

प्रारूप-घ (संलग्नक-3)

औपबन्धिक (प्रोविजनल) अनापत्ति प्रमाणपत्र

यूआईडी संख्या: UPFS/2022/55699/GBN/GAUTAM BUDDH NAGAR/16237/DD

दिनांक: 01-07-2022

प्रमाणित किया जाता है कि मैसर्स ARHAM ESCON PVT LTD (भवन/प्रतिष्ठान का नाम) पता PLOT NO-GH-02A-1, SECTOR-01, GREATER NOIDA

तहसील - DADRI प्लॉट एरिया 10627.23 sq.mt (वर्गमीटर), कुल कवर्ड एरिया - (वर्गमीटर), ब्लॉकों की संख्या 3 जिसमें

ब्लॉक/टावर	प्रत्येक ब्लॉक में तलों की संख्या	बेसमेन्ट की संख्या	ऊँचाई
A1	27	2	90.60 mt.
A2 A3	27	2	90.60 mt.
COMUNITY COMMERCIAL	3	2	11.40 mt.

है। भवन का अधिभोग मैसर्स ARHAM ESCON PVT LTD द्वारा किया जायेगा। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थाओं का प्राविधान एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार किया गया है। इस भवन को औपबन्धिक अनापत्ति प्रमाणपत्र, एन0बी0सी0 की अधिभोग श्रेणी Residential के अन्तर्गत इस शर्त के साथ निर्गत किया जा रहा है कि प्रस्तावित भवन में अधिभोग श्रेणी के अनुसार सभी अग्निशमन व्यवस्थाओं के मानकों का अनुपालन पूर्ण रूप से किया जायेगा तथा भवन के निर्माण के पश्चात भवन के अधिभोग से पूर्व अग्नि सुरक्षा प्रमाण पत्र प्राप्त किया जायेगा। ऐसा न करने पर निर्गत प्रोविजनल अनापत्ति प्रमाणपत्र स्वतः ही निरस्त मान लिया जायेगा, जिसके लिए मैसर्स ARHAM ESCON PVT LTD अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होंगे।

Note : In view of the recommendation reports of cfo and fso. The NOC is being issued

"यह प्रमाण-पत्र आपके द्वारा प्रस्तुत अभिलेखों, सूचनाओं के आधार पर निर्गत किया जा रहा है। इनके असत्य पाए जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा। यह प्रमाण-पत्र भूमि / भवन के स्वामित्व / अधिभोग को प्रमाणित नहीं करता है।"

निर्गत किये जाने का दिनांक : 11-07-2022
स्थान : MEERUT

हस्ताक्षर (निर्गमन अधिकारी)

(उप निदेशक)



Digitally Signed By
(AMAN SHARMA)

[6F3173ACF1282848601D36130C6B4188B05EE040]

11-07-2022



UTTAR PRADESH POLLUTION CONTROL BOARD

Validity Period :21/04/2020 To 20/04/2025

Ref No. - 57128/UPPCB/GreaterNoida(UPPCBRO)/CTE/GREATER NOIDA/2019 Dated:- 26/04/2020

To ,

Shri KAUSHAL JAIN

M/s ARHAM ESCON Pvt Ltd

PROPOSED GROUP HOUSING PROJECT AT PLOT NO-GH-02A/1, SECTOR-1, GREATER NOIDA, UP-201306,GAUTAM BUDH NAGAR,201306
GREATER NOIDA

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 5169516 dated - 01/05/2019. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
construction material	Metric Tonnes/Day	

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Group Housing Project (Built Up area 70693.79 sqm)	70693.79

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Other	The STP treated water will be used in the Construction of the Project	100.0
Municipal Supply	GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY	209.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	195.0
Cooling	7.0
Others(Plantation)	2.0
aaa	5.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Others	0.24	FOR DG SETS

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 20/04/2025 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:

1. This consent to establish is valid for the Group Housing project in Plot Area-10627.239sq.mt. & Built-up Area-70693.79sq.mt. The Project shall be constructed as per approved map from the competent authority. In case of any change in capacity, the project will have to intimate the Board. For any enhancement of the above, fresh Consent to Establish has to be obtained from U.P. State Pollution Control Board. This consent to establish order will be subject to the compliance of order passed in O.A. no. 1038/2018 News item published in "The Asian Age" Authored by Sanjay Kaw Titled "CPCB to rank industrial units on pollution levels" and the more stringent norms for emission from D.G set and for effluent shall be applicable to the industry developed by CPCB and or SPCB in future.
2. The site of the project exists in the notified area where construction of new well for abstraction of groundwater is banned under the provisions of section 12 of Uttar Pradesh Groundwater (Management and Regulation) Act 2019. Therefore construction of new well for abstraction of groundwater shall not be done and the water shall be obtained from legally permissible sources only during the construction phase and after construction also. If the project fails to comply with this condition then this consent shall automatically stand revoked.
3. The Project shall comply the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended. The Project shall comply the provisions of Construction & Demolition Rules 2016 & MSW Rules 2016.
4. The unit shall comply with the various provisions of notification no G.S.R 94(E) dated 25-01-2018 issued by the Ministry of Environment, Forest and Climate Change and the conditions imposed in the Environmental Clearance issued by the competent authority vide letter no. 644/Parya/SEAC/4381/2018,dated 23/01/2019
5. The unit shall ensure the installation and maintenance of the Sewage Treatment Plant (STP) for the treatment of the domestic effluent as per the project report submitted to ensure the compliance of Environment standards as per Environment (protection) Act 1986. Project shall install Sewage Treatment Plant of capacity 200 KLD & treated water shall be used in gardening /flushing. The Unit will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB server.The unit will follow the CPCB Guidelines for Utilization of Treated Effluent in Irrigation available in the CPCB web portal.
6. At the project site a display board size 4x6 feet shall be installed to display the provisions of Construction and Demolition Rules 2016.
7. The Project shall develop proper green belt and rain water harvesting system as per Authority guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and manuring arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.
8. The Project shall comply the provisions of notification dt. 07-10-2016 of Ministry of Water Resources, River Development and Ganga Conservation GOI.
9. The Project shall abide by directions given by Hon'ble Supreme Court, High Court, National Green Tribunals, Central Pollution Control Board and Uttar Pradesh Pollution Control Board for protection and safeguard of environment from time to time.
10. The Project shall install shall install D.G Set of the capacity 2x600 KVA along with the minimum stack and APCS as specified in E.P Rules 1986 with adequate acoustic enclosures on each DG sets. The low sulfur diesel will be used as fuel in the D.G set. Under the Noise Pollution (Regulation and Control) Rule 2000, the project shall take adequate measures for control of noise from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(A) during day time and 70 dB(A). Project shall use clean fuel as far as possible.
11. The Project shall not establish Hot Mix/Ready Mix/Wet Mix Plant without prior permission of Board. All construction activities shall be according to authority guidelines.
12. The Project shall not start gaseous emission & sewage generation without prior consent of the Board.
13. The project shall ensure the time bound compliance of stringent norms as published by the UPPCB vide office memorandum no.H48273/C-1/NGT-83/2020, dt. 27-02-2020 (available at URL uppcb.com/pdf/uppcb_28022020.pdf) in compliance of The Hon'ble NGT order dt. 14.11.2019 in O.A.No.1038/2018.
14. The dust emission from the construction sites will be completely controlled and all precautions including Anti-smog guns as per order of Hon'ble Supreme Court dated 13-012020 will be installed in the site at suitable places.
15. The Project shall dispose the Hazardous Waste through authorized recyclers/ TSDF.
16. The Project shall not use ground water in construction activities. Only STP treated water shall be used.

17. The Unit will put tarpaulin scaffolding around the area of construction and the building for effective and efficient control of dust emission generated during construction of the project.
18. Storage of any construction material particularly sand will not be done on any part of street and roads in the projects area. The construction material of any kind stored on site will be fully covered in all respect so that it does not disperse in the air in any form. The dust emission from the construction sites will be completely controlled and all precautions will be taken in that behalf.
19. All the construction material & debris will be carried in trucks or vehicles which are fully covered and protected so as to ensure that the construction debris or construction material does not get dispersed into the air or atmosphere in any form whatsoever.
20. The vehicles carrying construction debris or construction material of any kind will be cleaned before it is permitted to ply on the road after unloading of such material.
21. Every worker working on the construction site and involved in loading, unloading and carriage of construction debris or construction material shall be provided with mask to prevent inhalation of dust particle.
22. All medical aid, investigation and treatment will be provided to the workers involved in the construction of building and carrying of construction of building and carrying of construction debris or construction material related to dust emission.
23. The transportation of construction material and debris waste to construction site, dumping site or any other place will be carried out in accordance with rules.
24. Fixing of sprinklers and creation of green air barriers will be done to control fugitive dust emission and improve environment.
25. Compulsory use of wet jet in grinding and stone cutting will be practiced.
26. Wind breaking wall will be constructed around the construction site.
27. All approach roads & in campus roads should be sprinkled with water to suppress the dust emission.
28. In case of violation of above mentioned conditions or any public complaint the consent to establish shall be withdrawn in accordance with law.
29. The project shall submit first compliance report with respect to conditions imposed within 30 days of issue of this permission.
30. A Bank Guarantee of Rs. 10,00,000/- (Rs Ten lacs only) shall be submitted within 30 days including the above condition nos.1,2,4,5,7,10,11,13,14,16,17 and 18 which will be valid for two year otherwise this consent to establish shall be deemed to be withdrawn

Please note that consent to Establish will be revoked, in case of, non compliance of any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 26/05/2020 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

Ashok
Kumar
Tiwari

Digitally signed by
Ashok Kumar Tiwari
Date: 2020.04.26
07:40:02 +05'30'

C.E.O
C-1

Dated:- 26/04/2020

Copy To -

Regional Office, U.P. Pollution Control Board, Greater Noida

Ashok
Kumar
Tiwari

Digitally signed by
Ashok Kumar
Tiwari
Date: 2020.04.26
07:40:43 +05'30'

C.E.O
C-1

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Kaushal Jain,
Director,
M/s Arham Escon Pvt. Ltd,
Office no- 601, 6th floor, Sachdeva Tower,
Plot no- 17, Community Center,
Karkardooma, Delhi- 110092

Ref. No. 644 /Parya/SEAC/4381/2018

Date: 23 January, 2019

Sub: Environmental Clearance for Group Housing Project at Plot No.- GH- 02A/1, Sector- 01, Greater Noida, District- Gautam Budha Nagar, U.P., M/s Arham Escon Pvt. Ltd, Regarding.

Dear Sir,

Please refer to your application/letters 09/07/2018, 17/07/2018, 05/10/2018 addressed to the Chairman/Secretary, State Level Environment Impact Assessment Authority (SEIAA) and Director, Directorate of Environment Govt. of UP on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 05/10/2018 and SEIAA in its meeting dated 10/12/2018.

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Group Housing Project at Plot No.- GH- 02A/1, Sector- 01, Greater Noida, District-Gautam Budha Nagar, U.P., M/s Arham Escon Pvt. Ltd.
- 2- The building comprises 7 (5 Residential Towers + 1 Community + 1 Commercial) number of building blocks. Total Plot Area is 10627.239 m², whereas Built up area is 70693.79 m². Total proposed dwelling units are 484.
- 3- Salient feature of the project as submitted by the project proponent.

S.N.	Description	Quantity	Unit
GENERAL			
1	Plot Area	10627.239	SQMT
4	Proposed Built Up Area	70693.79	SQMT
5	Number of Building Blocks	7 (5+1+1)	No.
6	Total no of Saleable DU's	484	No.
9	Max Height of Building (Upto Terrace)	80.7	M
10	Max No of Floors	28+ST/PO+25	No.
11	Expected Population (2718 Residential+491 Floating)	2669	No.
12	Cost of Project	145	CR
AREAS			
12	Permissible Ground Coverage Area (35%)	3719.53	SQMT
13	Proposed Ground Coverage Area (22.19%)	2359.09	SQMT
14	Total Permissible FAR Area 350+5% for Green Rating	39055.07	SQMT
15	Proposed FAR Area	39023.385	SQMT
16	Non FAR areas - Total Basement Area	15388.1	SQMT
17	Non FAR areas - Stilt Area & Podium Areas	4562.651	SQMT
18	Non FAR areas - Ancillary Arreas	5568.174	SQMT
19	Non FAR areas - Balconies etc.	6151.48	SQMT
20	Proposed Total Built Up Area	70693.79	SQMT
WATER			
21	Total Water Requirement	209	KLD
22	Fresh water requirement	150.62	KLD
23	Treated Water Requirement	57.49	KLD
24	Waste water Generation	165.74	KLD



25	Proposed Capacity of STP	200	KLD
26	Treated Water Available for Reuse	132.59	KLD
27	Treated Water Recycled	57.49	KLD
28	Surplus treated water to be discharged in Municipal Sewer with prior permission	75.10	KLD
RAIN WATER HARVESTING			
29	Rain Water Harvesting Potential	1845.51	KL
30	No of RWH of Pits Proposed	5	No.
PARKING			
31	Total Parking Required as / Building Bye Laws	489.0	ECS
32	Proposed Total Parking	626	ECS
33	Parking on Surface	35	ECS
34	Stilt Parking & Podium Parking	146	ECS
35	Parking in Basements (All levels)	445	ECS
GREEN AREA			
36	Required Green Area (15.15% of plot area)	1726.93	SQMT
37	Proposed Green Area (16.7% of plot area)	1775	SQMT
WASTE			
38	Total Solid Waste Generation	1.16	TPD
39	Organic waste	0.71	TPD
40	Quantity of E-Waste Generation- Kg/Day	5.97	KG/DAY
41	Quantity of Hazardous waste Generation	1.60	LPD
42	Quantity of Sludge Generated from STP	112	KG/DAY
ENERGY			
43	Total Power Requirement	1895	KW
44	DG set backup	1200	KVA
45	No of DG Sets	2	No.

4- Population details:

RESIDENTIAL	DU'S	POP/DU	TOTAL POPULATION
SALEABLE DU'S	484	4.5	2178
TOTAL			2178
NON RESIDENTIAL			
COMMUNITY HALL/COMMERCIAL (Employees etc.)	Area		
COMMERCIAL (SHOPPING)	371.77		37
COMMUNITY HALL	770.35		15
FACILITY MANAGEMENT STAFF	LS		40
TOTAL			93
VISITORS			
RESIDENTIAL			218
COMMERCIAL, CLUB			180
TOTAL VISITORS			398
TOTAL POPULATION			2669

5- Water requirement details:

Sl. No.	Description	Occupancy / Capacity / Area	Rate (LPCD)	Total Water Demand (KLD)
A.	Residents			
	Domestic	2178	65	141.57
	Flushing	2178	21	45.74
B.	Non-residential / Working			
	Domestic	93	18	1.67
	Flushing	93	12	1.11
C.	Visitors			
	Domestic	398	6	2.39
	Flushing	398	6	2.39

Project Secretary

D.	Gardening	1775	1	1.78
E.	Water Body / Swimming Pool			5
F.	D.G. Cooling	1200	0.9	6.48
Total Water Requirement				209

6- Waste water details:

Head	Quantity, KLD
Total Water Requirement	209
Fresh Water Requirement	151
Treated Water Requirement	58
Water for Flushing	49
Gardening	2
DG Cooling	7
Waste Water Generation (80% of total domestic fresh water demand + 100% of Flushing Water)	166
Capacity of STP	200
Treated water discharge to public sewer	75

7- Parking details:

Total Parking Required as / Building Bye Laws	489	ECS
Proposed Total Parking	626	ECS
Proposed Parking on Surface	35	ECS
Proposed Stilt & Podium Parking	146	ECS
Proposed parking in basements (All levels)	445	ECS

8- Waste generation details:

Total Waste Generation	1.16	TPD
Organic Waste Generation	0.71	TPD
Sludge Generation	112	KG/Day
Hazardous Waste Generation (DG Waste Oil)	1.60	Lts/ Day
Quantity of E-Waste Generation- Kg/Day	5.97	KG/Day

9- The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 05/10/2018 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held on 10/12/2018 decided to grant the Environmental Clearance for proposed project along with subject to the effective implementation of the following general & specific conditions:-

General Conditions:

1. It shall be ensured that all standards related to ambient environmental quality and the emission/effluent standards as prescribed by the MoEF are strictly complied with.
2. It shall be ensured that obtain the no objection certificate from the U P pollution control board before start of construction.
3. It shall be ensured that no construction work or preparation of land by the project management except for securing the land is started on the project or the activity without the prior environmental clearance.
4. The proposed land use shall be in accordance to the prescribed land use. A land use certificate issued by the competent Authority shall be obtained in this regards.
5. All trees felling in the project area shall be as permitted by the forest department under the prescribed rules. Suitable clearance in this regard shall be obtained from the competent Authority.
6. Impact of drainage pattern on environment should be provided.
7. Surface hydrology and water regime of the project area within 10 km should be provided.
8. A suitable plan for providing shelter, light and fuel, water and waste disposal for construction labour during the construction phase shall be provided along with the number of proposed workers.
9. Measures shall be undertaken to recycle and reuse treated effluents for horticulture and plantation. A suitable plan for waste water recycling shall be submitted.
10. Obtain proper permission from competent authorities regarding enhanced traffic during and due to construction and operation of project.
11. Obtain necessary clearances from the competent Authority on the abstraction and use of ground water during the construction and operation phases.
12. Hazardous/inflammable/Explosive materials likely to be stored during the construction and operation phases shall be as per standard procedure as prescribed under law, Necessary clearances in this regards shall be obtained.



13. Solid wastes shall be suitably segregated and disposed. A separate and isolated municipal waste collection center should be provided. Necessary plans should be submitted in this regards.
14. Suitable rainwater harvesting systems as per designs of groundwater department shall be installed. Complete proposals in this regard should be submitted.
15. The emissions and effluents etc. from machines, Instruments and transport during construction and operation phases should be according to the prescribed standards. Necessary plans in this regard shall be submitted.
16. Water sprinklers and other dust control measures should be undertaken to take care of dust generated during the construction and operation phases. Necessary plans in this regard shall be submitted.
17. Suitable noise abatement measures shall be adopted during the construction and operation phases in order to ensure that the noise emissions do not violate the prescribed ambient noise standards. Necessary plans in this regard shall be submitted.
18. Separate stock piles shall be maintained for excavated top soil and the top soil should be utilized for preparation of green belt.
19. Sewage effluents shall be kept separate from rain water collection and storage system and separately disposed. Other effluents should not be allowed to mix with domestic effluents.
20. Hazardous/Solid wastes generated during construction and operation phases should be disposed off as prescribed under law. Necessary clearances in this regard shall be obtained.
21. Alternate technologies for solid waste disposals (like vermin-culture etc.) should be used in consultation with expert organizations.
22. No wetland should be infringed during construction and operation phases. Any wetland coming in the project area should be suitably rejuvenated and conserved.
23. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Fully impermeable pavements shall not be constructed. Construction of pavements around trees shall be as per scientifically accepted principles in order to provide suitable watering, aeration and nutrition to the tree.
24. The Green building Concept suggested by Indian Green Building Council, which is a part of CII-Godrej GBC, shall be studied and followed as far as possible.
25. Compliance with the safety procedures, norms and guidelines as outlined in National Building Code 2005 shall be compulsorily ensured.
26. Ensure usage of dual flush systems for flush cisterns and explore options to use sensor based fixtures, waterless urinals and other water saving techniques.
27. Explore options for use of dual pipe plumbing for use of water with different qualities such as municipal supply, recycled water, ground water etc.
28. Ensure use of measures for reducing water demand for landscaping and using xeriscaping, efficient irrigation equipments & controlled watering systems.
29. Make suitable provisions for using solar energy as alternative source of energy. Solar energy application should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. Present a detailed report showing how much percentage of backup power for institution can be provided through solar energy so that use and polluting effects of DG sets can be minimized.
30. Make separate provision for segregation, collection, transport and disposal of e-waste.
31. Educate citizens and other stake-holders by putting up hoardings at different places to create environmental awareness.
32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
33. Prepare and present disaster management plan.
34. The project proponents shall ensure that no construction activity is undertaken without obtaining pre-environmental clearance.
35. A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy efficiency should be prepared incorporating details about building materials and technology, R & U Factors etc.
36. 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 August, 2003 (The above condition is applicable only if the project lies within 100 km of Thermal Power Station).
37. The DG sets to be used during construction phase should use low sulphur diesel type and should conform to E.P. rules prescribed for air and noise emission standards.
38. Alternate technologies to Chlorination (for disinfection of waste water) including methods like Ultra Violet radiation, Ozonation etc. shall be examined and a report submitted with justification for selected technology.



39. 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 spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
40. The construction of the building and the consequent increased traffic load should be such that the micro climate of the area is not adversely affected.
41. The building should be designed so as to take sufficient safeguards regarding seismic zone sensitivity.
42. High rise buildings should obtain clearance from aviation department or concerned authority.
43. Suitable measures shall be taken to restrain the development of small commercial activities or slums in the vicinity of the complex. All commercial activities should be restricted to special areas earmarked for the purpose.
44. It is suggested that literacy program for weaker sections of society/women/adults (including domestic help) and under privileged children could be provided in a formal way.
45. The use of Compact Fluorescent lamps should be encouraged. A management plan for the safe disposal of used/damaged CFLs should be submitted.
46. It shall be ensured that all Street and park lighting is solar powered. 50% of the same may be provided with dual (solar/electrical) alternatives.
47. Solar water heater shall be installed to the maximum possible capacity. Plans may be drawn up accordingly and submitted with justification.
48. Treated effluents shall be maximally reused to aim for zero discharge. Where ever not possible, a detailed management plan for disposal should be provided with quantities and quality of waste water.
49. The treated effluents should normally not be discharged into public sewers with terminal treatment facilities as they adversely affect the hydraulic capacity of STP. If unable, necessary permission from authorities should be taken.
50. Construction activities including movements of vehicles should be so managed so that no disturbance is caused to nearby residents.
51. All necessary statutory clearances should be obtained and submitted before start of any construction activity and if this condition is violated the clearance, if and when given, shall be automatically deemed to have been cancelled.
52. Parking areas should be in accordance with the norms of MOEF, Government of India. Plans may be drawn up accordingly and submitted.
53. The location of the STP should be such that it is away from human habitation and does not cause problem of odor. Odorless technology options should be examined and a report submitted.
54. The Environment Management plan should also include the break up costs on various activities and the management issues also so that the residents also participate in the implementation of the environment management plan.
55. Detailed plans for safe disposal of STP sludge shall be provided along with ultimate disposal location, quantitative estimates and measures proposed.
56. Status of the project as on date shall be submitted along with photographs from North, South, West and East side facing camera and adjoining areas should be provided.
57. Specific location along with dimensions with reference to STP, Parking, Open areas and Green belt etc. should be provided on the layout plan.
58. The DG sets shall be so installed so as to conform to prescribed stack heights and regulations and also to the noise standards as prescribed. Details should be submitted.
59. E-Waste Management should be done as per MoEF guidelines.
60. Electrical waste should be segregated & disposed suitably as not to impose Environmental Risk.
61. The use of suitably processed plastic waste in the construction of roads should be considered.
62. Displaced persons shall be suitably rehabilitated as per prescribed norms.
63. Dispensary for first aid shall be provided.
64. Safe disposal arrangement of used toiletries items in Hotels should be ensured. Toiletries items could be given complementary to guests, adopting suitable measures.
65. Diesel generating set stacks should be monitored for CO and HC.
66. Ground Water downstream of Rain Water Harvesting pit nearest to STP should be monitored for bacterial contamination. Necessary Hand Pumps should be provided for sampling. The monitoring is to be done both in pre and post monsoon, seasons.
67. The green belt shall consist of 50% trees, 25% shrubs and 25% grass as per MoEF norms.
68. A Separate electric meter shall be provided to monitor consumption of energy for the operation of sewage/effluent treatment in tanks.
69. An energy audit should be annually carried out during the operational phase and submitted to the authority.



70. Project proponents shall endeavor to obtain ISO: 14001 certification. All general and specific conditions mentioned under this environmental clearance should be included in the environmental manual to be prepared for the certification purposes and compliance.
71. Environmental Corporate Responsibility (ECR) plan along with budgetary provision amounting to 2% of total project cost shall be submitted (within the month) on need base assessment study in the study area. Income generating measures which can help in up-liftment of weaker section of society consistent with the traditional skills of the people identified. The program me can include activities such as old age homes, rain water harvesting provisions in nearby areas, development of fodder farm, fruit bearing orchards, vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self employment and jobs. Separate budget for community development activities and income generating programmers shall be specified. Revised ECR plan is to be submitted within 3 month. Failing which, the environmental Clearance shall be deemed to be cancelled.
72. Appropriate safety measures should be made for accidental fire.
73. Smoke meters should be installed as warning measures for accidental fires.
74. Plan for safe disposal of R.O reject is to be submitted.

Specific Conditions

1. The project proponent shall submit within the next 3 months the details of solar power plant and solar electrification details within the project.
2. The project proponent shall ensure to plant broad leave trees and their maintenance. The CPCB guidelines in this regard shall be followed.
3. The project proponent shall submit within the next 3 months the details on quantification of year wise CER activities along with cost and other details. CER activities must not be less 2% of the project cost. The CER activities should be related to mitigation of Environmental Pollution and awareness for the same.
4. The project proponent shall submit within the next 3 months the details of estimated construction waste generated during the construction period and its management plan.
5. The project proponent shall submit within the next 3 months the details of segregation plan of MSW.
6. The project proponent shall ensure that waste water is properly treated in STP and maximum reused for gardening, flushing system etc. For reuse of water for irrigation sprinkler and drip irrigation system shall be installed and maintained for proper function.
7. The project proponent will ensure that proper dust control arrangements are made during construction and proper display board is installed at the site to inform the public the steps taken to control air pollution as per the Construction and Demolition Waste Management Rules.
8. The project proponent shall install micro solar power plants, toilets in nearby villages, public place or school from CER fund of the project for which E.C is granted in addition to and water harvesting pits and carbon sequestration parks / designed ecosystems.
9. Analysis report of treated water of STP should be submitted alongwith the compliance report.
10. Date of completion of construction should be submitted within 15 days.
11. Minimum 1% of solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
12. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
13. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
14. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
15. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
16. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
17. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
18. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.



19. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
20. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
21. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
22. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
23. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
25. No parking shall be allowed outside the project boundary.
26. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
27. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
28. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
29. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
30. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
31. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
32. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
33. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
34. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
35. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
36. Ready Mix Concrete and Sprinkler to be used for curing and quenching during construction phase.
37. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
38. NOC from Ground Water Board is to be submitted for drilling of tube well for use of Water Supply.
39. All the internal drains are to be covered till the disposal point.
40. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
41. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.



