Ref No. 2003/Parya/SEAC/1665/2013/TA(J), Dated 12-October-2013

Environment Clearance for proposed Integrated Township (One World) At Village- Baghamau, Lucknow, U.P. M/s ANS Developers Pvt. Ltd. June-2017 Compliance Report (Pre- Monsoon Season)

The proposed residential township project "One World" is located at village-Baghamau, Lucknow Uttar Pradesh. Total plot area and Build up area for the proposed project is **843,324.92m²** and **10, 13,761.00 m²** respectively.

Based on the recommendations of SEAC meeting, the SEIAA has decided to grant the Environment Clearance (vide letter no. 2003/Parya/SEAC/1665/2013/TA(J), Dated 12th October 2013) to the project subject to the effective implementation of the following general and specific conditions:

	Conditions	Compliance Status	
(a)	(a) General Conditions		
1	The proposed project shall be in conformity to land use approved by the competent authority	The proposed land use is strictly as per Prescribed land Use as per Lucknow Master Plan 2021. Attached as Annexure-1	
2	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.	Ambient environment qualities of the site and the emission/ effluent standards are within the limits prescribe by MOEF. Ambient environmental quality monitoring report is attached as Annexure-2	
3	It shall be ensured that obtain the No Objection Certificate from the UP Pollution Control Board before start of construction.	NOC has been granted from the UP Pollution Control Board, construction activity started after grant of No objection Certificate.	
4	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 EC.	Works at site have been initiated after receiving Environmental Clearance from MoEF vide letter no. 2003/Parya/SEAC/1665/2013/TA (J), Dated 12 th October2013. Copy of EC is attached as Annexure -3	
5	The proposed land use shall be in accordance to the prescribed land use. A land use certificate issued by the	The proposed land use is strictly as per Prescribed land Use as per Lucknow Master Plan 2021. Attached as Annexure-1	

	compotent authority shall be obtained in	
	competent authority shall be obtained in this regards.	
	uns regarus.	
6	All trees falling in the project area shall	No tree felling is involved. The trees onsite were
0	be as permitted by the forest department	č
	under the prescribed rules. Suitable	conserved. Some weeds and grasses were cleared for
	clearance in this regards shall be	site preparation after grant of EC.
	obtained from the competent authority.	
7	Impact of drainage nations on	Natural drainage pattern for the project site is
/	Impact of drainage pattern on environment should be provided.	Natural drainage pattern for the project site is maintained. To manage storm water, RWH pits will be
	environment snould be provided.	provided on site.
		provided on site.
8	Surface hydrology and water regime of	Surface hydrology report of the project area within 10
	the project area within 10 km should be	km has already been submitted with the EIA Report.
	provided.	Map showing surface hydrology is attached as
		Annexure-4
9	A suitable plan for providing shelter,	Construction work has been started at Site. Construction
	light and fuel, water and waste disposal	workforce is being provided with the best of Basic
	for construction labor during the	amenities as safe drinking water, shelter, PPE, Toilets
	construction phase shall be provided	etc.
	along with the number of proposed workers.	eic.
10	Measures shall be undertaken to recycle	Necessary recycling and reuse of effluents will be
10	and reuse treated effluent for	
	horticulture and plantation. A suitable	provided during the operation phase after installation of
	for waste water recycling shall be	the STP as proposed in EIA Report.
	submitted.	Waste water recycling plan is attached as Annexure -5
11	Obtain proper permission from the	All the relevant permission required for the project has
	competent authority regarding enhanced	been taken.
	traffic during and due to construction &	
	operation of project	
12	Obtain necessary clearance from the	During Construction phase water supply is from tankers
	competent authority on the abstraction	and in Operation phase ground water will be used.
	and the use of ground water during the	Permission from CGWA has been granted letter no.21-
	construction & operation phases.	4(566)/NR/CGWA/2014-1900 Dated 17 DEC 2015.
		Attached as Annexure -6
13	Hazardous/ Inflammable/ Explosive	Presently no Hazardous / Inflammable / Explosive
	materials likely to be stored during the	materials are being used at site. Spent diesel oil from
	construction and operation phases shall	Generator sets are the only hazardous waste expected in
	be as per standards procedure as	Scherator sets are the only hazardous waste expected in

prescribed under law, necessary	the project. It will be temporarily stored and then
clearance in this regards shall be obtained.	transferred to authorized recyclers.
Solid waste 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. Suitable Rain Water harvesting system as per design of Ground water Department shall be installed. Complete proposal in this regards should be submitted.	Necessary agreement with approved vendor for the handling and disposal of Municipal Wastes will be done before the Operation Phase. Solid waste management plan is attached as Annexure-7 Rain water harvesting design and detail are attached as Annexure-8 .
The emission and effluents etc. from machines, instruments and transport during construction and operation phases should be according to the prescribed standards. Necessary plans in this regards shall be submitted.	For disposal of exhaust from DG sets, Chimney / Stack height has been provided as per CPCB Standards. Ambient air quality monitoring report are attached as (ref. Annexure-2)
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 regards shall be submitted	It is being complied with, by means of dust barriers and water sprinklers.
	 Noise resulting from operation of construction machinery may constitute and additional environmental stress. Certain practices have been adopted to mitigate noise pollution, as: Curtain walls of about 8ft height are provided to confine the noise within the project area. Equipments making significantly higher noise are being replaced with equipments having tolerable noise level. Workers employed in high noise areas are being rotated. Earplugs/muffs, or other hearing protective wear will be provided to those working close to the noise generating machinery.
	clearance in this regards shall be obtained. Solid waste 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. Suitable Rain Water harvesting system as per design of Ground water Department shall be installed. Complete proposal in this regards should be submitted. The emission and effluents etc. from machines, instruments and transport during construction and operation phases should be according to the prescribed standards. Necessary plans in this regards shall be submitted. 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 regards shall be submitted.

10	Severate stacknike shall be maintained	Top soil has concretely been stockpiled and will be used
19	Separate stockpiles shall be maintained	Top soil has separately been stockpiled and will be used
	for excavated top soil and the top soil	up in Landscaping and Green belt development.
	should be utilized for the preparation of	
	the green belt.	
20	Sewage effluents shall be kept separate	Separate drains as suggested is being provided.
	from rain water collection and storage	
	system and separately disposed. Other	
	effluent should not be allowed to mix	
	with domestic effluent.	
21	Hazardous/Solid waste generated during	Necessary agreements with approved vendors and
	construction and operation phases	clearance applications shall be finalized before the
	should be disposed off as prescribed	Operation Phase. Waste oil is being presently stored
	under law. Necessary clearance in this	temporarily and is being handed over to authorized
	regard shall be obtained.	recyclers.
22	Alternate technology for Solid waste	Alternative technology for solid waste management is
	disposal (Like Vermiculture etc.) should	being explored.
	be used in consultation with expert	
	organizations.	
23	No wetland should be infringed during	There is no wetland in the project area.
23	construction and operation phase. Any	There is no wettand in the project area.
	wetland coming in the project area	
24	should be rejuvenated and conserved.	
24	Pavement shall be so constructed as to	It will be complied with at the time of construction of
	allow infiltration of surface runoff of	pavements.
	rain water. Fully impermeable pavement	
	shall not be constructed. Construction of	
	pavement around trees shall be as per	
	scientifically accepted principal and in	
	order to provide suitable watering,	
	aeration and nutrition to tree.	
25	Green building concept suggested by	Is being complied.
	Indian Green Building Council, which is	
	part of CII-Godrej GBC shall be studied	
	and followed as for as possible	
26	Compliance with safety procedures,	All construction activities are strictly following safety
	norms and guidelines as outlined in	procedures and norms as prescribed in National
	National Building Code 2005 shall be	Building Code 2005.
	compulsorily ensured.	
27	Ensure usage of dual flush system	It will be ensured at the time of providing fixtures.
	cisterns and explore options to use	
	sensor based fixtures, waterless urinals	
	and other waste saving techniques.	
<u> </u>	and other music suring reeningues.	

20		Water holongs short showing various fresh water and
28	Explore options for use of dual pipe	Water balance chart showing various fresh water and recycled water demands and quantities is attached as
	plumbing for use of water with different	(ref .Annexure-5)
	qualities such as municipal supply,	(ICI :/ IIIICAULC-5)
	recycled water, ground water etc.	
29	Ensure use of measures for reducing	Landscape and green belt development plan is attached
	water demand for landscaping and using	as Annexure-9
	xeriscaping efficient irrigation	
	equipment & controlled watering	
	systems.	
30	Make suitable provisions for using solar	Use of solar energy as alternative source of energy is
	energy as alternative of energy. Solar	
	energy application should be	being studied and explored. Solar power will be used for
	incorporated for illumination of	street lighting and common area lighting.
	common areas, lightning of gardens and	
	street lightning 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.	
31	Make separate provision for segregation,	No e-waste is being presently generated. Necessary
	collection, transport and disposal of e-	negotiations will be held with authorized dealers before
	waste.	the Operation Phase.
		E -Waste management plan is attached as Annexure-10
32	Educate citizens and other stake holders	Environment awareness program will be taken up in the
	by putting up hoardings at different	project with the involvement of all stake holders
	places to create environmental	through pep talks and displays.
	awareness.	
33	Traffic congestion near the entry and	Fully internalized parking with no public space
	exit points from roads adjoining the	encroachment has been planned and accepted by
	proposed project site must be avoided.	SEIAA.
	Parking should be fully internalized and	Site plan showing roads is attached as Annexure-11
	no public space should be utilized.	
34	Prepare and present disaster	Disaster Management Plan is attached as Annexure-12
	management plan.	
35	The project proponents shall ensure that	Complied.
55	no construction activity is undertaken	comprise.
	without obtaining environment	
	clearance.	
36	A report on the energy conservation	Report on energy conservation measures adopted for the
	measures confirming to energy	project is attached as Annexure-13
	conservation norms finalize to Bureau of	1 5
<u> </u>	conservation norms infanze to bureau of	

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	Energy efficiency should be prepared	
	incorporating details about building	
	materials and technology, R and U	
	factors etc.	
37	Fly ash should be used as building	Pozzolana Cement and Pozzolana based material for
	material in the construction as per	construction activities are being used as per the Fly Ash
	provision of fly ash notification of	Notification of 2009.
	September, 1999 and amended as on	
	August, 2003 (The above condition is	
	applicable only if the project lies within	
	100km of Thermal power Station)	
38	The DG sets to be used during	High performance diesel (low sulphur diesel) is being
	construction phase should be use low	used up in DG Sets; emissions of these sets strictly
	sulphur diesel type and should confirm to E.P. rules prescribed for air and noise	comply with the prescribed emission standards for noise
	emission standards.	and air as per E.P Rules.
39	Alternate technologies to chlorination	All technologies for disinfection of waste water are
	(for disinfection of waste water)	being explored as, UV radiation, Ozonation. The
	including methods like ultra violet	technology will be examined and report will be
	radiation, Ozonation etc. shall be	submitted before operation phase.
	examined and report submitted with	
	justification for selected technology.	
40	The green belt design along the	Landscape and green belt development plan is attached
	periphery of the plot shall achieve	as (ref. Annexure-9)
	attenuation factor conforming to the day	
	and night noise standards prescribed for	
	residential land use. The open spaces	
	inside the plot should be suitably	
	landscape and covered with vegetation of	
	indigenous variety.	
41	The construction of the building and the	The construction of the building and the traffic
	consequent increased traffic load should	management are as per approved plans and permissions
	be such that micro climate of the area is	from the local development authority and SEIAA. There
	not adversely affected.	will not be any impact on micro climate of the Area.
42	The building should be design so as to	The area falls in Seismic zone III. Suitable design
	take sufficient safeguard regarding	criteria have been incorporated.
	seismic zone sensitivity.	
43	High rise buildings should obtain	Is being complied.
	clearance from aviation department or	
	concerned authority.	
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44	Suitable measures shall be taken to	No haphazard development is present in the vicinity.
	restrain the development small	
	commercial activities or slums in the	
	vicinity of the complex. All commercial	
	activities should be restricted to special	
	areas earmarked for the purpose.	
45	It is suggested that literacy program for	This will form part of the Environmental Management
	weaker section of society/women/adult	Plan to be transferred to the Housing Society or
	(Including domestic help) and under	concerned agency for managing the maintenance of the
	privilege children could be provided in	operation phase. During construction phase cultural
	formal way.	
		programs are being organized regularly for the women
		and children of laborer.
46	The use of Compact Fluorescent lamps	LEDs are being used in the entire project area. We will
	should be encouraged. Management plan	be encouraging use of LED bulbs among residents as
	for the safe disposal of used / damaged	well.
	CFLs should be submitted.	wen.
47	It shall be ensured that all street and	Is being complied.
	park lighting is solar powered 50% of	
	the same may be provided with dual	
	(solar/electrical) alternatives.	
48	Solar water heater shall be installed to	Possibility of installing solar water heaters, as a part of
	the maximum possible capacity. Plans	energy requirement of the project is being explored.
	may be drawn up accordingly hands	
	submitted with justification.	
49	Treated effluent shall be maximally	Detailed plans for recycling and reuse have been
	reused to aim for zero discharge. Where	provided in Annexure 5 .
	ever not possible, a detailed management	
	plan for disposal should be provided	
	with quantity and qualities of waste	
	water.	
50	The treated effluents should normally	Treated effluents would be used for irrigation, flushing
	not be discharged in to public sewers	and DG Set cooling.
	with terminal treatment facilities as they	and DO Ber coomig.
	adversely affect the hydraulic capacity of	
	STP. If unable, necessary permission	
	from authorities should be taken.	
51	Construction activities including	There will be no disturbance to the movement of
	movements of vehicles should be so	
	managed so that no disturbance is	vehicles due to the construction activity of this project.
	caused nearby residents.	
	cuuscu neuroy restuents.	

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52	All necessary statutory clearances	Noted, All necessary statutory clearances have been
	should be obtained and submitted before	obtained.
	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.	
53	Parking area should be in accordance	Proposed provisions for parking is as per MoEF norms.
	with the norms of MoEF, government of	Parking provisions are made in basement.
	India. Plans may be drawn up	8 r
	accordingly and submitted.	
54	The location of the STP should be such	STP locations are strategically finalized.
	that it is away from human habilitation	
	and does not cause problem of odor.	Detailed STP plan is attached as Annexure-14
	Odorless technology options should be	
	examined and a report submitted.	
55	The environment management plan	Fund for the environment management has already been
	should also include the break up costs on	allocated. As there is no occupancy in the complex the
	various activities and the management	
	issues also so that residents also	cost is being borne by the maintenance authority during
	participate in the implementation of the	construction.
	environment management plan.	
56	Detailed plans for safe disposal of STP	The sludge will be disposed along with MSW.
	sludge shall be provided along with	
	ultimate disposal location, quantitative	
	estimates and measures proposed.	
57	Status of the project as on date shall be	Construction work has been started at the site. About
57	submitted along with photographs from	
	North, South, West and East side facing	10% of the construction has been done.
	camera and adjoining areas should be	Photographs are attached as Annexure-15
	provided.	
58	Specific location along with dimensions	Detailed plan is attached as (ref.Annexure-11)
50	with reference to STP, Parking, Open	Detailed plan is accorded as (ret. Annexare-11)
	areas and Green belt etc. should be	
	provided on the layout plan.	
59	The DG sets shall be so installed so as to	The DG set height will be 6m + building height during
59		
	conform to prescribed stack heights and	the operation phase. DG set monitoring report is
	regulations and also to the noise	attached as (ref Annexure-2)
	standards as prescribed, Details should be submitted.	
()		E Wasta management is being pagetisted with any second
60	E- Waste management should be done as	E-Waste management is being negotiated with approved
	per MoEF Guidelines.	vendor. E-Waste is likely to be generated only in the
		operation phase.
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61	Electrical waste should be segregated	Segregation of e-waste will be as per e-waste management plan. (ref Annexure-10)
	and disposed suitably as not to impose	management plan. (let Annexure-10)
()	environmental risk.	
62	The use of suitably processed plastic	Use of suitable processed plastic is being explored.
	waste in the construction of roads should be considered.	
63	Displaced persons shall be suitably	No displacement involved as the existing land use will
03	rehabilitated as per prescribed norms.	
	renabilitated as per prescribed norms.	not get altered from the project as the current land use
		of the project is residential as per the Lucknow Master
		Plan 2021.(ref Annexure-1)
64	Dispensary for first aid shall be provided	Dispensary for first aid has been provided at the Project
		Site.
65	Safe disposal arrangement of used	Not applicable.
00	toiletries items in hotels should be	
	ensured. Toiletries items could be given	
	complementary to guests, adopting	
	suitable measures.	
66	Diesel generating set stacks should be	DG stacks are being regularly monitored for CO and
	monitored for CO and HC.	HC.
		Reports are attached (ref. Annexure -2)
67	Ground water downstream of rain water	It will be undertaken after installation and operation of Rain Water Harvesting system.
	harvesting pit nearest to STP should be monitored for bacterial contamination.	Ground water will be regularly monitored for any kind
	Necessary hand pumps should be	of contamination.
	provided for sampling. The monitoring	Ground Water Quality Analysis Report is attached as
	is to be done in pre and post monsoon	(ref Annexure-2)
	seasons.	
68	The green belt shall consist of 50 %	It will be incorporated in the Landscape plan for
	trees, 25% shrubs and 25 % grass as per	implementation towards the end of the construction
	MoEF norms.	phase.
69	A separate electric meter shall be	Separate meter will be provided to monitor energy
	provided to monitor consumption of	consumption for the operation of STP.
	energy for the operation of sewage	
	/effluent treatment in tanks.	
70	An energy audit should be annually	Will be complied during the operation phase.
	carried out during the operational phase	
	and submitted to the authority.	
71	Project proponents shall endeavor to	Noted & will be complied.
	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 purpose and	
	compliance.	
72	Appropriate safety measures should be	Fire safety measures are as per the NBC 2005, section
	made for accidental fires.	IV. Fire water storage tanks will be present along with
73	Smoke meters should be installed as	wet risers and hose reels. Installation of smoke meters is an essential part of Fire
15		safety Plan.
74	warning measures for accidental fires.	
/4	Plan for safe disposal of RO Reject is to be submitted.	Not applicable.
75	Project falling within 10 km area of Wild	This project comes under No Wild Life Zone Area
	Life Sanctuary should obtain a clearance	hence no further compliance is required is this regards.
	from National Board for Wild Life	
	(NBWL) even if the eco-sensitive zone is	
	not earmarked.	
76	The environmental safeguards contained	Is being complied.
	0	o r r
	in the EIA report should be	
	implemented in letter and spirit.	
77	Provision should be made for supply of	All basic amenities as suggested have been provided to
	kerosene or cooking gas and pressure	the construction workforce.
	cooker to the laborers during	
	construction phase.	
78	Six monthly compliance reports should	Six months compliance will be done and reports will be
	be submitted to Directorate of	submitted to DOE and Regional office of MoEF.
	Environment, U.P./UPSEB/MoEF	
	Regional office, Lucknow.	
79	Officials of DOE/MoEF Regional office,	All cooperation will be extended to the visiting officials.
	Lucknow who would be monitoring the	
	implementation of environmental	
	safeguards should be given full	
	cooperation, facilities and	
	documents/data by the project	
	proponents during inspection.	
80	In case of any change in the scope of the	Is being complied.
	project, the project would require a	
	fresh EC.	
81	The SEIAA, UP reserves the right to add	Noted.
	additional safeguard measures	
	subsequently, if found necessary, and to	
	take action including revoking of the EC	
	under the provisions of the	
	Environmental (Protection) Act,1986 to	

	· · · · · · · · · · · · · · · · · · ·	
	ensure effective implementation of the	
	suggested safeguard measures in a time	
	bound manner.	
82	All statutory clearances as the approvals	Is being complied.
	for storage of diesel from chief controller	
	of explosives, fire department, civil	
	aviation department, forest conservation	
	Act 1980 and wildlife protection act 1972	
	shall be obtained, as applicable by	
	project proponents from the respective	
	competent authorities.	
83	Any appeal against this Environmental	Noted.
	clearance shall lie with the National	
	Environmental Appellate Authority, if	
	preferred, within a period of 30 days as	
	prescribed under section 11 of the	
	National Environmental Appellate Act,	
	1997.	
	Specific conditions:	
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	1.Construction Phase	
1	A certificate shall be obtained fro	m The site is well protected by construction of Bund
	irrigation department that the site is n	ot along the River Gomti. The area is not flood prone
	covered under flood plain area.	after construction of bunds.
		after construction of bunds.
2	Consent for establishment shall be obtain	ed NOC has been granted from the UP Pollution
	from UPPCB under Air and Water act an	nd Control Board, construction activity started after
	a copy shall be submitted to SEIAA, U	JP
	before start of any construction work.	grant of No objection Certificate.
2	All required sanitary and hygienic measur	es Noted and is being complied.
3		
3		
3	should be in place before starting	ng
3	should be in place before starting construction activities and to be maintained	ng
3	should be in place before starting	ng
3	should be in place before starting construction activities and to be maintained throughout the construction phase.	ng
	should be in place before starting construction activities and to be maintained throughout the construction phase.	ng ededheFirst aid room has been provided at the project site.
	should be in place before starting construction activities and to be maintained throughout the construction phase.	ng ededheFirst aid room has been provided at the project site.

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5	Adequate drinking water and sanitary	All the adequate facilities (eg. drinking water,
	facilities should be provided for	mobile toilets etc.) for construction workers have
	construction workers at the site. Provision	been provided at project site.
	should be there for mobile toilets. The safe	
	disposal of solid waste generated during the	
	construction phase should be ensured.	
6	All the top soil excavated during	Noted and is being complied.
	construction activity should be stored for	
	use in horticulture/landscape development	
	within the project site.	
	within the project site.	
7	Disposal of muck during construction phase	Top soil will be stockpiled and will be used in
·	should not create any adverse effect on the	landscaping and green belt development.
	neighboring communities and be disposed	landseuping and green ben development.
	taking the necessary precautions for general	
	safety and health aspects of people, only in	
	approved sites with the approval of	
	competent authority.	
8	The approach road to OSR shall be ensured.	Noted and will be complied.
9	Soil and ground water samples will be tested	These will be provided every six months with the
	to ascertain that there is no threat to ground	compliance report. Testing report attached as
	water quality by leaching of heavy metals	Annexure 2.
	and other toxic contaminants.	
10	Construction spoils, including bituminous	Noted and will be complied.
_	material and other hazardous materials,	1
	must not be allowed to contaminate	
	watercourses and the dump sites for such	
	material must be secured so that they should	
	not leach into the groundwater.	
11	Any hazardous waste generated during	Is being complied.
11	• 0 0	is being complied.
	construction phase, should be disposed off	
	as per applicable rules and norms with	
10	necessary approvals of the UPPCB.	Demonstrate design and the last
12	The DG sets to be used during construction	Power supply during construction phase is ensured through temperature power connection. D.C. este are
	phase should be low sulphur type and	through temporary power connection. D G sets are present on-site for backup power is having
	should conform to Environment	specifications conforming to E.P. rules prescribe for
	(Protection) Rules prescribed for air and	air and noise pollution.
	noise emission standards.	
13	The diesel required for operating DG sets	Small amounts of diesel are being stored as fuel
	shall be stored in underground tanks and if	station is close to the project site.
	required, clearance from chief controller of	
	explosives shall be taken.	
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14	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non peak hours. Ambient noise levels should conform to residential standards both during day and night.	Only PUC certified vehicles are allowed to operate.
16	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 stipulated standards by CPCB/UPPCB.	Noted and is being complied.
17	Fly ash should be used in building material in the construction as per provisions of fly ash notification of Sep. 1999 and amended as on 29 Aug 2003.	Pozzolana cement and Fly ash bricks are being used in construction.
18	Ready mix concrete must be used in building construction.	1 RMC Plant has been installed at the site.
19	Storm water control and its re –use as per CGWB and BIS standards for various applications.	Storm water collection network is proposed to avoid any kind of flooding in the region during rains. RWH pits are proposed to manage storm water and ground water recharge.
20	Water demand during construction should be reduced by use of pre-mix concrete, curing agents and other best practices preferred.	RMC has been used in the project.
21	Permission to draw ground water shall be obtained from competent authority prior to construction/operation of the project.	During Construction phase water supply is from tankers and in Operation phase ground water will be used. Permission from CGWA has been obtained letter no.21-4(566)/NR/CGWA/2014-1900 Dated 17 DEC 2015. (ref Annexure-6)

 22 Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water. 23 Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control. 24 Use of glass may be reduced by upto 40% to reduce the electricity consumption and load 	s have been
 separation of grey and black water. 23 Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control. 24 Use of glass may be reduced by upto 40% to High quality glass with energy effective of the properties of the properties	
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drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.proposed in the project.24Use of glass may be reduced by upto 40% toHigh quality glass with energy effect	
of aerators or pressure reducing devices or sensor based control. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ficient features
of aerators or pressure reducing devices or sensor based control.24Use of glass may be reduced by upto 40% toHigh quality glass with energy effective	ficient features
sensor based control.24Use of glass may be reduced by upto 40% toHigh quality glass with energy effective	ficient features
	ficient features
reduce the electricity consumption and load have been used in the project	
on air conditioning. If necessary, Use high	
quality double glass with special reflective	
coating on windows.	
25 Roof should meet prescriptive requirements Is being complied.	
as per Energy conservative building	
26 Code by using appropriate thermal Noted and will be complied.	
insulation material to fulfill requirement.	
27 Opaque wall should meet prescriptive Noted and will be complied by use	of portormonoo
27 Opaque wall should meet prescriptive Noted and will be complied by use requirements as per Energy Conservation. glass.	or performance
requirements as per Energy Conservation. grass.	
28 Building code which is proposed to be Noted and will be complied.	
mandatory for all air conditioned spaces by	
use of appropriate thermal insulation	
material to fulfill requirements.	
29The approval of competent authority shallNoted.	
be obtained for structural safety of the	
building due to earthquake, adequacy of	
fire-fighting equipments etc. as per NBC	
including protection measures from lighting.	
30 Regular supervision of the above and other All construction work is under the	supervision of
magning for monitoring chould be in place	Supervision of
all through the construction phase, so as to	
avoid disturbances to the surroundings.	
31 Under the provisions of Environment Work started only after award of	Environmental
(and a first 109) lead a first shall be	Linvironnicinal
(protection) Act, 1986, legal action shall be initiated against the project proponent if it	
was found that construction of project has	
been started without obtaining	
environmental clearance.	
Specific Conditions:	
Operation Phase:	

1	LIG and EWS housing to be provided as per	LIG and EWS housing has been proposed as per
1	local development authority byelaws.	
		bye-laws.
2	The installation of STP should be certified	It will be done at the time of commissioning of STP.
	by an independent expert and a report in	
	this regard should be submitted to SEIAA	
	before the project is commissioned for	
	operation. Treated effluent emanating from STP shall be recycled /reused to maximum	
	extent possible. Treatment of 100% grey	
	water by decentralized treatment should be	
	done. Discharge of unused treated effluent	
	shall conform to norms and standards of	
	UPPCB. Necessary measures should be	
	made to mitigate the odor problem from	
	STP.	
3	The solid waste generated should be	It will be done by doing door to door collection by
	properly collected and segregated. Wet	authorized vendor during operation phase. (Refer
	garbage should be composted and dry/inert	Annexure 7 &10 .)
	solid waste should be disposed off to the	
	approved sites for land filling after	
	recovering recyclable materials.	
4	DG Sets proposed as source of backup	DG sets provided are enclosed type. Stack height
	power for elevators and common area	will be 6m more than the height of the tallest
	illumination during operation phase should	building in the project.
	be enclosed type. The height of stack of DG	
	sets should be equal to the height needed for	
	the combined capacity of all proposed DG	
	Sets. The location of DG sets may be decided	
	in consultation with UPPCB.	
5	Noise should be controlled to ensure that it	Noted and is being complied.
	does not exceed the prescribed standards.	
	During night time the noise levels measured	
	at the boundary of the building shall be	
	restricted to the permissible levels to comply	
	with the prevalent regulations.	
6	The Green belt of adequate width and	Green belt will be provided with the use of local and
	density preferably with local species along	native species of plants.
	the periphery of the plot shall be raised so as	Landscape and green belt development plan is
	to provide protection against particulates	attached as Annexure-9
	r r r r r r r r r r r r r r r r r r r	

	and noise.	
<u> </u>		
7	Weep holes in the compound walls should be	Noted and is being complied.
	provided to ensure natural drainage of rain	
	water in the catchment area during	
	monsoon period.	
8	RWH for roof run-off and surface run-off,	RWH is being planned and will be marked at site at
	as plan submitted should be implemented.	various locations.
	Before recharging the surface run-off, pre	
	treatment must be done to remove	
	suspended matter, oil and grease. The bore	
	well for rainwater recharging should be	
	kept at least 5 m above the highest water	
	table.	
9	The ground water level and its quality	Water quality will be monitored every six month for
	should be monitored regularly in	pre and post monsoon season.(ref. Annexure2)
	consultation with CGWA.	
10	Traffic congestion near the entry and exit	Bell shaped entry and exit points have been
	points from the roads adjoining the	provided. Parking is fully internalized and no public
	proposed project site must be avoided.	space is being encroached.
	Parking should be fully internalized and no	Whenever necessary, glow sign board will be
	public space should be utilized.	installed to control traffic and avoid accidents.
11	A report on the energy conservation	It will be done within a year as it is being studied
	measures confirming to energy conservation	for working and execution.
	norms finalize to Bureau of Energy	
	efficiency should be prepared incorporating	
	details about building materials and	
	technology, R and U factors etc.	
12	Energy conservation measures like	LED is being used in the common and open areas.
	installation of CFL/TFL for the lighting the	The use of LED will be encouraged among residents as well.
	areas outside the building should be integral	
	part of project design and should be in place	
	before project commissioning .Used CFL and TEL should be preparly collected and	
	and TFL should be properly collected and disposed off for recycling to avoid moreury	
	disposed off for recycling to avoid mercury contamination. Use of solar panels may be	
	done to the extent possible.	
13	Adequate measures should be taken to	Is being complied.
15	prevent odor problem from solid waste	is complica.
	processing plant and STP.	
	Processing print and 011.	

14	The building should have adequate distance	
	between them to allow movement of fresh	buildings for fresh air passage of natural light, air
	air and passage of natural light, air and	and ventilation.
	ventilation.	