# State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004 Phone: 0141-2705633, 2711329 Ext. 361

File No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat(8(a)B2(609)/13-14 Jaipur, Dated: 7 1 1AN 2014

To, Mr. Navratan Lal Agrawal, Add-313-A, Old Amer Road, Jaipur Pin-302002 (Rajasthan)

Sub: E.C. for Proposed Hotel project at Plot No.- 1 to 8 & 17,18 Dheer Vihar, Shappura Bagh Amer Road, Amer, Jaipur, Rajasthan.

Sir,

This has reference to your application dated 08.08.2013 seeking environmental clearances for the above project under Environment Management Plan Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the Environment Management Plan Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, Environment Management Plan, Environment Management Plan and additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meeting held on 23.09.13 & 26-27.12.2013.

## 2. Brief details of the Project:

2.	no.(in Schedule):	<u> </u>							
۷.	Location of Project	No 1 to	8 & 1'	7,18 Dheer Vihar, Shapp	ura Bagh Ar	ner Road, Amer,	Jaipur, Rajastha		
3.	Land Use			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			
4.	Project Details	S. No.	Part	iculars		Details			
		1.	Tota	al Plot Area					
	A ZNIC	2.		t Up Area		5018.50 Sq. m.			
		3.		nissible Ground Coverage		23782.48 Sq. m.			
			- Tamboroto Ground Coverage				40%		
		4.	Utilized Ground Coverage			(2007.40 Sq. m.)			
						39.86 5			
9		5.	Perm	nissible FAR	(2004.5 Sq. m.)				
		6.	Utilized FAR without any deduction			3(15055.50 Sq. m.)			
			Utilized FAR After deduction			2.835 (14230.11 Sq. m.)			
		7.	Maximum height up to machine room Maximum height up to terrace floor			2.637 (13234.01 Sq. m.) 34.26 m.			
1		Los							
	D- 1.		-11.		29.43. m.				
•	Parking	Floor		Cars		oters/Two	Total ECU		
		3 <sup>rd</sup> Basement 2 <sup>nd</sup> Basement Ground Floor Total E.C.U		86 E.C.U		elers/Cycles	10000		
				86 E.C.U		14.33 E.C.U)	100.33 E.C.U		
6/				77 E.C.U	160	14.33 E.C.U)	100.33 E.C.U		
				249 E.C.U		(53.33 E.C.U)	130.33 E.C.U		
	Total I		246 (8			82 E.C.U) 331 E.C.U			
	Expected Cost:	19.0 Crores							
	Water Requirement	During C	onstru	ction Phase: 20 KLD					

	& Source	Post Construction Phase: 346 KLD Occupants: 1997 (approximately)									
3.	Fuel & Energy:-	DG Sets 500 KVA 2 To confine prescribed having aco		at 11 KW sup capacity 1500 it is proposed 50 KVA for Specification To confirm prescribed u having acou- act- 1986. To	CW, which shall be met through apply voltage, it will be stepped to KVA.  Ed to provide D.G set of capacity common facilities to cater the						
		KV approval Co				tificate).					
9.	Environment	S. no.	S. no. Description				Capital	Recurring			
	Management Plan		1-2	1			cost	Cost / Ye	ar		
		1	STP			100 000 000	30	05			
		2	Landscaping				05	03			
		3	Ground Water Recharge Structure				06	0.6			
		4	Acoustic Enclosure				03	-			
			1/4	This was a second	25	-					
		5	Duai Tumonig System				15	03			
		6	Boldi Ellergy dulled to 12 pp 11				05	02			
		7	Lifeigy Efficient Eighting				02	0.6			
		8	Bolla Waste Wallage Merit				15	0.0			
		9	Littletett i ixtures					2.2			
		10	Monitoring of Air, Water, Noise & Soil -				25 -				
	_	11		Histiation of wans & reer				-			
		12	1 WO Truck inculted turners				18	03			
								149 19.4			
	- W	21 114111									
10	CSR Activates	S.	Partic	ulars			1st Year	2 <sup>nd</sup> Year	3 <sup>rd</sup>		
10	CSK Activates	No.	1 di tio						Year		
			1. The proponent proposed to buy Ambulance					Contract I	-		
	أر ي	1,	and donate it to Red Cross.								
	Y 5	2.	The n	roponent wishes to a	bout p	rimary schools	4 Lacs	3 Lacs	2 Lacs		
	" 1	5 2.	2. The proponent wishes to about primary schools in vicinity and upgrade their basic facilities and								
		4	infras	tructure like:	- 27						
	yak.	68	1. Donating books, school bags, stationary &					1 1			
	the state of the s			ess.							
	2. Construction of toilets, boundary w					ındary wall &	2				
	verandas 3. Installation of fans & lights.										
							1				
	100	4. Changing blackboard & furniture.									
			5. A	5. Adopting the greenery development.							
		3.	Main	Maintenance of nearby public place like				1	1		
	, in the last	Telephone.	roads	roadside greenery and footpath.							
	.6.3	4.	Enco	uragement of sanita	tion i	n locality an	d   1				
		1 1 1	provi	sion of dustbins in lo	cality.						
	1	5.	Providing training and edu				f 3	2	2		
			stakeholders which will include Employees,								
		to de la company	Supp	liers, Vendors, Custo	mers a	and Society.			2		
				ering with NGO to			d 4	2			

ulotac	de partido de la regio	i es mel	women/housewives of locality in hospitality, self-grooming and house-keeping				П			
TO K	Figure 31 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Total	07.7	1		Ш			
	Marian 4			27 L	acs	11 Lacs	7	Lacs		
11	STP	Total- Rs. 45 Lacs proposed to spent for CSR Activity								
111	311	Total domestic water requirement during construction = 6.8 KLD.								
		It is assur	med that 4 % (2.72 KLD) of total water will be us	sed fo	d for flushing and 60 $\%$ (4.08					
	describer -	KLD) WI	Il be used for domestic purposes. Cosidering	15 %	as lo	sses, total	Se	wage		
er a	100	generated	generated will be 5.78 KLD.							
		For 5.78	For 5.78 KLD sewage as per Manual on Sewerage and Sewage Treatment,							
	113 7 THE E-114 CO.	Orban De	velopment. New Delhi, Size = 10 m × 3m × 1	m der	nth (0	3 in freeho	ard	1)		
THE REAL PROPERTY.	Alakano in him are	Total sewage generation from the project will be 285 KLD. The sewage will be treated in								
1 -1 14	But a like of the	the full fledged sewage treatment plant of capacity 300 KLD. Treated sewage will be								
16/6		reused for flushing and gardening within premises. Technology- SBR								
12	Budgetary Breakup	Fixed explicit Investment								
	for labour	S. No.	Activity		Fived	capital (in	Pc			
-10	to But the bearing	1 2000000	Temporary Houses to workers – 50 nos. @ Rs. 250	00	12,50		13.7			
1913	ability become it.	2.	2. Common toilet – 10 nos. @ 10,000				Rs. 1,00,000			
		3	Bathing Area – 10 Nos. @ 10,000	-		00,000	+			
3 60		4	Stoves to each family – 50 Nos. @ 2000			00,000	-			
	Stephen Stranger	5	A medical room will be provided for regular he	ealth	Rs. 25		$\dashv$			
	D Roji Stanialisti	and rec	checkups and medical aid for which one doctor Compunder will be hired.	and	110.21	,,,,,				
	I SOLINA	6	RO Plant (50 lpm) – 2 nos.		Re 1	00,000	$\dashv$	-		
	Special control of the second	Total			Rs. 16,75,000					
		Running E	unning Expenses per month							
		S. No.	Activity	R	unning	Capital (In	Do			
citt	Bell Line Care Care	1	Kerosene Oil to workers – 40 l/month/family @ R. 35	s. R	s. 7000		IXS.			
Post nei	batique e comme de la comme de	2	Medical Facility (1 Doctor + 1 Compunder) on vis basis	it R	s. 38,0	00	$\dashv$	$\neg$		
11	system to prove	3 .	Electricity and general expenses	R	s. 10,0	00	+			
, si je	I bgs of growing	4	Proponent will encourage labour to send the	ir R	s. 25,0		1			
	MOLES ()	111 1 2 1	children to nearby school for which financial support will be made.	rt						
	STAND LAND LAND LAND LAND LAND LAND LAND L	Total			Rs. 143000					
13	Green Plantation	1241.1663	Sq. Mt area				$\dashv$			

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. 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:

#### PART A: SPECIFIC CONDITIONS

#### I. CONSTRUCTION PHASE

- i Consent to Establish" shall be obtained from RPCB before start of any construction work at the site.
- The PP shall obtain a "No objection certificate for height clearance for the envisaged level from the Airports Authority of India.
- iii No Mobile tower shall be installed.
- iv The P.P. shall comply with the guide lines for High Rise Buildings as per Office Memorandum no. 21-270/2008-IA.III dt. 07.02.2012 and amendments made therein.
- As envisaged, the P.P. shall invest at least an amount of Rs. 149 lacs as capital cost(before the project is put into use) & Rs. 19.4 lacs as annual recurring cost for implementing various environmental protection measures.

- The PP has proposed an amount of Rs.45 Lacs spread over 3 years as 27 Lacs for 1<sup>st</sup> year, 11 Lacs for 2<sup>nd</sup> year and 7 Lacs for 3<sup>rd</sup> year under CSR as above. The expenditure on these activities shall be reflected in the books of account when presented for auditing of accounts. The proposal should contain provision for toilets for girls in nearby schools. The proposal should contain provision for monthly medical camps, distribution of medicines and improvement in educational facilities in the nearby schools. Detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for "Consent to Establish".
- vii Green belt/Landscapping should be developed in 1241.166Sq. Mt area ,as proposed.
- viii That the grant of this E.C. 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. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.
- For conservation of electricity and to reduce energy losses the management shall ensure that the electrical voltage is stepped down from 33 KV to 11 KV and distributed at this level and finally brought to 440 volts.
- The PP shall obtain approval of drawings of laying electrical lines from the concerned SE of RRVPNL/ JVVNL and comply with the provisions as per Terms and Conditions for Supply of Electricity-2004 of JVVNL.
- xi The PP shall full fill the requirements of energy regulatory commission.
- All energy saving measures proposed by the PP should be implimented before the project is put into use.
- xiii Road width and bend should be adequate for easy movement of fire fighting vehicles.
- The P.P. shall ensure taking necessary steps on urgent basis to improve the living conditions of the labour at site. The proposed Budgetary provision of Rs16,75,000 as capital cost and Rs.143000 as running expense per month shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as health facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants. The housing may be in the form of temporary structures to be removed after the completion of the project. Details of provisions should be submitted to RPCB at the time of obtaining CTE.
- xv The drains should be of adequate capacity and be lined till the final disposal points.
- As proposed the entire waste water during the construction phase should be discharged through the Septic tank followed by soak pit and during post construction phases STP of capacity 300 KLD of SBR technology. The construction of the STP should be carried out simultaneously with that of the project and the STP should be functional before the project is put into use.
- All required sanitary and hygienic measures shall be in place before starting construction activities. The safe disposal of waste water and solid waste generated during the Construction phase shall be ensured.
- xviii All the laborers engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.
- xix All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.
- Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking necessary precautions for general safety and health aspects of the people, only at approved sites with the approval of competent authority.
- Soil and ground water samples will be tested to ascertain that there is no threat to the ground water quality by leaching of heavy metals and other toxic contaminants.

Construction spoils, including bituminous material and other hazardous materials must not be xxii 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 and post construction phase shall be of low-sulphurxxiii diesel type and shall conform to Environment (Protection) Rules for air and noise emission

standards.

Vehicles hired for bringing construction material and laborers to the site shall be in good. xxiv conditions and shall conform to applicable air and noise emission standards and shall be operated during non-peak/approved hours. XXV

Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be closely monitored

during construction phase.

Fly ash shall be used as building material in the construction as per the provisions of Fly Ash xxvi notification of September, 1999 and amended as on August, 2003.

Ready mixed concrete shall be used in building construction.

NOC shall be obtained from National State Disaster Management Authority, wherever xxviii applicable.

Provision for storm water harvesting and its re-use as per CGWA and BIS standards for xxix various applications should be implemented before the project is put into use.

Guidelines issued by concerned Ministry for water scarce areas may be followed. XXX

Water demand during construction shall be reduced by the use of pre-mixed concrete, curing xxxi agents and other best practices. In place of fresh water, effort should be made to use treated waste water from nearby areas.

Total domestic water requirement shall not exceed 20 KLD construction stage and 346 KLD xxxii post construction phase, obtained from PHED, as proposed. The necessary permission of water supply from PHED should be submitted to RSPCB at the time of applying for CTE.At the time of appliying for CTE the PP should get it confirmed from RSPCB that no illigal borewell exist in the proposed site.

Building Plan should be got approved from the competent Authority and the construction xxxiii should be as per the approved building plan and as per applicable provisions in NBC.

The P.P. should ensure compliance of the order of the Hon'ble Rajasthan High Court, Jodhpur, XXXIV in D. B. Civil writ petition no. 1536 of 2003 in the matter of Abdul Rahman vs. State of Rajasthan and others.

Adequate measures shall be taken to reduce air and noise pollution during construction as per XXXV CPCB norms.

Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators **XXXV**i of pressure reducing devices or sensor based control.

xxxvii Use of glass may be reduced by up to 40% to reduce the electricity consumption and load in air-conditioning. If necessary, use high quality double glass with special reflective coating windows.

xxxviii Roofing should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.

Opaque walls shall meet prescriptive requirement as per Energy Conservation Building Code **XXXIX** for all air-conditioned spaces, whereas, for non-air-conditioned spaces, by use of appropriate thermal insulation material to fulfill the requirement.

Provision of solar water heating /chilling/street lighting etc shall be explored and implemented. x1

Review and revise the requirement of DG set capacities for 100% power back up through xli optimization of power back up in case of power failure and emergency. xlii

A First Aid Room should be provided at the project site, both, during construction and operation phase of the project.

Any hazardous waste generated during construction phase shall be disposed off as per xliii applicable rules and norms with necessary authorization of the RPCB.

The approval of the competent authority shall be obtained for structural safety of the building xliv due to earthquake, adequacy of fire fighting equipments, etc as per National Building Code 2005 including protection measures from lightening etc.

Regular supervision of the above and other measures for monitoring shall be in place xlv

throughout the construction phase, so as to avoid nuisance to the surroundings.

During construction phase and Post construction / operation phase of the project, the project xlvi proponent shall be responsible for implementation of EIA/EMP. Commitment of proponent in this regard shall be submitted to RPCB at the time of applying for CTE.

The project proponent shall fulfill in letter and spirit, all the commitments given/submitted to xlvii

the SEAC office.

#### **OPERATION PHASE** II

- i 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.
- ii Adequate measures shall be taken to prevent odor from solid waste processing and STP.

iii Proper system of channelizing excess storm water shall be provided.

iv Rain Water harvesting (RWH) for roof top run-off and surface run-off, as planned shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The Rain Water Harvesting plan shall be as per GoI manual.

v The proposals on the energy conservation measures confirming to energy conservation norms

finalized by Bureau of Energy Efficiency shall be implemented.

vi The power factor shall be maintained near unity.

vii Application of solar energy shall be incorporated for 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 shall be provided.

viii Traffic congestion near the entry and exit points from the roads adjoining the proposed project site

must be avoided. Parking shall be fully internalized and no public space shall be utilized.

ix Regular and periodic mock drills shall be undertaken by the fire department at least once in a year. x The D. G. sets to be operated with stack height as per EP Act, 1986 along with acaustic elclosure.

xi Incremental pollution loads on the ambient air quality noise and water quality shall be periodically

monitored after commissioning of the project and report to be submitted to RPCB.

xii The solid waste generated shall be properly collected & segregated before disposal to the City Municipal Facility. The in-vessel bio-conversion technique may be used for composting the organic

xiii Any hazardous waste including biomedical waste shall be disposed of as per applicable Rules & norms with necessary approvals of the Rajasthan State Pollution Control Board.

xiv 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 proposed open space inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.

xv Trees and shrubs of local species shall be planted to allow habitat for birds with appropriate distance

from the boundary.

xvi The SEIAA, Rajasthan reserve the right to add new conditions, modify/ annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status report of the project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow, SEIAA, Rajasthan & RPCB, Jaipur.

### GENERAL CONDITIONS

1. The environmental safeguards contained in Form 1-A shall be implemented in letter and spirit.

2. Six monthly monitoring reports shall be submitted to Rajasthan and Rajasthan State Pollution Control Board.

- 3. Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full cooperation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the DoE, Rajasthan and Rajasthan State Pollution Control Board.
- In case of any change(s) in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan.
- 5. The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act-1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

6. All the other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority.

7. The PP shall ensure advertising in at least two local news papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and the Rajasthan State Pollution Control Board and may also be seen on the website of the Board at www.rpcb.nic.in. The advertisement shall be made within 7(seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(S) of the Board.

These stipulations would also be enforced amongst the others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification' 06.

- 9. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental
- 10. Environment clearance is subject to final order of the Honb'le Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition(Civil) No. 460 of the year 2004 as may be applicable to this project.

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.

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 Pollution Control Board, Jaipur.

6. Secretary, SEAC Rajasthan.

7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow-226 020.

8. Environment Management Plan- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

9. Nodal Officer (Departmental 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)