measure of carrying waste water such as tankers, flexible or temporary pipe line shall be used/practiced.
- 33 That water meters shall be installed at suitable locations at closed conduit pipe line to measure the quantity of effluent reaching to 500 KLD (150 KLD +350 KLD) STP for treatment.
- 34 That the surplus/excess/unutilized treated water shall be used for agriculture/plantation.
- 35 That unit shall utilize entire treated waste water for flushing/process/gardening/non-potable uses and other gainful purpose and zero discharge status shall be maintained outside the premises. No waste water shall be discharged on land/into sewer line/into natural nala/water body/drain
- 36 That the unit shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 37 That this consent is being issued on the basis of information /documents submitted by the industry. In case, it is found during post inspection that, the unit has flouted the conditions of consent or provided inadequate control measures & wrong information, the consent may be revoked and action may be initiated under the Provisions of Water Act & Air Act without any further notice.





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- 38 That the industry shall comply provisions 9(4) & 13(2) of Plastic Waste Management (PWM) Rules -2016 and as amended & shall submit application for registration in form-I to State Board.
- 39 That no Single use Plastic (SUP) items, which are banned vide Ministry of Environment, Forest and Climate Change (MoEF& CC), Government of India notification dated 12/08/2021 shall be used in the unit premises.
- 40 That this consent to establish shall be subject to compliance of any direction or order passed by Court of Law/NGT/CAQM in the matter.
- 41 That the unit shall obtain necessary permission from National Board for Wildlife Clearance (NBWL), if the project falls in ESZ of Notified protected Area and the activity is not covered under permitted activity. The consent is granted under the provisions of Water Act, 1974 and Air Act, 1981 and any other permission/consent w.r.t. Environment Protection Act, 1986 and Forest Conservation Act, 1980, if required, shall have to be obtained before implementation of the project.
- 42 That all the green building concepts/ norms shall be adopted in all possible ways which includes Green walls, solar energy etc., and compliance of this condition shall be submitted along with photograph during the time of CTO application.
- 43 That proper C&D mechanism shall be adopted, and compliance of this condition shall be submitted along with photograph during the time of CTO application.
- 44 That proper wash disposal system shall be developed, and compliance of this condition shall be submitted along with photograph during the time of CTO application.
- 45 That water harvesting system shall be developed for maximum storage and moisture improvement, and compliance of this condition shall be submitted along with photograph during the time of CTO application.
- 46 That proper ventilation measures for energy saving, less toxic materials for reducing indoor pollution and usage of certified wood shall be considered, and compliance of this condition shall be submitted along with photograph during the time of CTO application.
- 47 That proper waste segregation system to be developed.
- 48 That the unit shall take steps to enhance landscaping and green cover in all possible spaces and develop green belt in at least 33% of the total project area.
- 49 That, notwithstanding anything provided hereinabove, the State Board shall have the power and reserves its right, as contained under Section 27(2) of the Water Act and under Section 21(6) of the Air Act to review anyone or all of the conditions imposed here in above and to make such variation as it deems fit for the purpose of compliance of the Water Act and Air Act.





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50 That the grant of this **Consent to Establish** is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/unit/project proponent.

**51** That the grant of this **Consent to Establish** shall not, in any way, adversely affect or jeopardize the legal proceedings, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This **Consent to Establish** shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the **Water Act and Air Act** and to such other conditions as may, from time to time, be specified by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of **Consent to Establish** and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears approval of the competent authority.

Yours sincerely,

**Group Incharge[ HBC ]** 

#### (A): **Copy to:-**

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Jaipur (south) with request to ensure compliance of consent conditions.
- 2 Master File.

**Group Incharge[ HBC ]** 



# नगर निगम, जयपुर ग्रेटर

(राजस्थान नगरपालिका अधिनियम २००१ की धारा के अन्तर्गत)

## अनापत्ति प्रमाण पत्र

आवेदन नं.: LSG/JAIPUR GREATER/FIRENOC/2023-24/24339

जारी दिनांकः 01-DEC-2023

प्रेषित-

आवेदक का नाम श्री/श्रीमतीः NITU BHATNAGAR

आवेदक का पताः DEHMI KALAN, AJMER JAIPUR EXPRESSWAY, JAIPUR

विषय:- अग्निशमन अनापत्ति प्रमाण पत्र जारी करने बाबत

आपके भवन MANIPAL UNIVERSITY JAIPUR, NEW ACADEMIC BLOCK 3, DEHMI KALAN, DEHMI KALAN, , JAIPUR, RAJASTHAN का निरीक्षण किया गया निरीक्षण के दौरान अग्नि सुरक्षा उपकरण सही पाए गए अतः उपरोक्त सुरक्षा व्यवस्था के अनुसार निम्न शर्तों पर पांबंद करते हुए यह स्थाई (Permanent) अनापत्ति प्रमाण पत्र जारी किया जाता है।

#### शर्तेः-

- अनापत्ति प्रमाण पत्र जारी करने कि तिथि से एक वर्ष कि अविध हेतु ही मान्य होगा। एक वर्ष बाद अनापत्ति प्रमाण पत्र का नवीनीकरण किया जाना आवश्यक होगा, अन्यथा अनापत्ति स्वतः निरस्त मानी जावेगी।
- भवन के समस्त स्टाफ व सिक्योरिटी गार्डस को वर्ष में कम से कम दो बार अग्निशमन विभाग द्वारा प्रशिक्षण दिलाना आवश्यक होगा।
- 3. अग्निशमन उपकरण समयावधि में रीफिल कराना होगा।
- 4. निरीक्षण के दौरान आवश्यक दिशा निर्देशों का पालन करना आवश्यक होगा।
- 5. यदि राज्य सरकार या निगम द्वारा भविष्य में कोई नियम/उपनियम जारी किया जाता है तो प्रबंधक को मान्य होगा।
- 6. भवन का मुख्य अग्निशमन अधिकारी द्वारा कभी भी निरीक्षण किया जा सकेगा व फायर सिस्टम कार्यरत नहीं पाए जाने कि स्थिति में यह अभिशंषा पत्र निरस्त माना जाएगा।
- 7. पानी के टैंक हर समय भरे रखने होंगे व पम्प व पूरा फायर सिस्टम 24 घण्टे कार्यशील स्थिति में रखने को बाध्य होंगे।
- 8. फायर सिस्टम को चलाने हेतु 24 घंटे फायर प्रशिक्षित कर्मचारी रखने होंगे तथा ए एम सी करवायी जाकर सिस्टम का रख रखाव व संचालन करना अनिवार्य होगा।
- 9. फायर वाहन आसानी से आ जा सके इसके लिए पर्याप्त खुला स्थान अवरोध रहित रखना होगा।
- 10. भवन के अंदर किसी भी प्रकार का विस्फोटक पदार्थ व अति ज्वलनशील पदार्थ नही रखा जावे।
- 11. रोप लेंडर व दो रस्सा भवन के सभी टावर में टावर कि उंचाई जितना हर समय भवन में रखना होगा।
- 12. यह अग्नि सुरक्षा प्रमाणपत्र अग्नि सुरक्षा की दृष्टि से ही मान्य होगा।
- 13. भूमि व भवन संबंधित किसी भी प्रकार के विवाद हेतू यह पत्र बतौर साक्ष्य मान्य नही होगा एवं इस बाबत आवेदक स्वयं उतरदायी होगा।
- 14. यह अनापत्ति प्रमाण पत्र रुफटोप रेस्टोरेंट के लिए मान्य नहीं हैं। जिस भाग के लिए अनापत्ति प्रमाण पत्र जारी किया जा रहा हैं वहा पर रुफटोप रेस्टोरेंट का संचालन पूर्णतया प्रतिबंधित रहेगा।

अग्निशमन अधिकारी नगर निगम, जयपुर ग्रेटर

## State Level Environment Impact Assessment Authority, Rajasthan 4, Institutional Area, Jhalana Doongri, Jaipur-302004 Phone: 0141-2705633, 2711329 Ext. 361

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 8(a)B1/(194)/08-09

Jaipur, Dated: 27.11.2012

M/s Manipal Universal Learning P. Ltd.

Manipal Towers, 14-HAL Airport Road, Bangalore

Regarding change of name in Environmental Clearance dt. 29.12.2009 from "Manipal Education Project" to "Manipal University, Jaipur".

Ref:- Your request letter no. nil dated 6.11.12 and letter no. MUJ /REGI/Govt./2012/ Spl-1 dt. 16.11.12

With reference to the above subject & your request letters cited above, the matter was Sir, discussed in the 42<sup>nd</sup> meeting of SEIAA, and following amendments is made in the subject of environmental clearance issued vide this Authority's letter of even number dated 29.12.09:-

1. In the subject of the letter, the words "Manipal Education Project" shall be replaced by "Manipal University Jaipur".

Yours faithfully

(Sankatha Prasad) Member Secretary SEIAA Rajasthan

Copy to following for information and necessary action:

- 1. Secretary, Ministry of Environment and Forest, Govt, of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
- 2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
- 3. Smt. Alka Kala, Chairman, SEIAA, Rajasthan, 69-A Bajaj Nagar Enclave, Jaipur
- 4. Shri Moti Lal Daima, Member, SEIAA, Rajasthan, 48/9, Moti Path, Mansarovar, Jaipur.
- 5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan State Pollution Control Board, Jaipur.
- The CCF, Regional Officer, Ministry of Environment & Forests, RO (CZ), Kendriya Bhawan, 5th 6. Secretary, SEAC Rajasthan.
- IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New
- V9. Nodal Officer (Department Website), Department of Environment, Government of Rajasthan Jaipur with the request to upload the copy of this environmental clearance on the website.

M.S. SEIAA (Rajasthan)

For Academic Block -State Level Environment Impact Assessment Authority. Rajasthan 4, Institutional Area, Jhalana Doongri, Jaipur-302004 Phone: 0141-2705633, 2711329 Ext. B61 Jaipur, "lated: No: FI[4)/SELAA/SEAC-Raj/Sectt/Project/Cat 8(a)B1 (194) /08-09 M/s Manipal Universal Learning P. Ltd., Manipal Towers, 14-HAL Airport Road, Sub: EC for proposed Manipal Education Project village Dehmi Kalan, Teh. Sanganer, Jaipur by Mr. R.Shankar, V.P. (Project), Manipal Universal Learning P. Ltd., Manipal Towers, 14-HAL Airport Road, Bangalere. This has reference to your application No Nil dated 12-06-09 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the ElA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA EMP and additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meetings held on 18/19.11.09. 8(a) Educational Project Village-Dehmi Kalan, Tehsil-Sangarer, Distt.-laipur. 2, 69,801.80 M2. (66.67 Acres / 26.98 Ha) Total Plot area

Brief details of the Project:

To.

Sir.

Bangalore

Category: -

2. Item No (in the Schedule ::

Purpose 3.

Location 5.

Built Up Area 2, 31,242.75 M2. 6 14.48 %. 7. Utilized ground coverage:

Achieved FAR 68% 8.

Not Provided 9. Maximum Building Height 10. No. of Floors Not Provided.

40.000 M2 under surface parking. Parking provided for 670 Cars, 536 11. Total Parking Area Two Wheelers, 135 Cycles. Rs. 583 Crores - Development Cost, Rs. 50.1944 Crores - Land Cost Expected Cost: -

8 MVA during I-Phase through SBB Installation of 4 DG Seis 13. Power Requirement proposed (2x2000 KVA, 2x1000 KVA; Diesel Tonsumption 4) 5.4 Itr/hour).

-923 KLD. Source: Tube Wells. 14 Water Requirement & A letter dt. 08.10.2009 has been sent by the P.P. to the Central Ground Source Water Authority for permission to install the required 6 nds. of tube

1) 52018.50 M2 (approx. 23 %) is available under parks and green belt. Environmental

2) 40,000 Sq. M. is available for surface parking. Management Plan 3) Rain Water Harvesting

4) A STP of 1075 KLD capacity.

The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have ecommended for Environmental Clearance with certain stigulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC Rajasthan hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

and Settings Administration Desitiopis Prasad SETAL SEACYEC Files SETA ASETA EC from Sept UV doc

04 01

Mis. Pollulion (All) PART A: SPECIFIC CONDITIONS CONSTRUCTION PHASE 1. "Consent to Establish" shall be obtained from Rajasthan State Pollution Cortrol Board and a copy shall be submitted to the SEIAA, Rajasthan before start of any construction work at the site and submit the following documents to RPCB at the time of applying for CTE Identification of re-cycling plant with its process. ii. For conservation of electricity and to reduce energy losses the manageria t should ensure that the electrical voltage is stepped down from 33 KV to 11 KV and distributed withis level and finally brought to 440 volts. ii. Provision shall be made for the housing of construction labor within the ite with all inecessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile ST safe drinking water, medical health care, creche etc. The housing may be in the form of lempo, ry structures to be removed after the completion of the project. All required sanitary and hygienic measures shall be in place before starting cons suction activities. The safe disposal of waste water and solid waste generated during the contraction phase should be ensured. Adequate drinking water facilities shall be provided for construction workers at the site Provisions should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers. All the labourers engaged for construction should be screened for health and adequately treated before engaging them to work at the site. viil. For disinfection of waste water, appropr ate tertiary treatment may be given. ix. All the topsoil excavated during the construction should be stored for use is horticulture/lanc ape development within the project site. k. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general sufety and health aspects of the people, only in approved sites with the approval of competent authority Soi and ground water samples will be tested to ascertain that there is no thieat to the ground water quality by leaching of heavy metals and other toxic contaminants. xii. Construction spoils, including bituminous material and other nazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they do not leach into the ground water. The diesel generator sets to be used during the construction phase should be low-sulphur-diesel type and should conform to Environment (Protection) Rules for air and noise emission standards. xiv. Vehicles hired for bringing construction material and labourers to the site should be in good conditions and should conform to applicable air and noise emission standards and should be operated during non-peak/approved hours. Ambient noise levels should conform to residential standards both during day and night Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction xvi. Fly ash should be used as building material in the construction as pet the provisions of Fly Ash notification of September, 1999 and amended as on August, 2003 (The above condition is applicable only if the project is within 100 km of Thermal Power Station) Ready mixed concrete must be used in building construction. xviii. Storm water control and its re-use as per CGWA and BIS standards for various applications. Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents and other best practices. xx. Permission to draw ground water shall be obtained from the CGWA/CGWB prior to construction/operation of the project. xxi. Separation of grey and black water should be done by the use of cual plumping line for separation of grey and black water. Treatment of 100% grey water by decentralized treatment should be con xxiii. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators of pressure reducing devices or sensor based control. Use of glass may be reduced by up to 40% to reduce the electricity consumption and load in airconditioning. If necessary, use high quality double glass with special reflective coating windows. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement. C Docum mis and Serings Madministrato Deshiopis Prasatis ELAA-SEACYEC Files SELAA SELAA EC from Sept 09 d



Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits. Opaque walls should meet prescriptive requirement as per Energy Conservar on Building Code for all air-conditioned spaces, whereas, for non-air-conditioned spaces, by use of appropriate thermal insulation material to fulfill the requirement. XXVII. A first Aid Room will be provided in the project both during donstruction and operation of the project. Any hazardous waste generated during construction phase should be disposed off as per applicable XXIX. rules and norms with necessary authorization of the Rajasthan Pollution Control Board. The approval of the competent authority shall be obtained for structural shiet; of the building due to earthquake, adequacy of fire fighting equipments, etc as per National Bullding Coce 2005 including protection measures from lightening etc. Regular supervision of the above and other measures for monitoring should be in place through out the construction phase, so as to avoid nu sance to the surroundings. Approved plan from competent Authority and position with reference to Master P.an. XXXX Copy of guidelines issued by concerned ministry for water scarge area is grovined. Ground water table to be shown along with source. Besides, permission of competent authority is XXXIV. obtained for withdraw al of ground water. Regalculate MSW quantity and revise disposal proposal. Composting of biodegradable waste shall be carried out with in the campus. XXXX Provision of solar water heating /chilling etc shall be explored. XXXVI Review and revise the requirement of DG set capacities for 100% power back up through to optimization of power back up in case of power failure and emergency. OPERATION PHASE An independent expert shall certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation. Discharge of treated sewage shall conform to the norms & standards of the Rajasthan State Pollution Control Board. For conservation of electricity and to reduce energy losses the management should ensure that the electrical voltage is stepped down from 33 KV to 1.1 KV and distributed at this level and finally brought to 440 volts. Rain Water harvesting (RWH) for roof run-off and surface run-off, as plan submitted shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The RWH plan should as per GOI mar ual The solid waste generated should be properly collected & segregated before disposal to the City Municipal Facility. The in-vessel bio-conversion technique may be used for composting the organic waste. Any hazardous waste including biomedical waste should be disposed of as per applicable Rules & norms with necessary approvals of the Rajasthan State Pollution Control Board. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open space inside the plot should be suitably landscaped and dovered with vigetation of indigenous variety. The D. G. sets to be operated with stack height as per RPGB norms. vii. Incremental poliution loads on the ambient air quality noise and vater quality shall be periodically monitored after commissioning of the project ix. Application of solar energy should be incorporated to illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the apartments should be provided.

Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internal zed and he public space should be utilized.

A Report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc. Quantify energy saying measures.

xii. Proper system c: channelizing excess storm water shall be provided

xiii. The power factor should be maintained near unity.

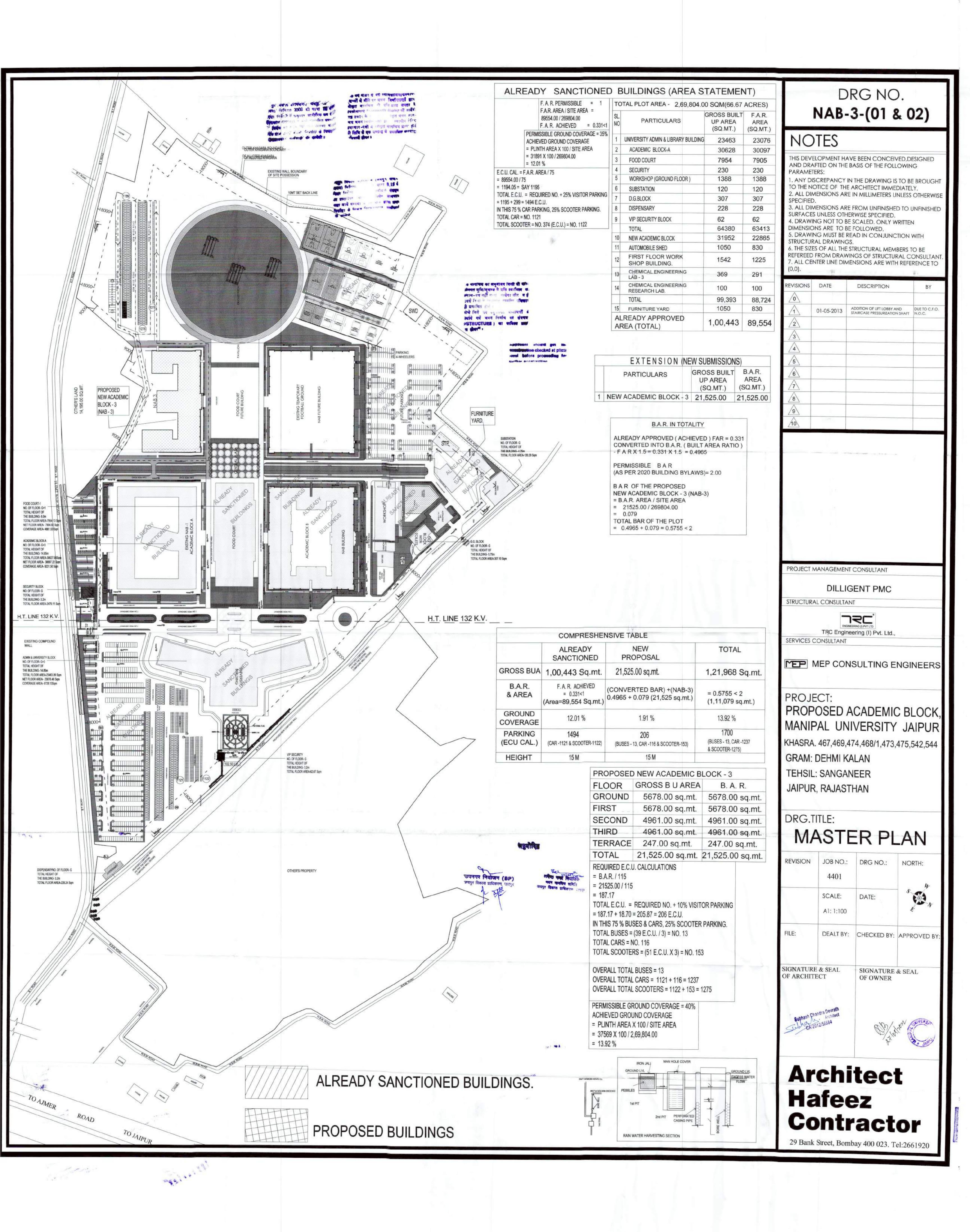
Trees and shrubs of local species should be planted to allow habitat for birds with appropriate distance from the boundary.

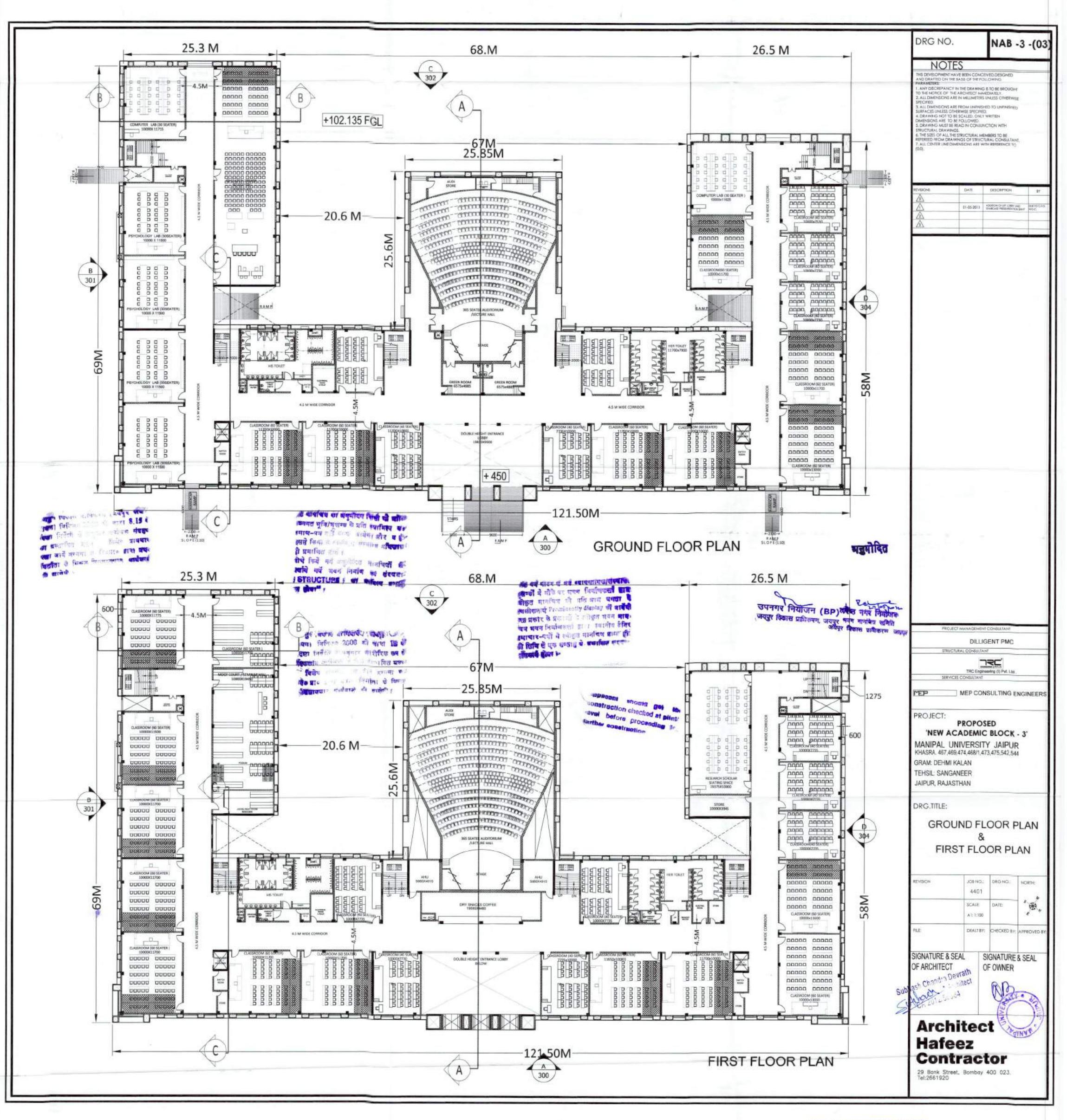
No puzzle parking shall be allowed.

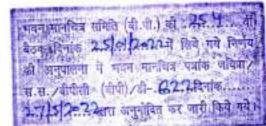
Re-cycled water to match standards for cooling water system. xvi.

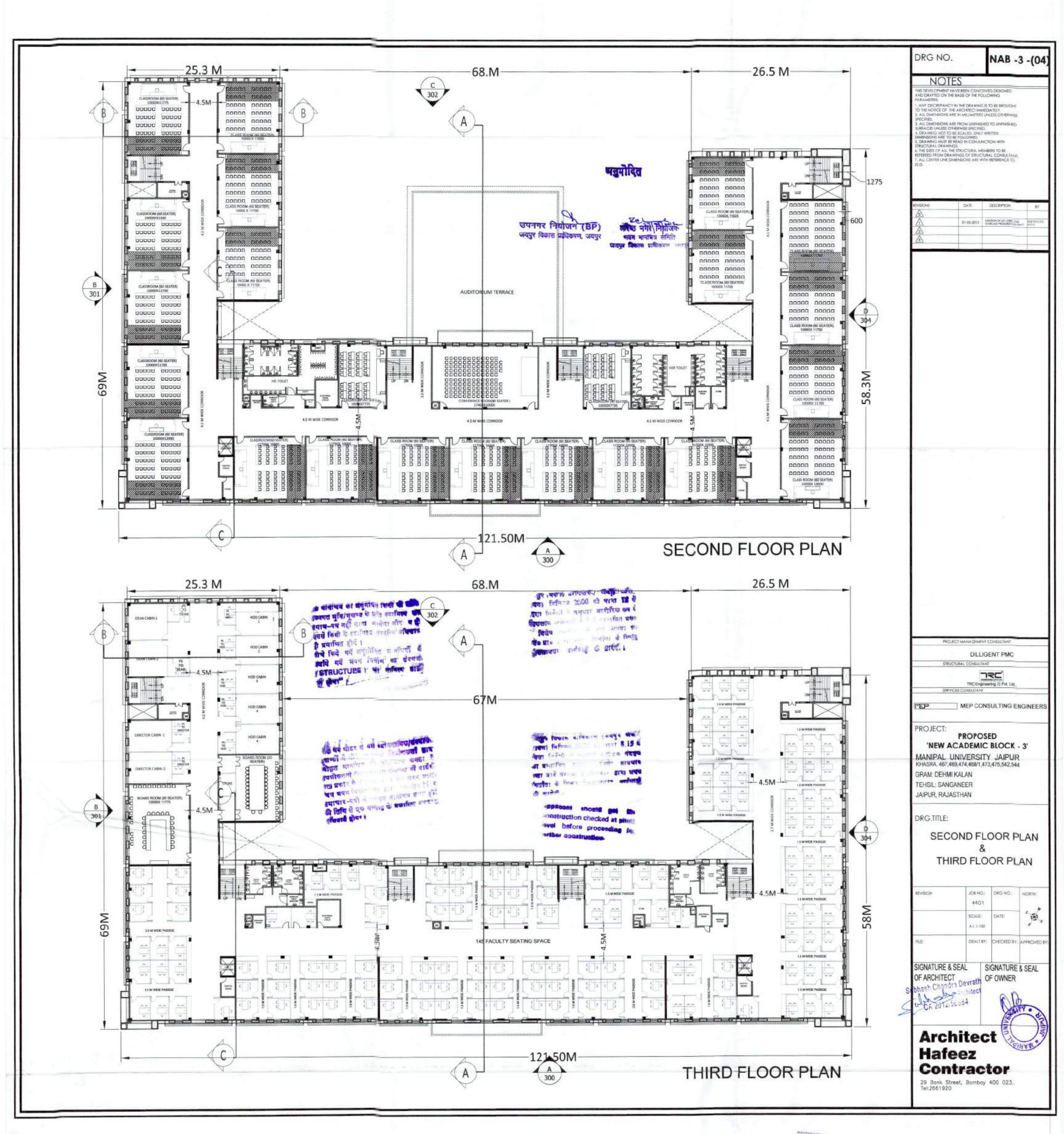
A dequate measures should be taken to prevent odor from solid waste precessing and STP.

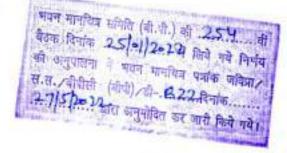
nutraior Destrop'S. Presad SEI. A. SEACYEC File SEIA A SEIA A EC from Sept 09. dog













Project Name:

Project Address:

\*\*DWLR - Digital Water Level Recorder

भारत सरकार जल शक्ति मंत्रालय जल संसाधन, नदी विकास और गंगा संरक्षण विभाग केन्द्रीय भूमि जल प्राधिकरण Government of India Ministry of Jal Shakti Department of Water Resources, River Development & Ganga Rejuvenation Central Ground Water Authority

# (भूजल निकासी हेतु अनापत्ति प्रमाण पत्र) NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Academic Block Manipal University Jaipur

Khasra No 416, 417, 452, 453, 461 And 462, Village Dehmi Kalan, Tehsil

Sanganer Jaipur Ajmer Expressway																	
To	own:				Bagru	Bagru					ck:	: Sanganer					
District:					Jaipu	Jaipur			Stat	e:	e: Rajasthan						
Pi	in Code:											23					
Communication Address:						M/s Manipal University Jaipur, Village Dehmi Kalan, Near Jaipur - Ajmer Road, Sanganer, Jaipur, Rajasthan - 303007											
A	ddress of C	GWB Re	gional	Office :		al Grou than -		/ater Boa 04	ard We	estern	Regio	on, 6-	a, Jhal	ana D	oon	gri, Jaip	ur,
1.	NOC No.:		CGW	VA/NOC	:/INF/RI	EN/1/2	024/9	102	2	. Da	te of I	ssue	ence	14/02/	/202	24	
3.	Application	n No.:	21-4/	/3271/R	J/INF/2	017		$\overline{\Delta}$	4		tegory NRE 2			Over I	Expl	oited	
5.	Project Sta	atus:	Exist	ing Gro	und Wa	ater	-		6	. NC	С Тур	oe:		Renev	val		
7.	Valid fron	n:	09/0	5/2023			6	1	8	. Val	Valid up to: 08/05/2025						
9.	Ground W	ater Abs	tractior	n Permi	tted:	- (	1/										
	Fresh	Water			Saline	ine Water Dewatering						Total					
	m³/day	m³/y	ear	m³.	/day	m <sup>s</sup>	³/year		m³/day	,	m³/year			m³/day m³/year			
	100.00	30000	0.00		1	2											
10.	Details of	ground w	ater al	bstracti	on /Dew	/atering	g strud	ctures									
			Tot	al Exis	ting No	.:5					Total Proposed No.:0						
			- 5	DW	DCB	BW	TW	MP	MPı	ı D\	W [	DCB	BW	' T'	W	MP	MPu
	Abstraction			0	0	5	0	0	0	C		0	0	(	)	0	0
	V- Dug Well; D	- //							ne Pit;M	Pu-Min	e Pump	s					
11. Ground Water Abstraction/Restoration Charges paid (Rs.):						284409.00											
12. Environment Compensation (if applicable) paid (Rs.):						:			700274.00								
13. Number of Piezometers(Observation wells) to constructed/ monitored & Monitoring mechanis							No. of F	Piezom	eters	ers Monitoring Mechanism							
											Mar	nual	DWLR	** D\	NLF	R With T	elemetr

## (Compliance Conditions given overleaf)

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This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

#### Validity of this NOC shall be subject to compliance of the following conditions:

#### Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act. 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable

#### **General conditions:**

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCE list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting
- In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

  31) In the self-compliance report, the PP shall submit details of Drilling Agency/ Agencies, which has/ have constructed BW(s)/ TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Hon'ble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned/ failed BW(s)/ TW(s)/Piezometer(s), if any. The PP is advised to engage registered drilling agency/ agencies. In the event of any mishap/ unfortunate incident due to negligence in taking measures for prevention of accident due to falling in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Government rules shall be taken.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

## CENTRAL GROUND WATER AUTHORITY

Department of Water Resources, River Development and Ganga Rejuvenation Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011 Phone: (011) 23383561 Fax: 23382051, 23386743 Website: cgwa-noc.gov.in

> पानी बचाये – जीवन बचाये SAVE WATER - SAVE LIFE

	Manipal University Jaipur - Academic Block 3
	Project Name – Manipal University Jaipur - Academic Block 3
	Project Code – 22GR0118
	Address: - Jaipur, Rajasthan
	Site area: - 14,809 m² (As per online panel)
GRIHA	Total built-up – 21,525 m² (As per online panel)
	No. of buildings – 1 Building (Institutional)
	Compiled by GRIHA Council

General
<b>Comments:</b>

Criterion	Appraisal	Feedback Comments
	Air and Soil Pollution Control	
Criterion 4	<ul> <li>Partly Mandatory –</li> <li>4.2.1 Adopt at least six measures to minimize air and soil pollution during construction, with the first three strategies being mandatory.</li> <li>Provide 3m high continuous barricading along the site boundary/virtual boundary.</li> <li>Provide wheel washing facility/gravel bed at all vehicular entrances and exits of the site.</li> <li>Ensure DG sets have an exhaust with stack height of at least 2m from the top of the generator with a cowl.</li> <li>Ensure DGs are in compliance with CPCB norms.</li> </ul>	<ul> <li>4.2.1 Submittal has been provided consisting of the following documents-</li> <li>Narrative, site visit reports, and compliance report have been submitted stating that the following strategies were adopted in the project to minimize air and soil pollution during construction: <ul> <li>Provision of 3 m high continuous barricading is provided along the site boundary.</li> <li>Wheel washing facility is provided at the vehicular entry and exit of the site.</li> <li>DG sets were not used on site. The demand is being met through campus level facility. Hence this measure is not applicable for the project.</li> </ul> </li> </ul>

- Implement a spill prevention plan for storage of diesel, admixtures, curing compounds, bitumen, and other hazardous materials.
- Ensure that fine aggregate, excavated earth, and other construction materials with a tendency to get airborne are covered or are sprinkled regularly with non-potable water.
- Ensure sprinkling of water on unpaved pathways on the site with non-potable water.
- Limit the speed of vehicular movement on-site to 10km/hr.
- Ensure that vehicles carrying waste materials out of the site are covered

- Hazardous materials were stored in an enclosed space on an impervious surface.
- Fine aggregate, excavated earth, and other construction materials with a tendency to get airborne were covered.
- Speed limit on site has been restricted to 10km/hr. Signages for the same were displayed onsite.
- Vehicles carrying waste materials out of the site were covered.
- Photographs of the measures implemented onsite have been submitted.
- Site management plan has been submitted in Criteria 6. However, location of wheel washing facility, Diesel storage and storage of fine aggregate, excavated earth, and other construction materials were not highlighted in the same.

## **Required:**

• Submit site management plan (during construction stage) highlighting location of DG, wheel washing facility, Diesel storage, soil erosion channels, sedimentation tank, storage of fine aggregate, excavated earth, and other construction materials.

# **4.2.2** Ensure that the soil erosion channels are constructed, and they are connected to a sedimentation tank in order to reduce movement of soil outside the site throughout the construction phase of the project.

# 4.2.2 Submittal has been provided consisting of the following documents-

- As per the site visit reports, and compliance report, soil erosion channels and sedimentation tanks were provided on site. Photographs of the soil erosion channels & sedimentation tank have been submitted in due diligence I & II compliance documents.

Site management plan highlighting location of soil erosion channels and sedimentation tanks provided on site has been submitted.

## The documentation is complete.

## Criterion 5

## **Topsoil Preservation**

5.1.1 Ensure that topsoil from disturbed areas on the site is	5.1.1 Submittal has been provid
5.1.1 Ensure that topsoil from disturbed areas on the site is preserved, stabilized, and its fertility is maintained throughout the construction period. Additionally, ensure that 100% of the soil requirement for landscaping including roof garden(s) is met through this preserved soil.	documents Narrative has been submitted sta

# ded consisting of the following

- ating the topsoil from the disturbed % of the soil requirement for project served soil.
- e been submitted.
- d in the online panel indicating the
  - 35.6 m<sup>3</sup>.
  - landscaping 572.6 m3.
  - oil was excavated 5,678 m². However, lighted in the site management plan.
  - ed in landscape 198.32 %.
- project from state level soil testing
- nting location of topsoil preservation location of topsoil excavation area has

t plan in .dwg format highlighting n/disturbed area for the project.

#### **Construction Management Practices** Criterion 6

**6.1.1** Adopt construction management practices (e.g., stacking and storage of construction materials at different stages of construction) and ensure safe disposal of waste generated during construction.

## 6.1.1 Submittal has been provided consisting of the following documents-

- Narrative has been submitted stating that construction management practices such as stacking and storage of construction materials at different stages of construction were adopted on site and all the construction waste is safely disposed of through agreements with waste haulers and recyclers.
- As per the site visit reports compiled by GRIHA officials, staging was adopted on site.

**6.1.2** Adopt at least two strategies from the list, as given below, to minimize water consumption during construction, with the first strategy being mandatory.

## Mandatory -

- Use gunny bags, ponding technique, or curing compound.
- Meter and monitor the consumption of water during construction.
- o Use water-reducing admixtures in concrete mix.
- Use treated wastewater and/or captured storm water

- Photographs of construction management practices adopted on-site have been submitted.
- Site management plan has been submitted highlighting the locations of different material & waste storage.
- Log sheets of total quantities of waste generated on site as steel, wood, packaging materials, cement bags etc. have not been submitted.
- Challans/Sell invoices reflecting full quantities of waste such as MS scrap, wood, packaging materials, cement bags etc. sold to recyclers have not been submitted.

## **Required:**

- Submit detailed narrative about quantum of waste generated during construction, storage facilities for inert and hazardous wastes and measures employed for its safe disposal/recycling.
- Submit Log sheets of total quantities of waste generated on site as steel, wood, packaging materials, cement bags etc.
- Submit challans reflecting full quantities of waste such as steel, wood, packaging materials, cement bags etc. sold to recyclers.

# 6.1.2 Submittal has been provided consisting of the following documents-

- As per the site visit reports compiled by GRIHA officials, the following measures were adopted in the project:
  - Use of gunny bags and ponding technique for curing of columns and slabs, respectively. Photographs of the same has been submitted.
  - Use of water reducing admixtures (SAINT GOBAIN CHRYSO Delta G6541C-ADS) in concrete. Batch mix report of M25, M30 & M40 concrete grades were shared during the visit indicating the use of admixture was submitted. However, purchase order and technical specification sheet of the admixture was not submitted which confirms water reducing properties. Further, design mix reports for M25, M30 & M40 concrete grades have not been submitted.

Criterion 23	Safety and Sanitation for Construction Workers	<ul> <li>Required:</li> <li>Submit purchase order and technical specification sheet of SAINT GOBAIN CHRYSO Delta G6541C-ADS confirming it's water reducing properties.</li> <li>Submit design mix reports for M25, M30 &amp; m40 concrete grades highlighting the make and name of admixtures used in the concrete grades.</li> </ul>
Criterion 23	Salety and Sanitation for Construction workers	23.1.1 Submittal has been provided consisting of the following documents-
	Mandatory – 23.1.1 Ensure compliance with the requirements of NBC 2016 for all the following:  Part 1: Provision of necessary safety equipment and safety measures for construction workers.  Part 2: Provision of clean drinking water, hygienic working and living conditions, and sanitation facilities for the workers.  Part 3: Provision of crèche facility for children of construction workers in case their families are allowed to work/live at the construction site.  Applicability check: If there are only male workers employed and residing on site, the project is exempt from Appraisal 23.1.1 - Part	<ul> <li>Narrative, drinking water test report and date stamped photographs have been submitted indicating the following: <ul> <li>Construction workers were wearing hard-hats and safety boots.</li> <li>Temporary railings were provided on the staircases.</li> <li>Safety nets were provided in accident-prone areas as well as adjacent to the scaffolding.</li> <li>Safety equipment such as gloves and safety harnesses were provided to workers depending on the nature of their work.</li> <li>Safety signage in local languages were displayed at multiple locations on site.</li> <li>First aid facility was provided on site.</li> <li>Drinking water facility was provided on site and in the labour accommodation area. Drinking water test report was submitted by the project team along with the compliance report.</li> <li>Clean and hygienic toilets were provided for the construction workers on site and in the labour accommodation area.</li> </ul> </li> </ul>

• Clean and hygienic labour accommodation was provided for the construction workers. The hutments were made of GI sheets and

sharp edges of the same were secured.

23.1.2 Adopt one alternative out of the following for the construction workers on-site.  Alternative 1: Provide a grocery store/canteen within the site premises and/or labour accommodation.  Alternative 2: Organize at least two events during the entire construction phase to create environmental awareness among		<ul> <li>The hutments had provision for daylight and ventilation. General cleanliness was maintained in the area surrounding the labour accommodation.</li> <li>Dustbins were provided in the labour accommodation area.</li> <li>Creche facility was provided near the labour accommodation.</li> <li>Site visit reports confirm the same.</li> </ul> The documentation is complete.
the construction workers.  The documentation is complete.	construction workers on-site.  Alternative 1: Provide a grocery store/canteen within the site premises and/or labour accommodation.  Alternative 2: Organize at least two events during the entire construction phase to create environmental awareness among	- As per the due diligence II site visit, two environmental awareness programs were conducted for the construction workers during the construction phase. The photographs have been submitted highlighting awareness programs have been conducted among the construction workers.

	Positive Social Impact	
Criterion 26	Mandatory –  26.1.4 Ensure that tobacco smoking is prohibited on-site during the entire construction phase.	26.1.4 Submittal has been provided consisting of the following documents Photographs have been submitted indicating that tobacco is prohibited on site and 'no smoking' signages were displayed in multiple locations. Site visit report compiled by GRIHA Council officials and the compliance report submitted by the project team confirms the same. A non-smoking policy document highlighting prohibition of tobacco smoking within the site premises during the construction phase has been submitted.
		The documentation is complete.