

Received on date 6/4/2017

State Level Environment Impact Assessment Authority, Rajasthan
4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

No. PI (4)/SEIAA/SEAC-Raj/SectII/Project// Cat.8(a) (15214)/16-17 Jaipur, Dated: **13.1 MAR 2017**

To,
M/s ABP Affordable Housing,
Add - 220-A, Santosh Nagar,
Gopalpura Bypass,
Jaipur, Rajasthan-302019.

Sub: Environmental Clearance for proposed EWS/LIG housing project "Vasundhra Kutumb" at khasra No. 78/2111, 79, 79/1, 80, 81, 82/2112, 83, 87, 164/2117, 168, 169, 171, 172, 173, 174/1, 175/1, 176/1 Village-Bilwa Kalan, Tehsil-Sanganer, District-Jaipur (Rajasthan)

This has reference to your application dated 14.12.2016 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Appraisal Committee Rajasthan, in its meeting held on 1.02.2017

2. Brief details of the Project:

Category / Item no. (in Schedule):	Cat.8(a)																						
Location of Project	Khasra No 78/2111 79, 79/1, 80, 81, 82/2112, 83, 87, 164/2117, 168, 169, 171, 172, 173, 174/1, 175/1, 176/1 Village Bilwa Kalan, Tehsil - Sanganer, District - Jaipur (Rajasthan)																						
Project Details	<table border="1"> <thead> <tr> <th>Items</th><th>Details</th></tr> </thead> <tbody> <tr> <td>Project Name</td><td>Proposed Affordable "EWS/LIG" Housing Project "VASUNDHRA KUTUMB"</td></tr> <tr> <td>Location</td><td>Khasra No 78/2111 79, 79/1, 80, 81, 82/2112, 83, 87, 164/2117, 168, 169, 171, 172, 173, 174/1, 175/1, 176/1 Village Bilwa Kalan, Tehsil - Sanganer, District - Jaipur (Rajasthan)</td></tr> <tr> <td>Type of Project</td><td>Affordable Group Housing Project</td></tr> <tr> <td>Total Site Area</td><td>41506.82 sq. m</td></tr> <tr> <td>Area under Facility</td><td>1944.65 sq. m</td></tr> <tr> <td>Area under service road</td><td>2613.69 sq. m</td></tr> <tr> <td>Net Plot Area/Effective Plot Area</td><td>36948.48 sq. m</td></tr> <tr> <td>Total Built up area</td><td>120561.02 sq. m (F.A.R - 92988.69 sq. m + Non F.A.R - 27572.33 sq. m)</td></tr> <tr> <td>F.A.R.</td><td>Permissible: 93390.14 sq. m. (2.25 %) Proposed: 92988.69 sq. m (2.24 %)</td></tr> <tr> <td>Ground Coverage</td><td>Permissible: 18474.24 sq. m. (50.00 %) Proposed: 12197.20 sq. m. (33.01 %)</td></tr> </tbody> </table>	Items	Details	Project Name	Proposed Affordable "EWS/LIG" Housing Project "VASUNDHRA KUTUMB"	Location	Khasra No 78/2111 79, 79/1, 80, 81, 82/2112, 83, 87, 164/2117, 168, 169, 171, 172, 173, 174/1, 175/1, 176/1 Village Bilwa Kalan, Tehsil - Sanganer, District - Jaipur (Rajasthan)	Type of Project	Affordable Group Housing Project	Total Site Area	41506.82 sq. m	Area under Facility	1944.65 sq. m	Area under service road	2613.69 sq. m	Net Plot Area/Effective Plot Area	36948.48 sq. m	Total Built up area	120561.02 sq. m (F.A.R - 92988.69 sq. m + Non F.A.R - 27572.33 sq. m)	F.A.R.	Permissible: 93390.14 sq. m. (2.25 %) Proposed: 92988.69 sq. m (2.24 %)	Ground Coverage	Permissible: 18474.24 sq. m. (50.00 %) Proposed: 12197.20 sq. m. (33.01 %)
Items	Details																						
Project Name	Proposed Affordable "EWS/LIG" Housing Project "VASUNDHRA KUTUMB"																						
Location	Khasra No 78/2111 79, 79/1, 80, 81, 82/2112, 83, 87, 164/2117, 168, 169, 171, 172, 173, 174/1, 175/1, 176/1 Village Bilwa Kalan, Tehsil - Sanganer, District - Jaipur (Rajasthan)																						
Type of Project	Affordable Group Housing Project																						
Total Site Area	41506.82 sq. m																						
Area under Facility	1944.65 sq. m																						
Area under service road	2613.69 sq. m																						
Net Plot Area/Effective Plot Area	36948.48 sq. m																						
Total Built up area	120561.02 sq. m (F.A.R - 92988.69 sq. m + Non F.A.R - 27572.33 sq. m)																						
F.A.R.	Permissible: 93390.14 sq. m. (2.25 %) Proposed: 92988.69 sq. m (2.24 %)																						
Ground Coverage	Permissible: 18474.24 sq. m. (50.00 %) Proposed: 12197.20 sq. m. (33.01 %)																						

Maximum Height	33.80 m (up to lift level & Mumty level)																
Number of Floors	Ground floor + 9 Upper Floors + Terrace & Mumty																
Total Number of Dwelling Units	Total 2696 Units (E.W.S-1360 & LIG-1336)																
Parking Facilities	Required Parking – 4032 Two wheelers Proposed Parking – 4039 Two wheelers + 37 Car Parking																
Power Requirement & Source	Connected Load=5789 KW Operating / Essential Load=3010 KW It will be sourced from JVVNL																
Power Backup	1 D.G. sets of capacity 250 KVA																
Water Requirement & Source	Water requirement will be 1242 KLD Fresh: 886 KLD Recycled Water: 356 KLD																
Sewage Treatment & Disposal	Sewage treatment facility: STP of 1100 KLD capacity ~~Sewage discharge:~~ No untreated sewage will be discharged outside the project site. The sewage water will be treated and utilized for flush in Green area irrigation. The project will be zero-discharge project. Effluent discharge: No waste or treated water will be discharged outside the project site; the project will be zero-discharge project.																
Estimated Population	Total Population:14828 Persons Residential : 13480 persons Floating: 1348 persons																
Connectivity	The project is connected with 30 m wide roads.																
Green-area	Total Green area 6292.88 sq. m (17.03 % of plot area)																
Project Cost	- Project Cost: 135 Crore - ESR/CSR Cost: 40.00 Lacs - Budgetary allocation for Labour: 9.0 lacs <table><tr><th colspan="4">EMP Cost</th></tr><tr><th colspan="2">Construction Phase</th><th colspan="2">Operation Phase</th></tr><tr><th>Approximate Cost (Lacs)</th><th>Recurring Cost (Lacs)</th><th>Approximate Cost (Lacs)</th><th>Recurring Cost (Lacs)</th></tr><tr><td>48.00</td><td>20.00</td><td>97.50</td><td>21.00</td></tr></table>	EMP Cost				Construction Phase		Operation Phase		Approximate Cost (Lacs)	Recurring Cost (Lacs)	Approximate Cost (Lacs)	Recurring Cost (Lacs)	48.00	20.00	97.50	21.00
EMP Cost																	
Construction Phase		Operation Phase															
Approximate Cost (Lacs)	Recurring Cost (Lacs)	Approximate Cost (Lacs)	Recurring Cost (Lacs)														
48.00	20.00	97.50	21.00														

4.	Parking	Particulars	No of Units	Parking Required	Parking Prov
		EWS Parking (@ 1 Two Wheeler /Unit)	1360	1360 Two wheelers	1360 Two wheelers
		LIG Parking (@ 2 Two Wheeler /Unit)	1336	2672 Two wheelers	2672 Two wheelers
		Commercial Area (ECU/50 sq.m.)	1058 sq.m.	21 ECS/ 63 Two wheelers	22 ECS/ 66 Two wheelers
		Additional Car Parking	-	-	15 ECS/Cars
		Grand Total	2696	4032 Two wheelers + 21 Cars	4039 Two wheelers + 37 Cars

5. Project Cost: Project Cost: 135 Crore

6. Water Requirement per day & Water requirement will be 1242 KLD
Fresh: 886 KLD
Recycled Water: 356 KLD

Wd

		6	Construction & maintenance of toilets Govt. Primary School, Khera Jagannathpura; Govt. Sec. School, Bilwa Kallan; Govt. Sr. Sec. School, Rampura;	3.30	1.10	1.10	5.50
		7	Renovation of class rooms Govt. School, Ramchandrapura and in Govt. School, Sitapura;	3.90	1.30	1.30	6.50
		8	Water Coolers for drinking water facility in Govt. School, Bilwa Kallan; Govt. upper primary School, Khera Jagannathpura; Govt. Sec. School, Vidhani and Water Coolers for drinking water facility at Kalyanpura Bus Stop stand, Govt. Hospital Bilwa Kallan etc.	4.80	1.60	1.60	8.00
		TOTAL		24.00	8.00	8.00	40.00
				Lacs	Lacs	Lacs	Lacs
10.	STP	STP of 1100 KLD					
11.	Green Belt/ Plantation area and % of total area in sq. mts.	Total Green area sq. m. – 6292.88 sq. m (17.03 % of plot area)					
12.	Budgetary Breakup for Labour.	Rs. 9.00 Lacs					
		Particular					Budget (in Lacs)
		Rest Shelters for labours					1.00
		Sanitation facility (6 Toilets & 2 bathrooms)					1.50
		Education for labours children's & Creche facility for children's of female labors.					2.50
		Safe drinking water facility					1.50
		Periodical medical checkups/ Health facility of labours					2.00
		First aid facility at site					0.50
		Total (in Lacs)					9.00

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 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

1. CONSTRUCTION PHASE

1. The PP should submit a certificate/Letter regarding the built-up area constructed from JDA/UIT/PWD/RIICO to RSPCB at the time for applying for CTE and/or CTO.
2. Consent to Establish shall be obtained from RPCB before start of any construction work related to proposed project at the site.
3. The PP shall obtain a "No objection certificate for height clearance for the envisaged level from the Airports Authority of India.
4. No Mobile tower shall be installed.
5. As committed, the PP shall earmark and spend following amount on various environmental protection measures and implementation of various activities under Environmental Management Plan-

	Source	Source: PHED Department																																																												
7.	Fuel & Energy:-	Connected Load=5789 KW Operating / Essential Load=3010 KW It will be sourced from JVVNL																																																												
8.	Environment Management Plan with budgetary provision.	During Construction Phase: • Approximate cost: Rs. 48.00 Lacs • Recurring Cost:Rs. 20.00 Lacs <table><tr><th>S. NO.</th><th>Description of EMP during Construction Phase</th><th>Approximate Cost (Rs in Lacs)</th><th>Recurring Cost (Rs in Lacs)</th></tr><tr><td>1</td><td>Water for Dust suppression</td><td>10.00</td><td>5.0</td></tr><tr><td>2</td><td>Waste Water Management</td><td>9.00</td><td>2.50</td></tr><tr><td>3</td><td>Air, Noise, Soil, Water Monitoring</td><td>3.50</td><td>2.50</td></tr><tr><td>4</td><td>PPE for workers & Health Care</td><td>5.50</td><td>3.50</td></tr><tr><td>5</td><td>Green Belt Development</td><td>15.00</td><td>5.00</td></tr><tr><td>6</td><td>Others</td><td>5.00</td><td>1.50</td></tr><tr><td colspan="2">Total</td><td>48.00</td><td>20.00</td></tr></table> During Operational Phase: • Approximate cost: Rs. 97.50 Lacs • Recurring Cost:Rs. 21.00 Lacs <table><tr><th>S. NO.</th><th>Description of EMP during Operation Phase</th><th>Approximate Cost (Rs in Lacs)</th><th>Recurring Cost (Rs in Lacs)</th></tr><tr><td>1</td><td>Waste Water management (Sewage Treatment Plant)</td><td>70.00</td><td>7.50</td></tr><tr><td>2</td><td>Solid Waste Management</td><td>10.00</td><td>5.00</td></tr><tr><td>3</td><td>Green Belt Development</td><td>10.00</td><td>5.00</td></tr><tr><td>4</td><td>Monitoring for Air, Water, Noise & Soil</td><td>4.50</td><td>2.50</td></tr><tr><td>5</td><td>Others</td><td>3.00</td><td>1.0</td></tr><tr><td colspan="2">Total</td><td>97.50</td><td>21.00</td></tr></table>	S. NO.	Description of EMP during Construction Phase	Approximate Cost (Rs in Lacs)	Recurring Cost (Rs in Lacs)	1	Water for Dust suppression	10.00	5.0	2	Waste Water Management	9.00	2.50	3	Air, Noise, Soil, Water Monitoring	3.50	2.50	4	PPE for workers & Health Care	5.50	3.50	5	Green Belt Development	15.00	5.00	6	Others	5.00	1.50	Total		48.00	20.00	S. NO.	Description of EMP during Operation Phase	Approximate Cost (Rs in Lacs)	Recurring Cost (Rs in Lacs)	1	Waste Water management (Sewage Treatment Plant)	70.00	7.50	2	Solid Waste Management	10.00	5.00	3	Green Belt Development	10.00	5.00	4	Monitoring for Air, Water, Noise & Soil	4.50	2.50	5	Others	3.00	1.0	Total		97.50	21.00
S. NO.	Description of EMP during Construction Phase	Approximate Cost (Rs in Lacs)	Recurring Cost (Rs in Lacs)																																																											
1	Water for Dust suppression	10.00	5.0																																																											
2	Waste Water Management	9.00	2.50																																																											
3	Air, Noise, Soil, Water Monitoring	3.50	2.50																																																											
4	PPE for workers & Health Care	5.50	3.50																																																											
5	Green Belt Development	15.00	5.00																																																											
6	Others	5.00	1.50																																																											
Total		48.00	20.00																																																											
S. NO.	Description of EMP during Operation Phase	Approximate Cost (Rs in Lacs)	Recurring Cost (Rs in Lacs)																																																											
1	Waste Water management (Sewage Treatment Plant)	70.00	7.50																																																											
2	Solid Waste Management	10.00	5.00																																																											
3	Green Belt Development	10.00	5.00																																																											
4	Monitoring for Air, Water, Noise & Soil	4.50	2.50																																																											
5	Others	3.00	1.0																																																											
Total		97.50	21.00																																																											
9.	CSR Activities	➤ ESR/CSR Cost: 40.00 Lacs for 3 years <table><tr><th rowspan="2">Sr. No.</th><th rowspan="2">CSR Activities</th><th colspan="4">Cost (in Lacs)</th></tr><tr><th>1st Year (60%)</th><th>2nd Year (20%)</th><th>3rd Year (20%)</th><th>Total year (100%)</th></tr><tr><td>A.</td><td>Education Govt. Primary, Secondary and Senior Schools</td><td>9.00</td><td>3.00</td><td>3.00</td><td>15.00</td></tr><tr><td>1</td><td>Distribution of Education kit, books, stationery etc in Govt. Primary School, Jatawala; Govt. Sen. Sec. School, Lakhesra; Govt. School, Bilwa.</td><td>3.00</td><td>1.00</td><td>1.00</td><td>5.00</td></tr><tr><td>2</td><td>Distribution of furniture's like stool, table, almiras etc. in Govt. Sen. Sec. School Lakhesra; Govt. School Bilwa Kalan;</td><td>3.90</td><td>1.30</td><td>1.30</td><td>6.50</td></tr><tr><td>3</td><td>School support sport material in Govt. School, Sitapura; Govt. School Rampra;</td><td>2.10</td><td>0.70</td><td>0.70</td><td>3.50</td></tr><tr><td>B.</td><td>Health & Family Welfare in nearby area</td><td>3.00</td><td>1.00</td><td>1.00</td><td>5.00</td></tr><tr><td>4</td><td>Medical Health checkup camps</td><td>2.04</td><td>0.68</td><td>0.68</td><td>3.40</td></tr><tr><td>5</td><td>Blood Donation Camp</td><td>0.96</td><td>0.32</td><td>0.32</td><td>1.60</td></tr><tr><td>C.</td><td>Infrastructure Development</td><td>12.00</td><td>4.00</td><td>4.00</td><td>20.00</td></tr></table>	Sr. No.	CSR Activities	Cost (in Lacs)				1st Year (60%)	2nd Year (20%)	3rd Year (20%)	Total year (100%)	A.	Education Govt. Primary, Secondary and Senior Schools	9.00	3.00	3.00	15.00	1	Distribution of Education kit, books, stationery etc in Govt. Primary School, Jatawala; Govt. Sen. Sec. School, Lakhesra; Govt. School, Bilwa.	3.00	1.00	1.00	5.00	2	Distribution of furniture's like stool, table, almiras etc. in Govt. Sen. Sec. School Lakhesra; Govt. School Bilwa Kalan;	3.90	1.30	1.30	6.50	3	School support sport material in Govt. School, Sitapura; Govt. School Rampra;	2.10	0.70	0.70	3.50	B.	Health & Family Welfare in nearby area	3.00	1.00	1.00	5.00	4	Medical Health checkup camps	2.04	0.68	0.68	3.40	5	Blood Donation Camp	0.96	0.32	0.32	1.60	C.	Infrastructure Development	12.00	4.00	4.00	20.00		
Sr. No.	CSR Activities	Cost (in Lacs)																																																												
		1st Year (60%)	2nd Year (20%)	3rd Year (20%)	Total year (100%)																																																									
A.	Education Govt. Primary, Secondary and Senior Schools	9.00	3.00	3.00	15.00																																																									
1	Distribution of Education kit, books, stationery etc in Govt. Primary School, Jatawala; Govt. Sen. Sec. School, Lakhesra; Govt. School, Bilwa.	3.00	1.00	1.00	5.00																																																									
2	Distribution of furniture's like stool, table, almiras etc. in Govt. Sen. Sec. School Lakhesra; Govt. School Bilwa Kalan;	3.90	1.30	1.30	6.50																																																									
3	School support sport material in Govt. School, Sitapura; Govt. School Rampra;	2.10	0.70	0.70	3.50																																																									
B.	Health & Family Welfare in nearby area	3.00	1.00	1.00	5.00																																																									
4	Medical Health checkup camps	2.04	0.68	0.68	3.40																																																									
5	Blood Donation Camp	0.96	0.32	0.32	1.60																																																									
C.	Infrastructure Development	12.00	4.00	4.00	20.00																																																									

EMP Cost			
Construction Phase		Operation Phase	
Approximate Cost (Lacs)	Recurring Cost (Lacs)	Approximate Cost (Lacs)	Recurring Cost (Lacs)
48.00	20.00	97.50	21.00

6. An amount of INR 40 Lakhs spread over 3 years as Rs. 24 Lakhs for 1st year, Rs 8 Lakhs for 2nd year and Rs. 8 Lakhs for 3rd year should be spent under CSR as above. The expenditure on 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 of educational facilities in the nearby schools. The Detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for "Consent to Establish".
7. Green belt/Landscaping should be developed in 6292.88 sq. m (17.03 % of plot area), as proposed.
8. 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 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. ~~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.~~
9. 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.
10. The PP shall obtain approval of drawings of laying electrical lines from the concerned State Electricity Regulatory Commission (SERC) and comply with the provisions as per Terms and Conditions for Supply of Electricity-2004 of JVVNL.
11. The PP shall full fill the requirements of energy regulatory commission.
12. All energy saving measures proposed by the PP should be implemented before the project is put into use.
13. A preventive action plan (as part of conceptual plan) for earthquake resistance buildings as per NBC code specifically for zone 3,4,5 should submitted along with the form 1, form 1A and conceptual plan to RSPCB at the time of applying for CTE.
14. Road width and bend should be adequate for easy movement of fire fighting vehicles.
15. Proposals for provisions regarding accessibility to the various floors of the project and related parts for Divyang people should be provided.
16. Details of all the points mentioned at point no. 9 under energy conservation of form no. 1A will be explicitly taken care of.
17. The P.P. shall ensure taking necessary steps on urgent basis to improve the living conditions of labour at site. The proposed Budgetary provision of Rs. 9 Lakhs shall be made for the housing construction labor within the site with all necessary infrastructure and facilities such as housing facility, sanitation facility, fuel/preferably LPG 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.
18. The PP will comply with the provisions as per the Building and Other Construction Workers (Regulation of Employment & Condition of Service) Act 1996.
19. The STP should be so designed so that it can cater the minimal flow due to lesser occupancy in the project so as to bring the waste water quality as per the prescribed standards.
20. The drains should be of adequate capacity and be lined till the final disposal points.
21. 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 through STP of capacity 1100 Kld. 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. The STP should have separate hourly meter and energy meter.
22. The PP shall comply Construction & Demolition Waste Management Rules, 2016.

1 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.

11 the laborers engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.

11 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 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-sulphur 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 conditions and shall conform to applicable air and noise emission standards and shall be operated during non-peak/approved hours.

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 Notification of September, 1999 as amended from time to time.

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

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

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

Water demand during construction shall be reduced by the use of pre-mixed concrete, curing 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 1242 KLD (Fresh Water-886.00 KLD + Recycled Water-356.00 KLD), in post construction phase, as proposed. The necessary permission of water supply should be submitted to RSPCB at the time of applying for CTE. At the time of applying for CTE the PP should get it confirmed from RSPCB that no illegal bore well exists in the proposed site.

Building Plan should be got approved from the competent Authority and the construction 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, 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 CPCB norms.

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

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

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 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.

46. A First Aid Room should be provided at the project site, both, during construction phase of the project.
47. Any hazardous waste generated during construction phase shall be disposed of as per rules and norms with necessary authorization of the RPCB.
48. The approval of the competent authority shall be obtained for structural safety of building to earthquake, adequacy of firefighting equipment, etc. as per National Building Code including protection measures from lightening etc.
49. Regular supervision of the above and other measures for monitoring shall be in place during the construction phase, so as to avoid nuisance to the surroundings.
50. During construction phase and Post construction / operation phase of the project, the proponent shall be responsible for implementation of EIA/EMP. Commitment of the proponent in regard shall be submitted to RPCB at the time of applying for CTE.
51. The project proponent shall fulfill in letter and spirit, all the commitments given by SEAC office.

II OPERATION PHASE

1. An independent expert shall certify the installation of the Sewage Treatment Plant. The report in this regard shall be submitted to the RPCB, before the project is commenced. Discharge of treated sewage shall conform to the norms & standards of the State Pollution Control Board.
2. Adequate measures shall be taken to prevent odor from solid waste processing and storage.
3. Proper system of channelizing excess storm water shall be provided.
4. Rain Water harvesting (RWH) for roof top run-off and surface run-off, as per norms shall be implemented. Before recharging the surface run off, pre-treatment must be provided to remove suspended matter, oil and grease. The Rain Water Harvesting plan shall be as per norms.
5. The proposals on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency shall be implemented.
6. The power factor shall be maintained near unity.
7. Application of solar energy shall be incorporated for illumination of common areas and gardens and street lighting in addition to provision for solar water heating. A hybrid solar system for a portion of the apartments shall be provided.
8. Traffic congestion near the entry and exit points from the roads adjoining the project must be avoided. Parking shall be fully internalized and no public space shall be utilized for parking.
9. Regular and periodic mock drills shall be undertaken by the fire department at least once a year.
10. The D. G. sets to be operated with stack height as per EP Act, 1986 along with acoustical measures.
11. Incremental pollution loads on the ambient air quality noise and water quality shall be monitored after commissioning of the project and report to be submitted to RPCB.
12. The solid waste generated shall be properly collected & segregated before disposal at the Municipal Facility. The in-vessel bio-conversion technique may be used for organic waste.
13. Any hazardous waste including biomedical waste shall be disposed of as per applicable norms with necessary approvals of the Rajasthan State Pollution Control Board.
14. The green belt design along the periphery of the plot shall achieve attenuation factor of 10 dB(A) during the day and night noise standards prescribed for residential land use. The proposed landscape inside the plot shall be suitably landscaped and covered with vegetation of indigenous species.
15. Trees and shrubs of local species shall be planted to allow habitat for birds & animals at a distance from the boundary.
16. The SEIAA, Rajasthan reserve the right to add new conditions, modify/ amend/ and/or to revoke the clearance if implementation of any of the aforesaid condition/conditions is not satisfactory. Six monthly compliance statement shall be submitted to project along with implementation of environmental measures shall be submitted to Regional Office, Lucknow, SEIAA, Rajasthan & RPCB, Jaipur.

B 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 SEIAA, Rajasthan and Rajasthan State Pollution Control Board.
3. Officials of the RPCB, who would be monitoring the implementation of environmental measures shall be given full cooperation facilities and documents/data by the PP during the project.

etc set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the DoE, Jaipur 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. SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if 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 stipulated safeguard measures in a time bound and satisfactory manner.

Other statutory clearances such as the approvals for storage of diesel from the Chief Controller 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.

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.

The 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

Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it is found that construction of the project had been started without obtaining environmental clearance.

Environmental Clearance is subject to the specific condition that the PP shall obtain prior clearance from forestry and wild life angle including clearance from Standing Committee of the National Board of Wildlife if applicable. It is further categorically stated that grant of EC does not imply that forestry and wild life clearance shall be granted to the project and that their proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and Decision taken. The assessment made in the project, if any, based on environment clearance so granted, in anticipation of the clearance from forestry and wildlife angle shall be entirely at the cost and risk of the project proponent. The Ministry of Environment & Forests shall not be responsible in this regard in any manner.



(Rajesh Kumar Grover)
Member Secretary,
SEIAA, Rajasthan.

(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.8(a) (15214)/ 16-17

to following for information and necessary action:

- Secretary, Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
- Chief Secretary, Environment Department, Rajasthan, Jaipur.
- Mr. Alka Kala, Chairperson, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
- Mr. Sankatha Prasad, (IFS Retd.), 250, Gomes Defence Colony, Vaishali Nagar, Jaipur.
- 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.
- Secretary, SEAC Rajasthan.
- The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th floor, Sector 'H', Aliganj, Lucknow-226 020.
- Environment Management Plan- Division, Monitoring Cell, MoEF, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003.
- Programmer, Department of Environment, Government of Rajasthan, Jaipur with the direction to upload the copy of this environmental clearance on the website.

M.S. SEIAA (Rajasthan)