

**Minutes of the 4.16th A Meetings of the State Level Expert Appraisal Committee (SEAC),
(Raj.), held on 22nd July, 2019.**

The 4.16th A Meeting of the members of State Level Expert Appraisal Committee (SEAC), Rajasthan constituted for considering environmental clearance projects under GoI Notification dated 14.09.2006 was held on **22nd July, 2019** at **10:30 AM**, in the meeting hall of RPCB, Jaipur under the Chairmanship of **Sh. Manoj Kumar Agrawal**. The names of the members who attended the meeting are as follows:-

S. No.	Name	Designation	22.07.2019	23.07.2019
1	Sh. Manoj Kumar Agrawal	Chairman	Attended	Attended
2	Dr. Suja George	Vice Chairman	-	-
3	Sh. Pushakar Singh Shekhawat	Member	Attended	Attended
4	Sh. Mukesh Behari Sharma	Member	Attended	Attended
5	Sh. Laxmi Kant Dashora	Members	-	-
6	Sh. Buddhi Prakash Pareek	Member	Attended	Attended
7	Sh. Vikram Singh Chauhan	Member	Attended	Attended
8	Sh. Nand Kumar Khare	Co-opted Member, SEAC	Attended	Attended

The Secretary welcomed the members. The Secretary, SEAC informed the members that proposals of 5 projects (S. No. 01 to 5, Annexure A) were circulated vide meeting notice dated 16 July, 2019 with the permission of the Chairman.

The SEAC considered the following 5 projects as circulated.

Annexure A

S.N O.	SEAC .NO.	Project Name	Proponent Name
1.	15054	E C for Proposed Capacity Enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium carbide Plant (Acetylene from 90 TPD To 110 TPD) Throught Modernization within existing Project Premises at DCM Shriram Complex Kota, Shriram Nagar, Tehsil-Ladpura, Distt.- Kota Raj. by M/s Shriram Vinyl & Chemical Industries (A Unit of DCM Shriram Ltd.) - Regarding Submission of Final EIA &	Name of Proponent : - M/s Shriram Vinyl & Chemical Industries Add. DCM Shriram Complex Kota, Shriram Nagar, Teshil.- Ladpura Distt.- Kota, (Raj.) Email - naresh@dcmsriram.com Name of Consultant:- J.M. Environet Pvt. Ltd. Add. 202-A, ABW Tower, MG Road, IFFCO Chowk, SECTOR 25, Gurugram (HR) Email. jmenviron@hotmail.com

		EMP Report along with Point wise reply of ToR Letter. (Proposal No. 36467)	
2.	15514	E.C for our proposed EWS-LIG Group housing project "Mahal Aangan" (Violation Case) coming up at Khasra no. 1084, Vill.- Ramchandrapura, Tesil- Sanganer Distt.- Jaipur,(Net Plot Area: 6629.23Sq.m.and Gross built-up area:34773.57Sq.m.) (Proposal No. 109925)	Name of Proponent: - Mahal Aangan LLP,Authorized Signatory: Dhruv Dandia, Add.- 11, Lal Niwas Near Heera Bagh Flats Ram Singh Road, Jawahar Nagar, Jaipur (Raj.) Email – dhruvdandia@gmail.com Name of Consultant:- Enkay Enviro Services PVT.LTD. Jaipur, Add.- Corporate Officer Add.- 92 Heera nagar A, Near shalimar Bagh, Ajmer Road, Jaipur(Raj.) Email.- info@enkayenviro.com
3.	15015	"Urbana Jewels" formerly Known as "Narayan Infinity". Trademark Registration Certificate in support of "Urbana Jewels" is enclosed as Annexure-xv of Final EIA/EMP Report. (Silver Grading) (Proposal No. 38358)	Name of Proponent : - M/s Narayan Builders & Developers Authorized Signatory : Ashok Jain. Add.- "Urbana Jewels" SEZ road, opposite Muhana Mandi, Sanganer, Jaipur (Raj.) Email – ashok.jain@urbanajewels.com Name of Consultant -Enkay Enviro Services PVT.LTD. Jaipur Add.- Corporate Officer Add.- 92 Heera nagar A ,Nearshalimar Bagh, Ajmer Road, Jaipur(Raj.) Email.- info@enkayenviro.com
4.	15496	ToR Compliance for the issuance of Environment Clearance for our "Violation Project-Upvan- the garden City" Proposed EWS & LIG - Affordable Housing, Promoted by M/S Reverence Infrastructure India LLP. Proposal No-110685	Name of Proponent : - M/S Reverence Infrastructure India LLP,Add-A-28, Anita Colony, Bajaj Nagar,Jaipur,Rajasthan, Email-vivek.y@ashadeepgroup.com Name of the Consultant:- TEAM Institute of Science & Technology Pvt. Ltd. E-65, Chitranjan marg, , C-Scheme, Jaipur.Eamil-eia@teamtesthouse.com,
5.	15497	ToR compliance for the issuance of Environment Clearance for our "violation Project-Rudraksh-II" Proposed EWS & LIG-Affordable Housing, Promoted by M/s Renaissance Buildhome Pvt. Ltd. Proposal No-110642	Name of Proponent : - M/s Renaissance Buildhome Pvt. Ltd.Add-6D,Corporate tower, A-2, near Jawahar circle JLM Marg Jaipur, Email-ruudraksh.1234@gmail.com , Email-vivek.y@ashadeepgroup.com Name of the Consultant:- TEAM Institute of Science & Technology Pvt. Ltd. E-65, Chitranjan marg, , C-Scheme, Jaipur.Eamil-eia@teamtesthouse.com,

Agenda no. 1 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 5(e) B1 (15054)/ 2019-20

Project Name:- EC for Proposed Capacity Enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium carbide Plant (Acetylene from 90 TPD To 110 TPD) Through Modernization within existing Project Premises at DCM Shriram Complex Kota, Shriram Nagar, Tehsil- Ladpura, Distt.- Kota Raj. by M/s Shriram Vinyl & Chemical Industries (A Unit of DCM Shriram Ltd.) - Regarding Submission of Final EIA & EMP Report along with Point wise reply of ToR Letter. **(Proposal No. 36467)**

Project Proponent name-- M/s Shriram Vinyl & Chemical Industries Add. DCM Shriram Complex Kota, Shriram Nagar, Teshil.- Ladpura Distt.- Kota, (Raj.) Email - naresh@dcmsriram.com

Consultant Name- J.M. Environet Pvt. Ltd. Add. 202-A, ABW Tower, MG Road, IFFCO Chowk, SEctor 25, Gurugram (HR) **Email.** jmenviron@hotmail.com

Information as per Form- 1 and other documents submitted by Project Proponent.

1.	Category/ Item No. (in Schedule):	Category “B”; Project or Activity ‘5 (e)’					
2.	Location of Project	DCM Shriram Complex Kota, Shriram Nagar, Ladpura, Kota (Rajasthan)					
3.	Project Details Land use Break up	Total plant area: 791 Acre 33.1% (261.8 Acres) of the total plant area has already been developed under greenbelt / plantation.					
4.	Details of construction taken place at site (if any)	Plant along with other infrastructure facilities is already in existence. Expansion work will be started after obtaining Environmental Clearance, Consents and other clearance from respective concerned authorities/ boards.					
5.	Salient features regarding products and process in brief including Plant Capacity.	S. No.	Particular	Unit	Existing Capacity	Additional Capacity	Total Capacity after expansion
		1.	PVC Resin	TPD	200	50	250
				TPA	73000	18250	91250
		2.	Acetylene	TPD	90	20	110
				TPA	32850	7300	40150
		3.	Calcium Carbide*	TPD	330	-	330
				TPA	120450	-	120450
		4.	Hydrated Lime sludge— By Product	TPD	350	60	410
				TPA	127750	21900	149650

		5.	Steam from waste heat recovery boiler–By Product	TPD	360	-	360		
				TPA	131400	-	131400		
Note :- *- No change in raw material consumption in Calcium Carbide plant as no change in calcium carbide production is proposed.									
6.	Raw Materials requireme nt (In case of more than one product Raw material for each product should be specified)	S. No.	Name of Raw Material	Quantity (TPD)			Source	Distance & Mode of Transportat ion	No. of trips per day & Loading Capacity
			Existing	Additional for Proposed Expansion	Total Capacity After Expansio n				
		A.	PVC Plant						
		1.	Acetylene Gas	90	20	110	From Calcium Carbide Plant	1000 m (Approx) Closed Pipe lines	Continuo us round the clock
		2.	HCl (30%)	425	105	530	From Caustic Soda Plant within the premises	200 m (Approx) Closed Pipe lines	Continuo us round the clock
		B.	Calcium Carbide Plant (for Acetylene production)						
		1.	Calciu m Carbide	270*	60	330	Within Plant	Within plant generation transfer to generator though conveyor	Continuo us round the clock
* Production capacity of Calcium Carbide is 330 TPD but currently excess carbide is packed & sold.									

7.	Solid waste /hazardous waste quantities and management	S. No.	Cat .	Waste Stream		Quantity of waste generated			Storage Capacity	Secured Storage & Environment friendly disposal
			Sch .	Cod e		Existi ng	Propos ed	Total After Expansi on		
		A. PVC PLANT								
		1.	I	5.1*	Used or Spent Oil (from different operations)	20 MTA	Nil	20 MT	20 MT	The used oil is being reclaimed in oil reclamation plant by centrifuging and filtration and again used in equipment. The left over used oil collected in a drum is sold to authorised/registered recyclers.
		2.	I	5.2*	Wastes or Residues Containin g Oil	10-15 kg /Annu m	Nil	10-15 kg/Annu m	-	Oil soaked cotton waste from maintenance activities is being obtained. It is stored in MS/PVC drums and incinerated in Kiln.
		3.	I	22.1	Spent catalysts –Plastic Production	120 MTA	30 MTA	150 MTA	20 MT	Spent carbon catalyst containing mercury is generated. It is collected in PVC/HDPE containers and stored in a facility having covered shed. The collected spent catalyst is sold to authorized/registered recycler.
		4.	I	22.2	Process Residues-Plastic Production	166 MTA	41 MTA	207 MTA	20 MT	Process residue (mainly toluene) is generated It is collected in closed process vessel and then transferred in MS drums before sale to

									authorized/registered recyclers. The filled-in drums are stored in a covered shed.	
		5.	I	33.1*	Empty Barrels / Containers Contaminated with Hazardous Chemicals/Wastes	80-100 Nos./Annum	20-25 Nos/Annum	100-125 Nos./Annum	1000 Nos.	The empty containers of oil, catalyst and/or chemicals are generated and it is reused for packaging of hazardous waste before sale.
		B. CALCIUM CARBIDE PLANT								
		1.	I	5.1	Used Oil	5 TPA	Nil	5 TPA	20 MT	The used oil is being reclaimed in oil reclamation plant by centrifuging and filtration and again used in equipment. The left over used oil collected in a drum is sold to authorised/registered recyclers
		2.	I	5.2	Waste/Residue Containing Oil	10-15 kg/Annum	Nil	10-15 kg/Annum	-	Oil soaked cotton waste from maintenance activities is being obtained. It is stored in MS/PVC drums and incinerated in Kiln.
		3.	I	33.1	Empty discarded container of hazardous chemicals	20-22 Nos./Annum	Nil	20-22 Nos./Annum	1000 Nos.	The empty containers of oil, catalyst and/or chemicals are generated and it is reused for packaging of hazardous waste before sale.
		Note - *- Common authorization & storage facility for entire DCM Shriram, Kota Complex.								
8.	Use of	Hazardous waste which is /will be generated is given to the authorized vendor								

	substances or materials which are hazardous	approved by CPCB/RPCB for further recovery / Recycle.																																							
9.	Project Cost	Total Project Cost after expansion 254.29 Crores (Cost of Expansion-32.3 Crores)																																							
10.	Water Requirement & Source	<p>Existing water requirement for the plant is 9140 KLD (Fresh Water 8390 KLD + Recycle Water 750 KLD); no additional water will be required for expansion of production capacity of existing PVC unit and Calcium carbide plant by modernization. Thus, the total water requirement after expansion will be the same as existing.</p> <p>The source of water is RMC Division of Command Area Development (CAD) through the Right Main Canal (RMC) of Chambal River throughout the year. The company has common water supply agreement with State Government for the entire complex which is valid till 25.06.2022.</p> <table><tr><th rowspan="3">Purpose</th><th colspan="3">Water Requirement (KLD)</th><th colspan="2">Source (KLD)</th></tr><tr><th colspan="2">Existing</th><th rowspan="2">Additional</th><th rowspan="2">Total after expansion</th><th rowspan="2">Total Fresh Water after expansion</th><th rowspan="2">Total Recycled Treated Water after expansion</th></tr><tr><th>Industrial Process Water</th><th>Domestic</th></tr><tr><td>PVC Plant</td><td>2685</td><td>15</td><td>Nil</td><td>2700</td><td>2390</td><td>310</td></tr><tr><td>Calcium Carbide</td><td>6415</td><td>25</td><td>Nil</td><td>6440</td><td>6000</td><td>440</td></tr><tr><td>Total</td><td>9100</td><td>40</td><td>Nil</td><td>9140</td><td>8390</td><td>750</td></tr></table> <p><i>Note:</i> 310 KLD Steam condensate is recycled back to process and balance 190 KLD sent to Waste Heat Recovery Boiler. 440 KLD of acidic scrubber water from PVC plant is used for neutralization of alkaline effluent of Carbide Plant.</p>					Purpose	Water Requirement (KLD)			Source (KLD)		Existing		Additional	Total after expansion	Total Fresh Water after expansion	Total Recycled Treated Water after expansion	Industrial Process Water	Domestic	PVC Plant	2685	15	Nil	2700	2390	310	Calcium Carbide	6415	25	Nil	6440	6000	440	Total	9100	40	Nil	9140	8390	750
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11.	Fuel & Energy	<p>Fuel: No fuel is required for the enhancement capacity of PVC Resin & Acetylene, as sufficient continuous power is available in DCM Shriram Complex to cater the requirements.</p> <p>Power: Existing power requirement is 57.63 MW and additional 0.87 MW is required for proposed expansion project. Total power requirement after proposed expansion project will be 58.50 MW, which will be sourced from Captive Power Plant located within DCM Shriram kota complex or RSEB.</p> <table><tr><th rowspan="2">S. No.</th><th rowspan="2">Particular</th><th colspan="3">Requirement (MW)</th><th rowspan="2">Source</th></tr><tr><th>Existing</th><th>Additional</th><th>Total after expansion</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					S. No.	Particular	Requirement (MW)			Source	Existing	Additional	Total after expansion																										
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		1.	PVC Plant	3.63 MW	0.75 MW	4.38 MW	Owned Captive Power Plant located within DCM Shriram kota complex and/or RSEB			
		2.	Calcium Carbide Plant	54.0 MW	0.12 MW	54.12 MW				
			Total	57.63 MW	0.87 MW	58.50 MW				
12.	Application No. & Date & documents submitted	SEAC File no. : 15054 Submission of ToR Application to State Environment Impact Assessment Authority (SEIAA), Rajasthan : 19.07.2018								
13.	Environment Management Plan along with Budgetary breakup	Environment Management Plan for the project has been prepared and a detailed budgetary allocation for EMP as capital cost of Rs. 56 lacs and for recurring cost of Rs. 23 Lacs. The expansion will be done in a phased manner and accordingly the amount on environment management will be spent.								
		S. No.	Particular	Responsibility		Capital Cost (Lacs)	Recurring Cost / annum(Lacs)			
		1.	Air Pollution Control	Project Proponent		50.0	5.0			
		2.	Water Pollution Control and Rain Water Harvesting Measures	Project Proponent		4.5	5.0			
		3.	Environment Monitoring and Management	Project Proponent		1.0	6.0			
		4.	Green Belt Development	Project Proponent		0.5	7.0			
			Total			56.0	23.0			
14.	CSR Activates along with budgetary breakup	An amount of Rs. 32.3 Lacs has been earmarked for Corporate Environment Responsibility (i.e CER) activities for next 5 years to handle the socio-economic influence on the local community as per MOEFCC OM vide no. F. No. 22-65/2017-IA.III dated 1st May, 2018								
		BUDGET ALLOCATION FOR PROPOSED CER/ CSR ACTIVITIES								
		S. No .	Heads	Year wise Budget (INR in Lakhs)					Proposed Initiatives	
				I	II	I I I	I V	V		Tota l
		1.	Preventive Healthcare & Sanitation: Constructio	7.3	10	-	-	-	17.3	Construction/ renovation of toilets in following Govt. Schools within an area of 10 kms of our manufacturing complex at Kota (Rajasthan):

			n/ renovation of toilets in all Govt. Schools of Kota District							<ol style="list-style-type: none"> Govt. Upper Primary School, Kansua Govt. Upper Primary School, Prem Nagar - III Govt. Upper Primary School, Prem Nagar Govt. Upper Primary School, Sanjay Nagar (Naveen) Govt. Upper Primary School, Sanjay Nagar Govt. Girls Secondary School, Udyog Nagar Govt. Girls Secondary School, Kansua Govt. Secondary School, Shriram Nagar Govt. Senior Secondary School, Indra Gandhi Nagar Govt. Girls Upper Primary School, Dhakhadkhedi
		2.	Education Vocational Skill & Livelihood: Agri-skill Projects	--	--	5	-	-	5	Agri-skill Projects for income enhancement & usage of advanced/ scientific agricultural techniques among farmers of village Baniyani & Jodhpura of Ladpura Block, Kota District
		3.	Environment Sustainability: Water conservation	--	--	-	5	-	5	Development of water conservation structure at village Shankarpura, Gram Panchayat Baniyani, Dist. Kota
		4.	Rural Development: Model village development	--	--	-	-	5	5	Enhancement of infrastructure (road construction, erection of street lights, empowerment of Primary Health Center/ Community Health Centre) at village Jodhpura, Ladpura Block, Dist. Kota
			Total	7.3	10	5	5	5	32.3	
15.	ETP	Sr. No.	WATER TREATMENT CAPACITY IN KLD							
			Particulars	Existing		Proposed		After		

						Expansion
		1	ETP Capacity	450 KL/hr (10800 KLD)	Nil	450 KL/hr (10800 KLD)
		2	STP Capacity	250 KLD	Nil	250 KLD
16.	Green Belt/Plantation	The Company has already developed 261.8 Acres; area under greenbelt / plantation out of total plant area of 791 Acre (i.e. ~33.1% of the total plant area).				
17.	Budgetary Breakup for Labour	Adequate facilities for labors i.e. Rest Shelters, Sanitation facility, Safe drinking water facility, Periodical medical checkups / Health facility of labors with ambulance and First aid facility etc are already available within the premises for the workers (including truck drivers) during construction & operational phase.				
18.	Manpower Requirement & Source	Existing manpower requirement for the PVC and carbide plant is 688 persons (including contractual), out of which, 313 are permanent employees; no additional manpower is required for the expansion project; thus, the total manpower requirement after expansion will remain same as existing.				
		S. No.	Particular	Existing	Additi onal	Total after expansion
				Contract Manpower	Permanent Manpower	
		1.	PVC Plant	75	112	Nil
		2.	Calcium Carbide Plant	300	201	Nil
		Total		375	313	Nil
19.	Baseline Monitoring & Study	The Environmental Baseline Study and data collection for air, water, noise and soil along with details of flora, fauna & socio-economic conditions within the study area the project have been done for Summer Season-2017, (March to May, 2017), was carried out by third party for Thermal power plant expansion project located within DCM Shriram Complex, Kota. SEAC recommenced to use the said baseline data for the proposed expansion of PVC plant & Carbide plant vide letter no. (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 7(d) B1 (15054)/18-19/8760 dated 06.03.2019 and for Proposed expansion of Cement Plant vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 7(d) B1 (15501)/ 18-19/8762, dated: 06 th March, 2019. However, to validate the same, one month additional baseline data has been collected for December, 2019 by JM Envirolab Pvt. Ltd., Gurugram (Haryana) (NABL/T/C/0884/17).				

Breif Background of the Project :

1. ToR was issued to the project as per the decision taken by the SEAC in 4.2nd meeting held on 16.10.2018 vide letter no. 8385 dated 20.11.18.
2. The PP vide letter dated 18.12.2018 requested for grant of EC on the basis of baseline data collected during the summer season of 2017 (March to May 2017) and preparation of the EIA and EMP report on the basis thereof.

3. The project was considered by the SEAC in its 4.5th meeting held on 26-28.12.2018. The SEAC considered the request of the PP made in the letter dated 18.12.2018 and decided to allow the PP to use base line data collected by him during March to May 2017.
4. Communication with PP to this effect was made vide letter no.8760 dated 6.3.19.
5. The PP has submitted EIA/EMP vide its letter dated 7.06.19 in compliance of the ToR letter issued by the SEAC.

Observations of the committee:-

The PP has applied for Proposed Capacity Enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium Carbide Plant (Acetylene from 90 TPD To 110 TPD) through Modernization within existing Project Premises at DCM Shriram Complex Kota, Shriram Nagar, Tehsil- Ladpura, Distt.- Kota Raj. The project covered under category 5 (e) i.e. petrochemical based processing project. The total area of the Complex is 791 Acre (320.103 ha.), out of which 9.48 Acre (3.83 ha.) for PVC plant and 21.84 Acre (8.83 ha.) for calcium carbide plant. The cost of expansion project is Rs. 32.30 Crore. The land for the project has been allotted by UIT, Kota to Delhi Cloth and General Mills Company Limited. The National Chambal Ghariyal Sanctuary is at the distance of 5.6 km in NW direction from the industrial premises. The total existing water requirement of Calcium Carbide and PVC plant is 9,140 KLD of which 8,390 KLD is fresh water and 750 KLD is treated water (recycled/ reused). The PP has informed that no additional fresh water would be required for proposed expansion and the water requirement for Acetylene plant would be met from the existing recycled water system. The source of fresh water of the Complex is Right Main Canal (RMC) of Chambal River. For treatment of entire effluent generated from all the existing units of the Complex, a centralized ETP of capacity 450 KL per hour (10800 KLD) is provided and for treatment of domestic waste water, a STP of 250 KLD capacity of Fluidized Media Reactor technology is provided. The PP, upon enquiry being made by SEAC, vide letter dated 22.07.2019, during presentation, submitted detailed breakup of CER activity, clarification of water balance and effluent balance of the project and revised budget allocation for conservation plan from Rs. 1lakh to Rs. 5 lakh for next five years. The PP has provided copy of the communication dated 20.06.2019 with the Deputy Conservator of Forest (Wildlife) Mukundra Hills National Park, informing that an amount of 370 Lakhs has been deposited as per the condition imposed by the MoEF & CC vide letter dated 25.03.2019. The SEAC also went through the report of compliance of conditions of ToR.

Resolution:

Keeping in view the information contained in the documents submitted by the PP and presentation made by the consultant of the PP before the SEAC and after detailed deliberations, the members resolved to recommend to SEIAA for the grant of EC to M/s Shri Ram Vinyl & Chemical industry (A unit of DCM Shri Ram Ltd.) for proposed capacity enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium Carbide Plant (Acetylene from 90 TPD To 110 TPD) through Modernization within existing Project Premises at DCM Shriram Complex Kota, Shriram Nagar, Tehsil- Ladpura, Distt.- Kota, Raj. **Project Name:-** EC for Proposed Capacity Enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium carbide Plant (Acetylene from 90 TPD To 110 TPD) through Modernization within existing Project Premises at

DCM Shriram Complex Kota, Shriram Nagar, Tehsil- Ladpura, Distt.- Kota Raj. by M/s Shriram Vinyl & Chemical Industries (A Unit of DCM Shriram Ltd.) - Regarding Submission of Final EIA & EMP Report along with Point wise reply of ToR Letter. **(Proposal No. 36467) Project Proponent name--** M/s Shriram Vinyl & Chemical Industries Add. DCM Shriram Complex Kota, Shriram Nagar, Teshil.- Ladpura Distt.- Kota, (Raj.) Email - naresh@dcmshriram.com
Consultant Name- J.M. Environet Pvt. Ltd. Add. 202-A, ABW Tower, MG Road, IFFCO Chowk, SEctor 25, Gurugram (HR), **Email.** jmenviron@hotmail.com, subject to the following conditions:

Specific conditions:

Statutory compliance:

1. The project proponent shall obtain clearance from the National Board for Wildlife.
2. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
3. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee.
4. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
5. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
6. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage, and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

Air quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carry out Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions etc.) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
4. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
5. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
6. Storage of raw materials etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

Water quality monitoring and preservation:

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD).
2. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
3. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
4. The quantity of effluent shall not exceed from existing quantity and the effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.

5. Total fresh water requirement shall not exceed from existing due to proposed expansion and same shall be met from Right Main Canal of Chambal River. No ground water shall be abstracted without obtaining prior permission from the concerned regulatory authority/ CGWA in this regard.
6. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate Conveyance system.
7. The project proponent shall practice rainwater harvesting to maximum possible extent.
8. The project proponent shall make efforts to minimize water consumption in the complex by segregation of used water, practicing cascade use and by recycling treated water.

Noise monitoring and prevention:

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

Energy Conservation measures:

The energy sources for lighting purposes shall preferably be LED based.

Waste management:

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
3. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material Substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapor recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

Green Belt:

The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

Human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
4. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places
7. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.111 dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.

The company shall have defined system of reporting infringements /deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
6. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Iron and Steel plants shall be implemented.

Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions), or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.

6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
16. Any appeal against this EC 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.

GENERAL CONDITIONS

1. 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.

2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.
4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow /Department of Ecology and Environment, Government of Rajasthan, Jaipur.
9. The above condition shall be enforced among 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, 2006, along with their amendments and rules.
10. The PP shall obtain prior clearance from forestry and wild Life angle including clearance from standing committee of National Board of Wild Life (if applicable). It is further categorically stated that grant of EC does not necessary imply that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life

angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.

11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.
14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
15. The ambient noise level should confirm to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.ss
16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

Agenda no. 2 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 8(a) (15514)/ 2019-20

Project Name:- E.C for our proposed EWS-LIG Group housing project “Mahal Aangan” (Violation Case) coming up at Khasra no. 1084, Vill.- Ramchandrapura, Tesil- Sanganer Distt.- Jaipur,(Net Plot Area: 6629.23Sq.m.and Gross built-up area:34773.57Sq.m.) **(Proposal No. 109925)**

Proponent name- Mahal Aangan LLP, Authorized Signatory: Dhruv Dandia, Add.- 11, Lal Niwas Near Heera Bagh Flats Ram Singh Road, Jawahar Nagar, Jaipur (Raj.) Email – dhruvdandia@gmail.com

Consultant Name- Enkay Enviro Services PVT.LTD.Jaipur Add.- Corporate Officer Add.- 92 Heera nagar A, Nearshalimar Bagh, Ajmer Road, Jaipur(Raj.) Email.- info@enkayenviro.com

Information as per Form- 1 and other documents submitted by the Project Proponent.

1.	Category / Item no.	Cat.8(a) as per EIA Notification, 2006 & subsequent amendments
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	(in Schedule):								
2.	Location of Project	Khasra no. 1084, Village Ramchandrapura, Tehsil- Sanganer, Jaipur, Rajasthan.							
3.	Project Details	S.N.	Particulars	Details					
		1.	Total plot area	Total Plot Area-9000.28 Sq.m.; Net Plot Area-6629.23 Sq.m.					
		2.	Gross Built up Area	34773.57 Sq.m.					
		3.	Permissible F.A.R.	24744.70 Sq.m.					
		4.	Proposed F.A.R.	29165.82 Sq.m.					
		5.	Permissible Ground Coverage	3314.61 Sq.m.					
		6.	Proposed Ground Coverage	1991.71 Sq.m.					
		7.	Permissible height	--					
		8.	Maximum height upto terrace level	44.94 Sq.m.					
		9.	Proposed Green Area	699.02 Sq.m.					
		10.	Total No. of Flat (1 BHK, 2 BHK etc.)	LIG-416 EWS-158					
		11.	Other facilities like swimming pool, club etc.	Commercial Area- 1153.80 Sq.m. Club House-584.11 Sq.m. (1 no.) Community Hall- 1(G)+1(1 st floor) No. of Shops-17(G)+04(UB)=21					
4.	Details of construction taken place at site	Till date No construction has been taken place. Excavation of 1651.81 sq.m. (9910.89 cu.m. say 3,50,000 cu.ft) area has been done for site preparation. Affidavit date of PP -03.07.2019 Affidavit date of Consultant -03.07.2019							
5.	Parking	Total Parking required : Parking required: 350 ECU Parking provided: 355 ECU							
		S. No.	Details	Cars	Two Wheelers	Total ECU	Basis of Parking for four wheeler (As per universal building by laws, 2017)	Basis of Parking for two wheeler (As per universal building by laws, 2017)	Total area provided
		1.	Open	2	157 (52)	54.33	12.5 Sq. m.	2 Sq. m.	339
		2.	Upper	15	524	189.66	12.5 Sq. m.	2 Sq. m.	1235.5

			Basement		(175)				
		3.	Lower Basement	0	328 (109.33)	109.33	12.5 Sq. m.	2 Sq. m.	656
		Details provided in Section II of Final EIA/EMP Report, page no. 76							
6.	Project Cost:	43.17 crores							
7.	Water Requirement per day & Source	Phase	Water demand	Expected Source					
		Construction	9 KLD	Tanker supply					
		Post construction phase	226 KLD (168 KLD fresh + 58 KLD treated waste water)	Fresh water: Ground water supply. Recycled water: Treated water from STP.					
8.	Fuel & Energy:-	Description							
		Source of supply		Will be met through JVVNL					
		Electrical Load		Connected load			1344.21 kW		
	Maximum Demand load			1344.21 kW					
	Essential load			694.23 kW					
		Transformer		Number			1		
	Capacity			1250 kVA					
		DG Sets		No. of DG sets			1		
	DG Capacity			Capacity: 140 kVA					
	Fuel Used			HSD (sulphur content: 0.05 %)					
	Fuel Consumption			Total 10 l/hr					
9.	Application No. & Date & documents submitted :-	Online Uploaded Documents: dated: 03.07.2019 Proposal No.- SIA/RJ/MIS/109925/2019 • Covering letter • Form-1 • Form-2 • Document of Final EIA/EMP Report • Conceptual Plan • Document of Risk Assessment • Survey of India Toposheet • Google map • KML file Hardcopy submitted : dated 05.07.2019							
10	Environment Management Plan with budgetary	S. No.	Particulars				Capital Cost (lacs)		Annual recurring cost (lacs)
		1	Acoustic enclosures & stack attached to DG sets				2		0.5

	provision.	2	STP	30	5															
		3	Rain water harvesting	8	1.5															
		4	Solid waste management	5	1															
		5	Pollution monitoring	5	1															
		6	Fire fighting & emergency handling	10	2															
		7	Green Belt	10	1															
		8	Training in the area of environment & occupational health.	1	1															
			TOTAL	71	13															
11	CER Activities	<p align="center"><u>CORPORATE ENVIRONMENT RESPONSIBILITY (CER)</u></p> <p>The project is committed towards CER with respect to its applicability as per the Office Memorandum F.No. 22-65/2017-IA.III dated May 1st 2018 by the MoEF&CC. The Corporate Environment Responsibility (CER) for the unit incurring capital investment of INR 43.17 Cr with an incremental Capital investment (below 100 cr.) is applicable as 2% of the project cost as maximum percentage for Greenfield Projects.</p> <p>Since it is a EWS-LIG Project, we are hereby proposing 1% of the project cost as the capital cost towards Corporate Environment Responsibility (CER) which amounts to Rs. 43 Lakhs.</p> <p>An effective action Plan for capital cost of Rs. 43 Lakhs is drafted, on the need based assessment that shall contribute fulfilling the social responsibilities as per the projects applicability with the CER:</p> <p align="center">PROPOSED CER ACTIVITIES</p> <table border="1"> <thead> <tr> <th rowspan="2">S. No.</th><th rowspan="2">Activity</th><th colspan="3">Capital Cost ^{# INR Lacs}</th><th rowspan="2">Total (Lacs)</th></tr> <tr> <th>Year I</th><th>Year II</th><th>Year III</th></tr> </thead> <tbody> <tr> <td>I.</td><td> Installation of commercial Water Purifier RO system for “<i>making safe drinking water available</i>” to School students of Government School at 1.03 km. (NNE). Installation of RO plant for clean drinking water : Rain water harvesting structures after consultation & permissions from, Block development authority and the <i>Gram Panchayat</i>: Cost of 1 structure (10 x 10 x 10) 10.0 sq.ft. With a depth of 10 feet = 2 Lacs. Total Cost of connection with strong drain </td><td>3.5</td><td>0.75</td><td>0.75</td><td>5.0</td></tr> </tbody> </table>				S. No.	Activity	Capital Cost ^{# INR Lacs}			Total (Lacs)	Year I	Year II	Year III	I.	Installation of commercial Water Purifier RO system for “ <i>making safe drinking water available</i> ” to School students of Government School at 1.03 km. (NNE). Installation of RO plant for clean drinking water : Rain water harvesting structures after consultation & permissions from, Block development authority and the <i>Gram Panchayat</i> : Cost of 1 structure (10 x 10 x 10) 10.0 sq.ft. With a depth of 10 feet = 2 Lacs. Total Cost of connection with strong drain	3.5	0.75	0.75	5.0
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			from the catchment = 2 Lacs				
		II.	<p>Green Belt development and Plantation for Ramchandrapura, Mahal Road within premises on the barren and vacant land area of school fields.</p> <ul style="list-style-type: none"> • Tree Plantation alongside the Boundary wall outside of the school, Govt. Hospitals. • Around the Habitation area Flower plants at various locations around the Habitations. 	1.0	1.0	1.0	3.0
		III.	<p>Installation of approx. 10 KW of Solar Panels Photo Voltaic On Grid Connection with Net Metering along with grid connecting facilitation :</p> <p>Government School 1.03 km. (NNE).</p> <p>Government Health Centre 1.23 km. (NNE).</p> <p>*The installation Solar Panels shall vary based on load capacity of the facility & Terrace utility facing sunshine.</p>	3.0	2.75	2.75	8.5
		IV.	<p>Distribution of Sanitary Napkins to 900 women beneficiaries to create awareness among the village women towards personal hygiene.</p>	0.8	0.6	0.6	2.0
		V.	<p>Aids to Disabled / specially challenged in the following ways in the study area:</p> <ul style="list-style-type: none"> • Electric repairs for hearing disability <p>Self sustainability to the study area incumbents with consultation of Gram Panchayat.</p>	2.0	1.75	1.75	5.5
		VI.	<p>Skill development for local area Self-sustainable Income generation activity for Electric repairs of Fans / Motors/ AC's / Coolers and electrical fittings etc.</p> <p>The local area women & youth will be trained by qualified Electrician in the study area</p>	3.0	3.0	3.0	9.0

		Beneficiaries : 450 An introductory tool kit will be given to all the workshop participants worth INR 1000/- in the study area.				
		VII. Assistance to Govt. schools in village Ramchandrapura – Providing computers, stationery items, school uniforms etc.	2.0	2.0	2.0	6.0
		VIII. Up-gradation of primary health care services/govt. dispensary (5.3km in NW) in the study area such as First-Aid, dressing rooms, Medical tools, part requirement of medicines etc.	1.5	1.25	1.25	4.0
		Total	16.8	13.1	13.1	43 Lakhs
12	STP	STP of capacity 160 KLD based on MBBR Technology				
13	Green Belt/ Plantation area and % of total area in sq. mts.	Area to be planted during operational phase: 699.02 Sq. m (10.55 %) No. of trees to be planted : 50				
14	Budgetary Breakup for Labour	Rs. 10 lakhs have been allocated for construction labour facilities				
15	Present status	No construction has been undertaken at site. The excavation of 1651.81 sq.m. (9910.89 cu.m. say 3,50,000 cu.ft) area has been done for site preparation.				

Background of the Project--

- 1) The project was considered by the SEAC for ToR, as a case of violation, in pursuance of the MoEF Notification dated 14.3.2017 and 8.3.2018, as additional agenda item no 71.20.1 to 71.20.22 in it's 4.7th meeting held on 28th – 31st January, 2019.
- 2) The PP has proposed for 34243.49 Sq.M. Gross built up area.
- 3) Since the PP has carried out excavation of soil of volume about 3,50,000 Cubic Mts at the site and has also admitted on record about this violation.
- 4) The SEAC after perusal of record and deliberations, in the light of notifications dated 14.3.2017 and 8.3.2018, concluded that it is a case of violation of the EIA Notification 2006.
- 5) Accordingly ToRs with Public Hearing and One Season EIA study were issued to the project vide SEAC letter no.8826 dated 7.3.19.

- 6) Against the aforesaid decision of ToR given to the violation cases of building projects SEAC/SEIAA received a number of representations requesting amendment in the ToR for exemption of public hearing and allowing one month's baseline data for preparation of EIA/EMP report instead of one season baseline data.
- 7) The representations received from PP's were considered by the SEAC in its 4.9th meeting held on 09-10 April, 2019 and after detailed deliberation the SEAC resolved to recommend to SEIAA to refer the issue to the MOEF & CC for clarification in the matter.
- 8) The SEIAA vide letter dated 02.05.2019 requested the MoEF & CC to provide clarification in respect to O.M.Z-11013/22/2017-IA.II(M) dated 16.03.2018. The MoEF & CC vide letter dated 10.06.2019 clarified the issue and stated as follows:
 " in view of the above, it is to inform that the projects covered under category 8(a) of the schedule of the EIA Notification which are in violation of the said notification are appraised by the ministry as per the provisions of the OM dated 16.03.2018 without the requirement of public hearing. One month baseline data is required for preparation of EIA/EMP report."
- 9) The SEAC considered the whole matter in the light of above clarification, in its 4.14th meeting held on 18-20 June, 2019 and resolved to amend the ToR issued in all such cases, providing for preparation of EIA/EMP reports without public hearing and requiring only one month base line data for the studies.
- 10) Accordingly a letter for amendment in ToRs to this project was issued vide SEAC letter no.9618 dated 8.7.19.
- 11) The PP has submitted compliance of ToR vide its letter dated 10.07.19.

Observations of the committee:-

The PP has applied for EC for proposed Mahal Aangan at Khasra no. 1084, Vill.- Ramchandrapura, Tesil- Sanganer Distt.- Jaipur (Rajasthan), under 8 (a) category i.e. Building and Construction project, as a case of violation in terms of EIA Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC. The total plot area is 6629.23Sq.m and gross built up area is 34773.57Sq.m. The cost of project is Rs. 43.17 Crore. The land for the project has been allotted by JDA to Mahal Aangan LLP. The total water requirement is 226 KLD in which 168 KLD fresh water and 58 KLD treated water (recycled/ reused). The source of fresh water is ground water supply. For treatment of waste water of 134 KLD, the PP has proposed STP of capacity 160 KLD based on MBBR technology. The PP has proposed to setup 1 DG set of 140 KVA capacity. The PP during presentation on 23.07.2019 has submitted reply of the queries made by SEAC on 22.07.2019. The PP with the reply has submitted details of excavation work carried out at the site, modified Damage Assessment & Remediation plan and Natural & Community Resource Augmentation plan, details of water balance, details of STP with proposal for UV filtration (for disinfection of STP treated water), revised CSR and revised building plan.

The PP stated that proposed project is a EWS-LIG Group Housing Project. The Net plot area of the project is 6629.23 Sq.m. and Gross Built up Area is 34773.57 Sq. meter. The excavation work at the site was started on 1st October, 2018, without obtaining prior EC from SEIAA, in violation of the provisions of the EIA Notification. Further it is stated that 80% of excavation work and preconstruction/site preparing work has been completed. In the Damage Assessment & Remediation plan and Natural & Community Resource Augmentation plan it is stated that the excavation work has resulted in slight damage to air environment, water environment, noise

environment, socio-economic environment etc. and has proposed remedial measures for the same. The PP in the report has proposed to spend an **amount of Rs. 7,60,000 /-** towards remediation plan and natural & community resource augmentation plan within a span of three years.

The PP during presentation on 23.07.2019 has also submitted a letter wherein it is stated that the project is an affordable housing project for economically weaker sections of the society and for low income group people under Chief Minister Aawas Yojana 2015. The PP in the letter has therefore requested to provide for corporate environment responsibility (CER) of not more than 1% of the project cost as the maximum limit of 2% CER of the project cost would increase the overall cost of the project and will put a burden on EWS/LIG clients. Further the PP has stated that Government is also granting incentives to such projects by lowering GST rate, stamp duty waiver of building plan charges and subsidy to buyers under Pradhan Mantri Jan Aawas Yojana. The SEAC considered the request in regard to CSR amount to be spent by the PP and found it justified. The SEAC considers it appropriate to ask the PP to spend 1% of the total project cost on CSR activity in place of maximum limit of 2% as provided in the OM dated 01.05.2018 by MoEF & CC.

The SEAC also noted the provisions of para 13(3) of the EIA Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC which provide that in cases of violation, action will be taken against the PP by respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection), Act, 1986 and further no consent to operate or occupancy certificate will be issued till the project is granted EC.

Resolution/ Recommendation :

The SEAC after taking into consideration the documents & additional documents submitted by the PP, presentation made by the consultant of PP and after detailed deliberations/ clarifications from the PP, resolved to recommend to SEIAA for grant of EC to the project, the details of which are mentioned above, after finalization of the quantum of amount, specified in the observations, for remediation plan and natural & community resource augmentation plan, by SEIAA and after ensuring deposition of bank guarantee of the finalized amount with the RSPCB as per the provisions of the Notification dated 14.03.2017 and 08.03.2018 by the PP, subject to the conditions mentioned hereinbelow:

The SEAC further resolved to recommend to SEIAA to ask the RSPCB to take action against the PP in terms of the Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC, in accordance of the provisions of section 19 of the Environment (Protection), Act, 1986.

Specific Conditions in terms of the Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC:

1. The PP shall allocate and spend an amount of Rs. 7,60,000 /- towards remediation plan and natural & community resource augmentation plan within a span of three years, as per the details given below:

Remediation Plan & Budgetary Provisions:

S. No.	Particulars	Remediation Budget (INR)
1.	Air Environment	Barricading of construction site = Rs.1,00,000 Tarpaulin sheet for construction site = Rs. 25,000 Plantation around periphery= Rs.10,000
2.	Land Environment	Plantation and stabilization of top soil= Rs. 30,000
3.	Noise Environment	Earplugs for labour= Rs. 20,000
4.	Socio-Economic Environment	Organizing health check-up camps in village Ramchandrapura- Rs. 45,000
5.	Water Environment	Construction of septic tank & soak pit = Rs. 45,000
6.	Biological Environment	Plantation and green belt development within premises= Rs.10,000
Total		Rs. 2,85,000/-

Total budget for Remediation Plan- Year Wise:

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	Air Environment	1,11,668	11,666	11,666	1,35,000
2.	Land Environment	10,000	10,000	10,000	30,000
3.	Noise Environment	6,668	6,666	6,666	20,000
4.	Socio-Economic Environment	15,000	15,000	15,000	45,000
5.	Biological Environment	3,334	3,333	3,333	10,000
	Total				2,85,000

Natural Resource Augmentation Plan- Year Wise:

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	Avenue Plantation (500 m) – 30 plants on each side of	10,000	10,000	10,000	30,000

	the road.				
2.	Maintenance of Avenue Plantation.	3,334	3,333	3,333	10,000
3.	Installation of solar street lights in village Ramchandrapura.	33,334	33,333	33,333	1,00,000
4.	One rain water harvesting in the nearby public place along with maintenance.	55,000	2,500	2,500	60,000
	Total				2,00,000

Community Resource Augmentation Plan- Year Wise:

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	Irrigation facilities to the small farmers in Village Ramchandrapura	20,000	20,000	20,000	60,000
2.	Toilet facilities in houses lacking proper sanitation facilities in Ramchandrapura	25,000	25,000	25,000	75,000
3.	Development of community public park	30,000	30,000	30,000	90,000
	Total				2,25,000

Economic Benefit derived due to violation:

Saving of interest on the cost of environment protection measures and other activities is approximately **Rs. 50,000 to be spent** for drinking water activity i.e. providing water cooler along with RO in nearby Govt. school/building.

Total budget for Remediation, Natural & Community Resource Augmentation Plan and Economic Benefit

S. No.	Particulars	Proposed Budget (INR)
1.	Remediation Plan	2,85,000
2.	Natural Resource Augmentation Plan	2,00,000
3.	Community Resource Augmentation Plan	2,25,000
4.	Economic Benefit Derived due to violation	50,000
Total		INR 7,60,000/-

2. The Remediation plan shall be completed in three years whereas the Bank Guarantee shall be for five years.
3. The Bank Guarantee deposited by the PP towards Remediation plan, Natural & Community Resources Augmentation Plan and the amount of economic benefit derived due to violation of EIA Notification with the RSPCB before grant of EC, shall be released after successful implementation of the Remediation plan and Community Resources Augmentation Plan only after the recommendation by the SEAC and approval of SEIAA.

Specific Conditions:

Construction Phase:

1. Consent to Establish shall be obtained from RPCB before start of any construction work related to proposed project at the site.
2. The PP shall obtain a “No objection certificate” for height clearance for the envisaged level from the Airports Authority of India.
3. No Mobile tower shall be installed.
4. Solar panels for common services areas shall be provided.
5. Provision for compost pit for dry leaves shall be provided.
6. Provision for drinking water supply for the residents from a legal source shall be made.
7. As envisaged, the P.P. shall invest the an amount of Rs. 71 lacs as capital cost and Rs. 13 lacs as annual recurring cost for implementing various environmental protection measure.
8. An amount of Rs. 43 lacs shall be spent over a period of 3 years on CER activities (Rs. 16.80 lacs in Ist Year, Rs. 13.10 lacs in IInd year & Rs. 13.10 lacs in IIIrd Year). 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. The detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for Consent to Establish/Consent to Operate. During construction phase and post construction / operation phase, the project 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/CTO.
9. Green belt/Landscaping should be developed in 699.02 sq.m. of total plot Area, as proposed.
10. 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 lies 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.
11. 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 or as per prescribed norms.

12. 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.
13. The PP shall fulfill the requirements of energy regulatory commission.
14. All energy saving measures proposed by the PP should be implemented before the project is put into use.
15. A preventive action plan (as part of conceptual plan) for earthquake resistance buildings as per NBC code specifically for zone 3,4, 5 should be submitted along with the **Form 1** , **Form 1A** and conceptual plan to RSPCB at the time of applying for CTE /CTO.
16. Road width and bend should be adequate for easy movement of fire fighting vehicles.
17. Proposals for provisions regarding accessibility to the various floors of the project and other related parts for Divyang people should be provided.
18. Details of all the points mentioned at point no. 9 under energy conservation of Form. IA would be explicitly taken care of.
19. The P.P. shall take necessary steps to improve the living conditions of the labour at site. An amount of Rs. 10 Lakh per Annum shall be spent as Budgetary provision for the housing of construction labour within the site with all necessary infrastructure and facilities such as health, sanitation, fuel/LPG for cooking, safe drinking water, medical camps, toilets for women and crèche for infants etc. Such 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.
20. The PP will comply with the provisions as per the Building and Other Construction Workers (Regulation of Employment & Condition of Service) Act 1996.
21. 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.
22. The drains should be of adequate capacity and be lined till the final disposal points.
23. The entire waste water should be treated through a STP of capacity 160 KLD of MBBR 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. The STP should have a separate hourly meter and energy meter.
24. The PP shall comply with Construction & Demolition Waste Management Rules, 2016 as applicable.
25. All required sanitary and hygienic measures shall be put in place before starting construction activities. The safe disposal of waste water and solid waste generated during the Construction phase shall be ensured.
26. All the labourers engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.

27. All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.
28. Disposal of muck during construction phase should only be at approved sites with the approval of competent authority. It should not create any adverse effect on the neighboring communities and be disposed by taking necessary precautions for general safety and health aspects of the people.
29. 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.
30. 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.
31. 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.
32. Vehicles hired for bringing construction material and labourers 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.
33. 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.
34. Fly ash shall be used as building material in the construction as per the provisions of Fly Ash notification of September, 1999 and as amended till date.
35. NOC shall be obtained from National State Disaster Management Authority wherever applicable.
36. Provision for proposed 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.
37. Guidelines issued by concerned Ministry for water scarce areas be followed.
38. Water demand during construction shall be reduced by the use of pre-mixed concrete, curing agents and other best practices. Effort should be made to use treated waste water from nearby areas in place of fresh water.
39. 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.
40. 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. The PP shall not allow making of any obstacle in the way of

any natural water course/natural nallaha/stream carrying rain water to any water body. Adequate measures shall be taken to reduce air and noise pollution during construction as per CPCB norms.

41. 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.
42. 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.
43. Roofing should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.
44. 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 fulfil the requirement.
45. 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 and operation phase of the project.
47. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary authorization of the RPCB.
48. The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of fire fighting equipment, etc. as per National Building Code 2005 including protection measures from lightening etc.
49. Regular supervision of the above and other measures for monitoring shall be in place throughout the construction phase, so as to avoid nuisance to the surroundings.
50. The project proponent shall fulfil in letter and spirit, all the commitments made /submitted to the SEAC office.
51. The PP shall provide stack of adequate height at the DG set (1X140 KVA) along with acoustic enclosures for noise control as per CPCB guidelines. The DG Sets shall comply with the norms notified under Environment (Protection) Act, 1986.
52. The PP shall obtain all requisite permissions/ approvals/clearances from concerning departments and district administration relating to project.
53. The PP shall procure required fresh water only from the authorized and legal source after approval from the competent Authority and such procurement of water shall be informed to RSPCB at time of applying for CTO/CTE.

54. The PP shall provide water flow meter at all suitable points to measure quantity of daily water consumption. Besides PP shall also provide water flow meters at waste water generation points, treated waste water, waste water recycled and utilized for plantation / gardening purposes. The daily record of this should be maintained properly in a logbook.
55. The PP shall dispose of the sludge of STP in Scientific manner.
56. The PP shall make compliance of the standards, for Noise and National Ambient Air Quality, as prescribed under the Environment (Protection) Act 1986.
57. The total waste water generation will be utilized and disposed as proposed.
58. The PP shall not discharge treated waste water in to any natural water flow or in to any water body but make efforts to utilize maximum of the treated effluent within the premises of the project.
59. The PP shall ensure that solid waste generated should be properly collected & segregated. Wet garbage should be composed and dry/inert solid waste should be disposed off at approved sites for land filling after recovering recyclable material.
60. The CFs/FLs / E-waste should be properly collected and disposed off/ sent for recycle as per the prevailing rules / guidelines issued by the regulatory authority. Use of solar panel also may be done to the possible extent.
61. The adequate measure should be taken to prevent odour problem form STP.
62. The PP should obtain prior Consent to Operate before commissioning of the project or handed over to the occupier.
63. The PP shall provide and maintain the O&G trap in good condition so that the O&G coming with waste water from Kitchen/laundry should retain in trap.

OPERATION PHASE

1. Total domestic water requirement during operational phase shall be 226 KLD (168 KLD Fresh + 58 KLD recycled), as proposed. The necessary permission of water supply should be submitted to RSPCB at the time of applying for CTE/CTO. 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.
2. An independent expert shall certify the installation of the Sewage Treatment Plants (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 prescribed under the Environment (Protection) Act 1986 or the standards laid down by the Rajasthan State Pollution Control Board.
3. Adequate measures shall be taken to prevent odour from solid waste processing and STP.

4. Proper system of channelizing excess storm water shall be provided.
5. 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.
6. The proposals on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency shall be implemented.
7. The power factor shall be maintained near unity.
8. 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.
9. The parking place shall have separate entry and exit points. 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.
10. Regular and periodic mock drills shall be undertaken by the fire department at least once in a year.
11. The D. G. sets to be operated with stack height as per EP Act, 1986 along with acoustic enclosure.
12. 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.
13. 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 waste.
14. 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.
15. 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 species.
16. Local species of trees and shrubs shall be planted to allow habitat for birds with adequate distance from the boundary.
17. 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.

18. The PP shall provide adequate and proper compost pit for utilization of all the leaf litter and ensure that such waste should not be burnt.

General Conditions

1. 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.
2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.
4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.
5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter

and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.

9. The conditions of EC shall be enforced among 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, 2006, along with their amendments and rules.
10. The PP shall obtain prior clearance from forestry and wild life angle including clearance from standing committee of National Board of Wild Life(as applicable). It is further categorically stated that grant of EC does not necessarily implies that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.
11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.
14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
15. The ambient noise level should conform to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.
16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

Agenda no. 3 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 8(a) (15015)/ 2019-20

Project Name:- EC for “Urbana Jewels” formerly Known as M/s Narayan Builders & Developers for construction of group Housing complex "Narayan Infinity " SEZ road, Sanganer, jaipur (Proposal No. 38358)

Project Proponent name- M/s Narayan Builders & Developers Authorized Signatory: Ashok Jain.
Add.- “Urbana Jewels” SEZ road, opposite Muhana Mandi, Sanganer, Jaipur (Raj.) Email – ashok.jain@urbanajewels.com

Consultant Name- Enkay Enviro Services PVT.LTD.Jaipur Add.- Corporate Officer Add.- 92
Heera nagar A ,Nearshalimar Bagh, Ajmer Road, Jaipur(Raj.) Email.- info@enkayenviro.com

Information as per Form- 1 and other documents submitted by Project Proponent.

1.	Category / Item no. (in Schedule):	Cat.8(a)				
2.	Location of Project	Khasra no. 19-25, 98-101, 104-108, 117, Sector-1, S.E.Z. road close to the Parsvanath, Narayan City, Tehsil Sanganer, District-Jaipur (Rajasthan).				
3.	Project Details	S. No	Particular	As Per Issued EC	Changes done	Remarks
		1.	Plot Area	78408 Sq. m.	78408 Sq. m.	No Change
		2.	B.U.A.	200116 Sq. m. (including basement)	223189.86 Sq.m.	Increased by 23073.86 Sq.m. (11.5%)
		3.	Blocks	6 Towers/Blocks JDA approved- 7 Blocks	7 Towers/Blocks 1 Club, 1 Temple	7 Towers were approved in Maps but 6 Towers were mentioned in EC. Since the inception of project there are 7 towers & due to oversight error, the amendment in EC was not undertaken. The building foot prints have been realigned and additional floors are laid on the club house including basement and there is a temple with small community hall for residents.
		4.	Floors	(2 Basement+ Stilt + Ground + 8	(2 Basement*+ Stilt + 9 Floors)	No change

				Floors)																					
		5.	No. of Apartments	1188 flats (3 BR-735, 2BR-437 & 1 BR-16)	1256 flats (3 BHK with Servant room- 780 no, 2 BHK- 396 no, 1 BHK-24 no i.e. total 1200 plus 56 studio apartments)	No. of 3 BHK has been increased by 45 with servant room, no. of 2 BHK has been reduced by 41, no. of 1 BHK increased by 8.																			
		6.	Landscape area	29585 Sq.m	29585 Sq.m	No Change																			
4.	Details of construction taken place at site	Construction is complete at site as on date.																							
5.	Parking	The same is not essential as it is an ex-post facto EIA. For Post construction phase adequate parking has been provided. As per issued EC 2287 E.C.U was approved, due to additional built up area it was increased to 2350 E.C.U.																							
6.	Project Cost:	Total Project Cost: - Rs. 277.83 Crore, For Additional Built-up Area: Rs. 3.67 Crore (Already mentioned on cover page)																							
7.	Water Requirement per day & Source	Source: Bore well (3 no.) Total water requirement-623 KLD (437 Fresh water + 186 Recycled water) CGWA NOC - Existing NoC for ground water withdrawal has been obtained vide letter no. 21-4(466)/WR/CGWA/2011-414 dated 15.04.2011& Renewal of CGWA NOC has been applied on 27.12.2017.																							
8.	Fuel & Energy:-	<table><tr><th colspan="3">Description</th></tr><tr><td>Source of supply</td><td colspan="2">Being met through JVVNL</td></tr><tr><td>Electrical Load</td><td>Connected load</td><td>10,400 KW</td></tr><tr><td rowspan="2">Transformer</td><td>Number</td><td>11</td></tr><tr><td>Capacity</td><td>1250 kVA (6), 1600 kVA (3), 5000 kVA (1), 8000 kVA (1)</td></tr><tr><td rowspan="2">D.G. Sets</td><td>No. of DG sets</td><td>3</td></tr><tr><td>D.G. Capacity</td><td>Cumulative Capacity: 1800</td></tr></table>					Description			Source of supply	Being met through JVVNL		Electrical Load	Connected load	10,400 KW	Transformer	Number	11	Capacity	1250 kVA (6), 1600 kVA (3), 5000 kVA (1), 8000 kVA (1)	D.G. Sets	No. of DG sets	3	D.G. Capacity	Cumulative Capacity: 1800
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				kVA																																				
9.	Application No. & Date & documents submitted :-	Online Uploaded Documents: dated 28.06.2019 Proposal No.:- SIA/RJ/MIS/38358/2006; File No. 15015 <ul style="list-style-type: none">• Covering letter• Form-1• Form-2• Documents of EIA/EMP• Document of Risk Assessment• Survey of India Toposheet• Google map• KML file Hardcopy submitted : dated 05.07.2019																																						
10.	Environment Management Plan with budgetary provision.	<table><tr><th>S. NO.</th><th>DESCRIPTION OF ITEM</th><th>CAPITAL COST (IN LACS)</th><th>RECURRING COST (IN LACS)</th></tr><tr><td>1.</td><td>Acoustic enclosures & Stack attached to DG Sets</td><td>114.00</td><td>11.75</td></tr><tr><td>2.</td><td>STP</td><td>244.46</td><td>2.00</td></tr><tr><td>3.</td><td>WTP</td><td>182.85</td><td>1.80</td></tr><tr><td>4.</td><td>Rain Water harvesting</td><td>37.47</td><td></td></tr><tr><td>5.</td><td>Solid waste management</td><td></td><td>21.50</td></tr><tr><td>6.</td><td>Fire Fighting & Emergency handling</td><td>272.01</td><td>6.30</td></tr><tr><td>7.</td><td>Green Belt</td><td>102.54</td><td>12.50</td></tr><tr><td colspan="2">Total</td><td>953.33</td><td>55.85</td></tr></table>	S. NO.	DESCRIPTION OF ITEM	CAPITAL COST (IN LACS)	RECURRING COST (IN LACS)	1.	Acoustic enclosures & Stack attached to DG Sets	114.00	11.75	2.	STP	244.46	2.00	3.	WTP	182.85	1.80	4.	Rain Water harvesting	37.47		5.	Solid waste management		21.50	6.	Fire Fighting & Emergency handling	272.01	6.30	7.	Green Belt	102.54	12.50	Total		953.33	55.85		
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Total		953.33	55.85																																					
11.	CSR Activities	The difference of cost towards the additional built up area excluding the land cost and plant & machinery cost is equated to 3.67 crores. Thus as per notification 1.0% of additional capital investment is applicable as maximum percentage for Brownfield Projects which amounts to Rs. 3.67 Lacs.																																						
12.	STP	Recycled water from STP (3 x 600 KLD) is being used for flushing, landscaping and general washing based on Fluidized Media Bio Reactor technology.																																						

13.	Green Belt/ Plantation area and % of total area in sq. mts.	Plantation Green area has been incorporated to the tune of 37%.
14.	Budgetary Breakup for Labour	Not applicable, construction is completed at site.
15.	Present status	Construction is completed at site.

Background of the Project--

- 1) The project was considered by the SEAC for EC for additional built up area of 23073.6 sq. meter, in pursuance of the MoEF Notification dated 14.3.2017 and 8.3.2018, as additional agenda item no 71.20.1 to 71.20.22 in its 4.7th meeting held on 28th – 31st January, 2019.
- 2) The PP has proposed for 223189.86 sq. meter Gross built up area.
- 3) Since The PP has constructed super built area of 22,31,89.86 sq. mts as against built up area of 200116.00 sq. mts for which EC was issued by the MoEF. No of flats constructed 1256 nos in 7 blocks in place of 1188 apartments in 6 towers and has also admitted on record about this violation.
- 4) The SEAC after perusal of record and deliberations, in the light of notifications dated 14.3.2017 and 8.3.2018, concluded that it is a case of violation of the EIA Notification 2006.
- 5) Accordingly ToR with Public Hearing and One Season EIA study were issued to the project vide SEAC letter no.8811 dated 7.3.19.
- 6) Against the aforesaid decision of ToR given to the violation cases of building projects SEAC/SEIAA received a number of representations requesting amendment in the ToR for exemption of public hearing and allowing one month's baseline data for preparation of EIA/EMP report instead of one season baseline data.
- 7) The representations received from PP's were considered by the SEAC in its 4.9th meeting held on 09-10 April, 2019 and after detailed deliberation the SEAC resolved to recommend to SEIAA to refer the issue to the MOEF & CC for clarification in the matter.
- 8) The SEIAA vide letter dated 02.05.2019 requested the MoEF & CC to provide clarification in respect to O.M.Z-11013/22/2017-IA.II(M) dated 16.03.2018. The MoEF & CC vide letter dated 10.06.2019 clarified the issue and stated as follows
“ in view of the above, it is to inform that the projects covered under category 8(a) of the schedule of the EIA Notification which are in violation of the said notification are appraised by the ministry as per the provisions of the OM dated 16.03.2018

without the requirement of public hearing. One month baseline data is required for preparation of EIA/EMP report.”

- 9) The SEAC considered the whole matter in the light of above clarification, in its 4.14th meeting held on 18-20 June, 2019 and resolved to amend the ToR issued in all such cases, providing for preparation of EIA/EMP reports without public hearing and requiring only one month base line data for the studies.
- 10) Accordingly a letter for amendment in ToR to this project was issued vide SEAC letter no.9620 dated 8.7.19.
- 11) The PP has submitted compliance of ToR vide its letter dated 10.07.19.

Observations of the committee:-

The MoEF & CC vide letter dated 02.11.2007 had issued EC to M/s Narayan Builders & Developers B-14, Heera Nagar, Shipra Path corner, Mansarovar, Jaipur for construction of Group Housing Complex “Narayan Infinity” at sector-1 (Phase-1) SEZ, Road Sanganer, Jaipur for total built up area of 200116.0 sq. meter having plot area of 78408 sq. meter. The EC was issued to construct 1188 apartments (3BR-735, 2BR- 437 & 1BR- 16) with construction of 6 type towers (2 basements, stilt ground + 8 floor). The total water requirement for the project during construction phase is stated to be 32 KLD and in operation phase water requirement it is stated as 1200 KLD. The use of treated waste water is mentioned as 375 KLD for flushing, 135 KLD for AC cooling and 250 KLD for landscaping. The capacity of STP is mentioned as 1050 KLD comprising 3 STP’s of 350 KLD capacity each. The EC was granted by the MoEF & CC subject, inter-alia, to the condition that consent for establish shall be obtained from RSPCB and that the installation of sewerage treatment plant should be certified by independent expert and a report in this regard be submitted to the MoEF before the project is commissioned for operation. In the EC it is also mentioned that in case of any change in the scope, the project would require a fresh appraisal by the Ministry.

The PP obtained consent to establish, under section 25-26 of the Water Act, 1974 & section 21 of the Air Act, 1981 from the RSPCB, vide letter dated 28.06.2010. This consent was issued for construction of built up area of 200116 sq. meter subject to the condition, inter-alia, that in case of any increase in capacity or addition/modification/alteration etc., the PP shall obtain fresh consent to establish. The consent was also subject to the conditions that the effluent generated shall be treated through adequately designed STP of capacity 1050 KLD upto the prescribed standard.

The PP, after issue of EC by the MoEF & CC on 02.11.2007 and grant of consent to establish on 28.06.2010 by RSPCB applied for EC for already carried out expansion in the existing group housing project “Urbana Jewels” as a case of violation. The cost of additional built up area (expansion) is stated 3.67 crore. The project has been renamed as “Urbana Jewels” from “Narayan Infinity” for which EC was granted by MoEF & CC.

The details of changes/modifications made by the PP, as reported, are as follows:

S.No.	Particulars	As permitted in EC	Modification made	Comments
1	Ground coverage	17285.55 sq. mt.	18480.76 sq. mt. (mentioned in	Ground coverage increased whereas chapter

			chapter 2.3 at page 63)	4.2.1 at page 100 says that no change has been introduced in ground coverage area, thus land use of the site is not impacted. There has been no impact on the land use pattern. PP needs to submit clarification.
2	STP capacity	1050 KLD (3X350 KLD)	1800 KLD (3X600 KLD)	Capacity of STP increased. PP needs to incorporate this change in the application submitted for amendment in EC.
3	Parking facility	2287 ECU	2350 ECU	Increased by 63 ECU. PP needs to incorporate this change in the application submitted for amendment in EC.
4	Population estimation	Total no. of flats 1188	Total no. of flats 1200+56 studio apartment	913 persons increased. PP needs to incorporate this change in the application submitted for amendment in EC.
5	Project cost	210 crore	Rs. 259.39 crore in chapter 2.10, Rs. 277.83 crore in the Annexure G	Increased in project cost different figures mentioned at different place. PP needs to submit clarification.
6	Built up area	200116 sq.mt.	223189.86 sq.mt.	Increased by 23073.86 sq.mt.
7	Blocks	6 Tower/blocks	7 Towers/blocks, 1 club, 1 temple	Increased in no. of towers/blocks and addition of club, temple. PP needs to incorporate this change in the application submitted for amendment in EC.
8	No. of apartments	Total no. of flats 1188(3BR-735, 2BR- 437 & 1BR-16)	1256 flats (3BHK with servant rooms-780 no., 2BHK-396 no., 1 BHK-24 no i.e. total 1200+56 studio apartments)	No. of 3 BHK has been increased by 45 with servant room, no. of 2 BHK has been reduced by 41, no. of 1 BHK increased by 8. PP needs to incorporate this change in the application submitted for amendment in EC.

The report of compliance of earlier EC conditions certified by the MoEF & CC states that as per EC condition STP of 1050 KLD was proposed. However, they have installed 3 no. of STP of capacity 600 KLD each.

Pursuant to issuance of ToR by the SEAC, the PP has submitted compliance report of the conditions of ToR along with report of damage assessment and remediation plan. With respect to damage to the land environment the PP has stated that the possibility of soil contamination could not be ruled out due to additional construction waste generation. All control measures may have been adopted as there is no significant evidence of contaminations. It is also stated that the population estimation has been increased by 913 persons and solid waste to the tune of 365 Kg per day will be generated against additional built up area. It is further stated that damage to the land environment was moderate with respect to construction phase and damage due to municipal waste generation is under slight category. With respect to air environment the report says that during construction phase emissions were generated due to additional transportation of raw material and dust due to additional construction activities. Raw material was sourced from nearby areas. The report also says that control measures may have been adopted as there is no significant evidence of any contamination. Due to additional built up area parking requirement has been increased from 2287 ECU to 2350 ECU. The report says that damage to the air quality has been moderate as a result of emission due to additional transportation and dust emission due to additional construction. Damage to the air environment due to vehicular emission has been shown to be in slight category. With respect to water environment the report says that the sewage from labour hutments and rain water run-off from the site could be the only source of pollution and control measures may have been adopted as there is no significant evidence of any contamination. The damage due to these activities has been shown to be moderate. With respect to noise environment the report says that the construction activities machines and vehicular movement were the major source of noise pollution. Increase in built up area was only 11.5 % thus the impact would have been insignificant. According to the report damage due to noise environment has been put in the category of moderate. With respect to biological environment the report says that the construction activities (dust & noise) due to additional built up area and vehicular movement has caused slight damage to the biological environment. With respect to socio-economic environment the report says that damage due to noise generation, increase traffic, piling of waste and vehicular movement to the socio-economic environment is categorized as slight.

The PP while admitting that there has been damage, in different degrees to land environment, air environment, water environment, noise environment, biological environment and socio-economic environment; has stated in the report that no remediation is suggested as he has already spent Rs. 9.5 crore towards environment protection measures. It is not clear from the report that the amount of Rs. 9.5 crore claimed to have been spent is with respect to damage caused to the environment on carrying out additional construction or for the project as a whole. Clarification is needed from the PP on this point. The PP also requires to enumerate the details of the environmental and ecological safeguards/ measures taken during construction and operation phase of the additional built up area/structures created by the PP but not permitted in the EC granted by

the MoEF & CC on 02.11.2017, agencies / persons hired for taking measures for protection of environment, proof of payments made to agencies such persons etc.

The SEAC was of the view that PP is required to submit explanation/details/clarifications on the points mentioned above. The SEAC also considered the letter dated 22.07.2019 submitted by the PP, during presentation, wherein he has requested for deferment of the case as he wants to submit additional information.

Resolution:

The SEAC, in view of the above, resolved to issue query letter to the PP asking him to submit the above explanation/details/clarifications within 45 days' from the date of issue of query letter failing which the case would be recommended to SEIAA for close & delist.

Agenda no. 4 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 8(a)(15496)/ 2019-20

Project Name:- Environment Clearance for Upvan- the garden City" Proposed EWS & LIG - Affordable Housing, Promoted by M/S Reverence Infrastructure India LLP. **Proposal No-110685**

Project Proponent name-M/S Reverence Infrastructure India LLP,Add-A-28, Anita Colony, Bajaj Nagar, Jaipur, Rajasthan, Email-vivek.y@ashadeepgroup.com macsenlab@gmail.com

Consultant Name- TEAM Institute of Science & Technology Pvt. Ltd. E-65, Chitranjan marg, , C-Scheme, Jaipur. Eamil-eia@teamtesthouse.com

Information as per Form- 1 and other documents submitted by Project Proponent.

1.	Category / Item No. (in Schedule):	Cat.8(a)																														
2.	Location of Project	At Plot No. 1 (Part A & Part 1), NH-8, Jaipur-Delhi Highway, Behror, Alwar, Rajasthan																														
3.	Project Details	<table border="1"> <thead> <tr> <th colspan="3">Details of Proposed Construction</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Land Area</td><td>115385.63 Sq.m</td></tr> <tr> <td>2.</td><td>Gross Built Up Area</td><td>146635.40</td></tr> <tr> <td>3.</td><td>Achieved B.A.R</td><td>146029.1 (1.26%)</td></tr> <tr> <td>4.</td><td>Permissible Ground Coverage</td><td>50%</td></tr> <tr> <td>5.</td><td>Achieved Ground Coverage</td><td>36.81% (42473.45)</td></tr> <tr> <td>6.</td><td>Achieved Height</td><td>14.95 upto terrace level</td></tr> <tr> <td>7.</td><td>Proposed Commercial</td><td>6365.80 Sq.m</td></tr> <tr> <td>8.</td><td>Achieved Green Area</td><td>13419.34 (11.63 %)</td></tr> <tr> <td>9.</td><td>Community Center</td><td>Community Center -2 2193.50 Sq.m</td></tr> </tbody> </table>	Details of Proposed Construction			1.	Land Area	115385.63 Sq.m	2.	Gross Built Up Area	146635.40	3.	Achieved B.A.R	146029.1 (1.26%)	4.	Permissible Ground Coverage	50%	5.	Achieved Ground Coverage	36.81% (42473.45)	6.	Achieved Height	14.95 upto terrace level	7.	Proposed Commercial	6365.80 Sq.m	8.	Achieved Green Area	13419.34 (11.63 %)	9.	Community Center	Community Center -2 2193.50 Sq.m
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		10. Flat Details LIG Villas- 199 LIG Flats-1552 EWS Flats-540 Shops- 210 (All of the above mentioned details are available at cover page & page no 1 of the file submitted initially)
4.	Details of construction taken place at site	An affidavit by PP & Consultant regarding construction taken place at site is attached as Annexure with the compliance of Meeting Notice.
5.	Parking	It is a EWS & LIG Affordable Housing Project so 2 two wheeler parking for LIG and 1 two wheeler parking for EWS has been provided and few for four wheelers. Parking Provided Two wheeler= 3104 + 540 + 78 = 3722 Scooter Parking Provided Four Wheeler= 280
6.	Project Cost:	Rs. 156.00 Cr (Details are mentioned at cover page & page no. 37 of the file submitted initially)
7.	Water Requirement per day & Source	During construction phase water requirement will be 19.60 KLD which will be met from Tanker supplies. In post construction phase total water requirement will be about 1055.62 KLD. 750.07 KLD- Fresh water by obtaining NOC from CGWA supply. 305.55 KLD- Recycled water from STP. (Details are mentioned at Page no. 18-19 of the file submitted initially)
8.	Fuel & Energy:-	Energy: The total power demand of the project will be 7996.48 KW, which shall be met through power grid of JVVNL. The power will be received from JVVNL at 33 KV supply voltage, it will be stepped down to 0.433 KV through two transformers of 5000 kVA capacity each. 2 D.G. Sets of 250 & 500 KVA capacity is proposed for common facilities to cater the essential load only. Fuel: HSD, 21 Lit/hr. for D.G. Sets. (Details are mentioned at Page no. 26 & 29-30 of the file submitted initially)
9.	Application No. & Date & documents submitted	Application no. – Nil Date of submission:- Initial application 15.05.2018 & EIA & EMP on 11.07.2019)

10	Environment Management Plan with budgetary provision.	<table><tr><th>S. No</th><th>Description</th><th>Capital Cost (Rs in lacs)</th><th>Recurring Cost/Year (Rs in lacs)</th></tr><tr><td>1</td><td>STP</td><td>131.25</td><td>45.00</td></tr><tr><td>2</td><td>Landscaping</td><td>10.00</td><td>6.50</td></tr><tr><td>3</td><td>Dual Plumbing System and Efficient Fixtures</td><td>50.00</td><td>-</td></tr><tr><td>4</td><td>Solar Energy Utilization Application and Energy Efficient Lighting</td><td>35.00</td><td>3.50</td></tr><tr><td>5</td><td>Solid Waste Management</td><td>10.00</td><td>8.00</td></tr><tr><td>6</td><td>Monitoring of Air, Water, Noise & Soil</td><td>-</td><td>2.20</td></tr><tr><td>7</td><td>Insulation of walls & roof</td><td>50.00</td><td>-</td></tr><tr><td colspan="2">Total</td><td>286.25 Lac.</td><td>65.20 Lac.</td></tr></table>	S. No	Description	Capital Cost (Rs in lacs)	Recurring Cost/Year (Rs in lacs)	1	STP	131.25	45.00	2	Landscaping	10.00	6.50	3	Dual Plumbing System and Efficient Fixtures	50.00	-	4	Solar Energy Utilization Application and Energy Efficient Lighting	35.00	3.50	5	Solid Waste Management	10.00	8.00	6	Monitoring of Air, Water, Noise & Soil	-	2.20	7	Insulation of walls & roof	50.00	-	Total		286.25 Lac.	65.20 Lac.						
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11	CSR Activities	Total expenses in CER for three years will be Rs. 93,25,600/-																																										
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12	STP	STP of capacity= 875 KLD Capacity Technology - SBR																																					
13	Green Belt/ Plantation area and % of total area in sq. m.	Total Achieved Landscape Area =13419.34 (11.63 %) Proposed Tree Nos.- 237 Trees will be planted along the boundary of plot.																																					
14	Budgetary Breakup for Labour	<p>Note: <u>Building & Other Construction workers (Regulation of Employment & Condition of Service) Rule-2009</u>.will be followed along with given budgetary breakup for laboures. Suggestion given by SEAC members will be incorporated.</p> <p style="text-align: center;"><u>Budgetary Breakup for Labour</u></p> <p>Fixed Explicit Investment:</p> <table><tr><th>S. No.</th><th>Activity</th><th>Fixed Capital (in Rs.)</th></tr><tr><td>1.</td><td>Temporary Huts to workers – 80 Nos.@ Rs. 20000</td><td>Rs. 16,00,000</td></tr><tr><td>2.</td><td>Common Toilet- 20 Nos. @ 10,000</td><td>Rs. 2,00,000</td></tr><tr><td>3.</td><td>Bathing Area- 20 Nos. @ 10,000</td><td>Rs. 2,00,000</td></tr><tr><td>4.</td><td>Stoves to each family- 80 Nos. @ Rs. 2000</td><td>Rs. 1,60,000</td></tr><tr><td>5.</td><td>Crèche for children (A temporary room with colorful walls & toys, games and etc.)</td><td>Rs. 80,000</td></tr><tr><td>6.</td><td>RO Plant (50 lpm) - 3 Nos.</td><td>Rs. 1,50,000</td></tr><tr><td colspan="2">Total</td><td>23,90,000/-</td></tr></table> <p>Running Expenses per Month:</p> <table><tr><th>S. No.</th><th>Activity</th><th>Running Capital (Rs.)</th></tr><tr><td>1.</td><td>LPG to Labours</td><td>Rs. 84,000.00</td></tr><tr><td>2.</td><td>Medical Facility (1 Doctor + 1 Compounder) on visit basis (Health Check Up one day in every two months) (Rs. 20,000 (for each health camp, one in two months) = Rs. 1,20,000 (in year)</td><td>Rs. 8,500.00</td></tr></table>					S. No.	Activity	Fixed Capital (in Rs.)	1.	Temporary Huts to workers – 80 Nos.@ Rs. 20000	Rs. 16,00,000	2.	Common Toilet- 20 Nos. @ 10,000	Rs. 2,00,000	3.	Bathing Area- 20 Nos. @ 10,000	Rs. 2,00,000	4.	Stoves to each family- 80 Nos. @ Rs. 2000	Rs. 1,60,000	5.	Crèche for children (A temporary room with colorful walls & toys, games and etc.)	Rs. 80,000	6.	RO Plant (50 lpm) - 3 Nos.	Rs. 1,50,000	Total		23,90,000/-	S. No.	Activity	Running Capital (Rs.)	1.	LPG to Labours	Rs. 84,000.00	2.	Medical Facility (1 Doctor + 1 Compounder) on visit basis (Health Check Up one day in every two months) (Rs. 20,000 (for each health camp, one in two months) = Rs. 1,20,000 (in year)	Rs. 8,500.00
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		3.	Electricity and general expenses	Rs. 30,000.00	
		4.	Stationary & Study materials for school going children of labours	Rs. 3000.00	
		5.	A Crèche runner will be hired to take care small children	Rs. 8000.00	
		6.	Coaching in evening for school going children (one teacher will be appointed)	Rs. 8000.00	
		Total			Rs. 1,41,500/-
		(Details mentioned at page no. 36 of the file submitted initially)			
15	Present status	Till date approx 29% construction has been at the site.			

Background of the Project--

- 1) The project was considered by the SEAC for EC in pursuance of the MoEF Notification dated 14.3.2017 and 8.3 2018, as additional agenda item no 71.20.1 to 71.20.22 in it's 4.7th meeting held on 28th – 31st January, 2019.
- 2) The PP has proposed for 146635.40 Sq.M. Gross built up area.
- 3) Since the PP has carried out construction work in area of 960.20.Sq. Mts.and has also admitted on record about this violation.
- 4) The SEAC after perusal of record and deliberations, in the light of notifications dated 14.3.2017 and 8.3.2018, concluded that it is a case of violation of the EIA Notification 2006.
- 5) Accordingly ToRs with Public Hearing and One Season EIA study were issued to the project vide SEAC letter no.8819 dated 7.3.19.
- 6) Against the aforesaid decision of ToR given to the violation cases of building projects SEAC/SEIAA received a number of representations requesting amendment in the ToR for exemption of public hearing and allowing one month's baseline data for preparation of EIA/EMP report instead of one season baseline data.
- 7) The representations received from PP's were considered by the SEAC in its 4.9th meeting held on 09-10 April, 2019 and after detailed deliberation the SEAC resolved to recommend to SEIAA to refer the issue to the MOEF & CC for clarification in the matter.
- 8) The SEIAA vide letter dated 02.05.2019 requested the MoEF & CC to provide clarification in respect to O.M.Z-11013/22/2017-IA.II(M) dated 16.03.2018. The MoEF & CC vide letter dated 10.06.2019 clarified the issue and stated as follows
“ in view of the above, it is to inform that the projects covered under category 8(a) of the schedule of the EIA Notification which are in violation of the said notification are appraised by the ministry as per the provisions of the OM dated 16.03.2018 without the requirement of public hearing. One month baseline data is required for preparation of EIA/EMP report.”
- 9) The SEAC considered the whole matter in the light of above clarification, in its 4.14th meeting held on 18-20 June, 2019 and resolved to amend the ToR issued in all such cases, providing for preparation of EIA/EMP reports without public hearing and requiring only one month base line data for the studies.

10) Accordingly a letter for amendment in ToR to this project was issued vide SEAC letter no.9613 dated 8.7.19.

11) The PP has submitted compliance of ToR vide its letter dated 11.07.19.

Observations of the committee:-

The PP has applied for EC for proposed Upvan- the garden City" by M/S Reverence Infrastructure India LLP at Khasra no. UD-1, Industrial area , NH-8, Behror, Alwar, under 8 (a) category i.e. building and construction project. The total plot area is 115385.63 Sq. m. and gross built up area is 146635.40 Sq. meter. The cost of project is Rs. 156 Crore. The total water requirement during construction phase will be 19.60 KLD and will be met from tanker supply. The total water requirement in post construction phase would be 1055.62 KLD out of which 750.07 KLD would be fresh water by obtaining NOC from CGWA. The quantity of recycled water would be 305.55 KLD from STP. For treatment of waste water STP of SBR technology having capacity of 875 KLD would be installed. The PP has proposed to setup two DG sets of 250 KVA and 500 KVA capacity for common facilities to cater the essential load only.

The PP during presentation on 23.07.2019 has submitted modified Damage Assessment & Remediation plan and Natural & Community Resource Augmentation plan. The PP in the report has stated that he has carried out excavation work of 6800 cubic meters, the total foundation laid down is 2268 cubic meter, RCC work carried out is 29739.77 sq. meter and masonry work of 4436.43 cubic meters. It is also stated in report that the PP has completed 20.28 % of the total construction work.

The PP has stated that proposed project is a EWS-LIG Group Housing Project. The Net plot area of the project is 115385.63 Sq. m. and gross built up area is 146635.40 Sq. meter. The PP has started construction of the project without obtaining prior EC from SEIAA, in violation of the provisions of the EIA Notification. Further it is stated that the PP has completed 20.28 % of the total construction work. In the Damage Assessment & Remediation plan and Natural & Community Resource Augmentation plan it is stated that the construction work has resulted in slight damage to air environment, water environment, noise environment, socio-economic environment etc. and has proposed remedial measures for the same. The PP in the report has proposed to spend an **amount of Rs. 42,85,000 /-** towards remediation plan and natural & community resource augmentation plan within a span of three years.

The PP during presentation on 23.07.2019 has also submitted a letter wherein it is stated that project is for poor segment of the society and the prices of this segment are regulated by the State Government, and therefore profits in such projects are extremely low. The proposed project is EWS/LIG affordable housing project. The PP in the letter has requested to consider Corporate Environment Responsibility (CER) to 1% of the project cost. The SEAC considered the request in regard to CSR amount to be spent by the PP and found it justified. The SEAC considers it appropriate to ask the PP to spend 1% of the total project cost on CSR activity in place of maximum limit of 2% as provided in the OM dated 01.05.2018 by MoEF & CC.

The SEAC also noted the provisions of para 13(3) of the EIA Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC which provide that in cases of violation, action will be taken against

the PP by respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection), Act, 1986 and further no consent to operate or occupancy certificate will be issued till the project is granted EC.

Resolution/ Recommendation :

The SEAC after taking into consideration the documents & additional documents submitted by the PP, presentation made by the consultant of PP and after detailed deliberations/ clarifications from the PP, resolved to recommend to SEIAA for grant of EC to the project, the details of which are mentioned above, after finalization of the quantum of amount, specified in the observations, for remediation plan and natural & community resource augmentation plan, by SEIAA and after ensuring deposition of bank guarantee of the finalized amount with the RSPCB as per the provisions of the Notification dated 14.03.2017 and 08.03.2018 by the PP, subject to the conditions mentioned hereinbelow:

The SEAC further resolved to recommend to SEIAA to ask the RSPCB to take action against the PP in terms of the Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC, in accordance of the provisions of section 19 of the Environment (Protection), Act, 1986.

Specific Conditions in terms of Notifications dated 14.03.2017 and 08.03.2018 of MoEF & CC:

1. The PP shall allocate and spend an amount of Rs. 42,85,000 /- towards remediation plan and natural & community resource augmentation plan within a span of three years, as per the details given below:

Remediation Plan & Budgetary Provisions:

S. No.	Particulars	Remediation Budget (INR)
1.	Air Environment	Site Shielding = Rs.1,00,000/- Plantation = Rs. 3,00,000/-
2.	Land Environment	Water sprinkling= Rs. 3,00,000/-
3.	Noise Environment	Earplugs for labour= Rs. 60,000 & Plantation
4.	Socio-Economic Environment	Solar Light – Rs. 2,00,000
5.	Water Environment	Rain water Harvesting (5) at site- Rs. 10,00,000/- Construction of septic tank & soak pit = Rs. 75,000
6.	Biological Environment	Plantation and green belt development in inside premises= Rs.7,00,000
Total		Rs. 27,35,000/-

Natural Resource Augmentation Plan Year Wise:

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	Avenue Plantation (500 m) – 30 plants on each side of the road.	50,000	50,000	50,000	1,50,000
2.	Maintenance of Avenue Plantation.	1,00,000	1,00,000	1,00,000	3,00,000
3.	Installation of Rain water harvesting at 3 nearby Govt Schools, Behror	2,00,000	2,00,000	2,00,000	6,00,000
Total					10,50,000

Community Resource Augmentation Plan

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	RO with water cooler at 3 Govt Schools	50,000	50,000	50,000	1,50,000
2.	6 Computer in Govt. School	50,000	50,000	50,000	1,50,000
3.	Plantation at public parks at Behror	50,000	50,000	50,000	1,50,000
Total					4,50,000

Economic Benefit derived due to violation:

Saving of interest on the cost of environment protection measures and other activities is approximately **Rs. 50,000 will be spent** for drinking water activity i.e. providing water cooler along with RO in nearby Govt. hospital at Behror.

Total budget for Remediation, Natural & Community Resource Augmentation Plan and Economic Benefit

S. No.	Particulars	Proposed Budget (INR)
1.	Remediation Plan	27,35,000
2.	Natural Resource Augmentation Plan	10,50,000
3.	Community Resource Augmentation Plan	4,50,000
4.	Economic Benefit Derived due to violation	50,000
Total		INR 42,85,000/-

- The Remediation plan shall be completed in three years whereas the Bank Guarantee shall be for five years.

3. The Bank Guarantee deposited by the PP towards Remediation plan, Natural & Community Resources Augmentation Plan and the amount of economic benefit derived due to violation of EIA Notification with the RSPCB before grant of EC, shall be released after successful implementation of the Remediation plan and Community Resources Augmentation Plan only after the recommendation by the SEAC and approval of SEIAA.

Specific Conditions:

Construction Phase:

1. Consent to Establish” shall be obtained from RPCB before start of any construction work related to proposed project at the site.
2. The PP shall obtain a “No objection certificate” for height clearance for the envisaged level from the Airports Authority of India.
3. No Mobile tower shall be installed.
4. Solar panels for common services areas shall be provided.
5. Provision for compost pit for dry leaves shall be provided.
6. Provision for drinking water supply for the residents from a legal source shall be made.
7. As envisaged, the P.P. shall invest the an amount of Rs. 286.25 lacs as capital cost and Rs. 65.20 lacs as annual recurring cost for implementing various environmental protection measure.
8. An amount of Rs. 93,25,600 is shall be spent over a period of 3 years on CER activities (Rs. 31,50,000 in Ist Year, Rs. 30,50,000 in IInd year & Rs. 31,25,600 in IIIrd Year). 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. The detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for Consent to Establish/Consent to Operate. During construction phase and post construction / operation phase, the project 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/CTO.
9. Green belt/Landscaping should be developed in 13419.34 sq. m. of total plot Area, as proposed.
10. 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 lies 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.
11. 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 or as per prescribed norms.

12. 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.
13. The PP shall fulfill the requirements of energy regulatory commission.
14. All energy saving measures proposed by the PP should be implemented before the project is put into use.
15. A preventive action plan (as part of conceptual plan) for earthquake resistance buildings as per NBC code specifically for zone 3,4, 5 should be submitted along with the **Form 1** , **Form 1A** and conceptual plan to RSPCB at the time of applying for CTE /CTO.
16. Road width and bend should be adequate for easy movement of fire fighting vehicles.
17. Proposals for provisions regarding accessibility to the various floors of the project and other related parts for Divyang people should be provided.
18. Details of all the points mentioned at point no. 9 under energy conservation of Form. IA would be explicitly taken care of.
19. The P.P. shall take necessary steps to improve the living conditions of the labour at site. An amount of Rs. 23,90,000/- as Capital Cost and Rs. 1,41,500/- Recurring cost per Annum shall be spent as Budgetary provision for the housing of construction labour within the site with all necessary infrastructure and facilities such as health, sanitation, fuel/LPG for cooking, safe drinking water, medical camps, toilets for women and crèche for infants etc. Such 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.
20. The PP will comply with the provisions as per the Building and Other Construction Workers (Regulation of Employment & Condition of Service) Act 1996.
21. 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.
22. The drains should be of adequate capacity and be lined till the final disposal points.
23. The entire waste water should be treated through a STP of capacity 875 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. The STP should have a separate hourly meter and energy meter.
24. The PP shall comply with Construction & Demolition Waste Management Rules, 2016 as applicable.
25. All required sanitary and hygienic measures shall be put in place before starting construction activities. The safe disposal of waste water and solid waste generated during the Construction phase shall be ensured.
26. All the labourers engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.
27. All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.

28. Disposal of muck during construction phase should only be at approved sites with the approval of competent authority. It should not create any adverse effect on the neighboring communities and be disposed by taking necessary precautions for general safety and health aspects of the people.
29. 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.
30. 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.
31. 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.
32. Vehicles hired for bringing construction material and labourers 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.
33. 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.
34. Fly ash shall be used as building material in the construction as per the provisions of Fly Ash notification of September, 1999 and as amended till date.
35. NOC shall be obtained from National State Disaster Management Authority wherever applicable.
36. Provision for proposed 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.
37. Guidelines issued by concerned Ministry for water scarce areas be followed.
38. Water demand during construction shall be reduced by the use of pre-mixed concrete, curing agents and other best practices. Effort should be made to use treated waste water from nearby areas In place of fresh water.
39. 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.
40. 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. The PP shall not allow making of any obstacle in the way of any natural water course/natural nallaha/stream carrying rain water to any water body. Adequate measures shall be taken to reduce air and noise pollution during construction as per CPCB norms.
41. Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators of pressure reducing devices or sensor based control.
42. 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.

43. Roofing should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
44. 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.
45. 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 and operation phase of the project.
47. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary authorization of the RPCB.
48. The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of fire fighting equipment, etc. as per National Building Code 2005 including protection measures from lightening etc.
49. Regular supervision of the above and other measures for monitoring shall be in place throughout the construction phase, so as to avoid nuisance to the surroundings.
50. The project proponent shall fulfill in letter and spirit, all the commitments made /submitted to the SEAC office.
51. The Company shall provide stack of adequate height at the 2 DG sets (1 X 250 KVA and 1 X 500) along with acoustic enclosures for noise control as per CPCB guidelines. The DG Sets shall comply with the norms notified under Environment (Protection) Act, 1986.
52. The PP shall obtain all requisite permissions/ approvals/clearances from concerning departments and district administration relating to project.
53. The PP shall procure required fresh water only from the authorized and legal source after approval from the competent Authority and such procurement of water shall be informed to RSPCB at time of applying for CTO/CTE.
54. The PP shall provide water flow meter at all suitable points to measure quantity of daily water consumption. Besides PP shall also provide water flow meters at waste water generation points, treated waste water, waste water recycled and utilized for plantation / gardening purposes. The daily record of this should be maintained properly in a logbook.
55. The PP shall dispose of the sludge of STP in Scientific manner.
56. The PP shall make compliance of the standards, for Noise and National Ambient Air Quality, as prescribed under the Environment (Protection) Act 1986.
57. The total waste water generation will be utilized and disposed as proposed.
58. The PP shall not discharge treated waste water in to any natural water flow or in to any water body but make efforts to utilize maximum of the treated effluent within the premises of the project.
59. The PP shall ensure that solid waste generated should be properly collected & segregated. Wet garbage should be composed and dry/inert solid waste should be disposed off at approved sites for land filling after recovering recyclable material.
60. The CFs/FLs / E-waste should be properly collected and disposed off/ sent for recycle as per the prevailing rules / guidelines issued by the regulatory authority. Use of solar panel also may be done to the possible extent.

61. The adequate measure should be taken to prevent odour problem from STP.
62. The PP should obtain prior Consent to Operate before commissioning of the project or handed over to the occupier.
63. The PP shall provide and maintain the O&G trap in good condition so that the O&G coming with waste water from Kitchen/laundry should retain in trap.

OPERATION PHASE

1. Total domestic water requirement during operational phase shall be 1055.62 KLD (750.07 KLD Fresh + 305.55 KLD recycled), as proposed. The necessary permission of water supply should be submitted to RSPCB at the time of applying for CTE/CTO. 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.
2. An independent expert shall certify the installation of the Sewage Treatment Plants (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 prescribed under the Environment (Protection) Act 1986 or the standards laid down by the Rajasthan State Pollution Control Board.
3. Adequate measures shall be taken to prevent odour from solid waste processing and STP.
4. Proper system of channelizing excess storm water shall be provided.
5. 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.
6. The proposals on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency shall be implemented.
7. The power factor shall be maintained near unity.
8. 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.
9. The parking place shall have separate entry and exit points. 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.
10. Regular and periodic mock drills shall be undertaken by the fire department at least once in a year.
11. The D. G. sets to be operated with stack height as per EP Act, 1986 along with acoustic enclosure.

12. 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.
13. 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 waste.
14. 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.
15. 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 species.
16. Local species of trees and shrubs of shall be planted to allow habitat for birds with adequate distance from the boundary.
17. 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.
18. The PP shall provide adequate and proper compost pit for utilization of all the leaf litter and ensure that such waste should not be burnt.

General Conditions

1. 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.
2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.

4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC. `
5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.
9. The conditions of EC shall be enforced among 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, 2006, along with their amendments and rules.
10. The PP shall obtain prior clearance from forestry and wild Life angle including clearance from standing committee of National Board of Wild Life(as applicable). It is further categorically stated that grant of EC does not necessary implies that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.
11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan

State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.

14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
15. The ambient noise level should conform to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.
16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

Agenda no. 5 File no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 8(a) (15497)/ 2019-20

Project Name:- Environment Clearance for "violation Project- Rudraksh-II" Proposed EWS & LIG-Affordable Housing, Promoted by M/s Renaissance Build home Pvt. Ltd. **Proposal No-110642**

Project Proponent Name :- M/s Renaissance Build home Pvt. Ltd.Add-6D,Corporate tower, A- 2, near Jawahar circle JLN Marg, Jaipur, [Email- ruudraksh.1234@gmail.com](mailto:ruudraksh.1234@gmail.com), [Email- vivek.y@ashadeepgroup.com](mailto:vivek.y@ashadeepgroup.com)

Name of The Consultant: - TEAM Institute of Science & Technology Pvt. Ltd. E-65, Chitrangan marg, C-Scheme, Jaipur. Eamil-eia@teamtesthouse.com

Information as per Form- 1 and other documents submitted by Project Proponent.

1.	Category / Item No. (in Schedule):	Cat.8(a)																								
2.	Location of Project	At Khasra No. 854, 855, 864, 865, 866, 868, 869, 870, 871, 872, 874, 875, 853/1, 856/1, 867/1, 873/1, Village- Shrikishanpura, Tehsil- Sanganer, Distt- Jaipur, Rajasthan																								
3.	Project Details	<table border="1"> <thead> <tr> <th colspan="3">Details of Proposed Construction</th></tr> </thead> <tbody> <tr> <td></td><td>Total Plot Area</td><td>13076.70 Sq. m</td></tr> <tr> <td></td><td>Gross Built up Area</td><td>29779.50 Sq. m</td></tr> <tr> <td></td><td>Permissible F.A.R</td><td>29422.58 Sq. M (2.25%)</td></tr> <tr> <td></td><td>Achieved F.A.R</td><td>22456.62 Sq. M (1.71%)</td></tr> <tr> <td></td><td>Permissible Ground Coverage</td><td>50 % (6538.35 Sq. m)</td></tr> <tr> <td></td><td>Achieved Ground Coverage</td><td>34.76 % (4545.96 Sq. m)</td></tr> <tr> <td></td><td>Height</td><td>18.00 m (up to Terrace Level) 23.00 m (OHWT)</td></tr> </tbody> </table>	Details of Proposed Construction				Total Plot Area	13076.70 Sq. m		Gross Built up Area	29779.50 Sq. m		Permissible F.A.R	29422.58 Sq. M (2.25%)		Achieved F.A.R	22456.62 Sq. M (1.71%)		Permissible Ground Coverage	50 % (6538.35 Sq. m)		Achieved Ground Coverage	34.76 % (4545.96 Sq. m)		Height	18.00 m (up to Terrace Level) 23.00 m (OHWT)
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4.	Details of construction taken place at site	An affidavit by PP & Consultant regarding construction taken place at site is attached as Annexure with the compliance of Meeting Notice.																										
5.	Parking	It is a EWS & LIG Affordable Housing Project so 2 two wheeler parking for LIG and 1 two wheeler parking for EWS has been provided.																										
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6.	Project Cost:	Rs. 26.79 Cr (Details are mentioned at cover page of the file submitted initially)																										
7.	Water Requirement per day & Source	During construction phase water requirement will be 10.60 KLD which will be met from Tanker supplies. In post construction phase total water requirement will be about 190.80 KLD 108.20 KLD- Fresh water from Ground Water 82.60 KLD- Recycled water from STP. (Details are mentioned at Page no. 14-15 of the file submitted initially)																										
8.	Fuel & Energy:-	Energy: The total power demand of the project will be 1456 KW, which shall be met through power grid of JVVNL. The power will be received from JVVNL at 33 KV supply voltage, it will be stepped down to 0.433 KV through one transformers of 1600 kVA & one transformers of 500 kVA capacity (transformer in phased manner as per load requirement). 1 D.G. Set of 200 kVA capacity is proposed for common facilities to cater the essential load only. Fuel: HSD, 21 Lit/hr. for D.G. Sets. (Details are mentioned at Page no. 15 of the file submitted initially)																										

9.	Application No. & Date & documents submitted	Application no. – Nil Date of submission:- Initial application 15.05.2018 & EIA & EMP on 11.07.2019)																																																	
10	Environment Management Plan with budgetary provision.	Environment Management Plan <table><tr><th>S. No.</th><th>Description</th><th>Capital Cost (Rs in lacs)</th><th>Recurring Cost/Year (Rs in lacs)</th></tr><tr><td>1</td><td>STP</td><td>40.00</td><td>10.00</td></tr><tr><td>2</td><td>Landscaping</td><td>8.00</td><td>8.50</td></tr><tr><td>3</td><td>Ground Water Recharge Structure</td><td>3.50</td><td>0.07</td></tr><tr><td>4</td><td>Dual Plumbing System</td><td>60.0</td><td>2.40</td></tr><tr><td>5</td><td>Solar Energy Utilization Application</td><td>12.0</td><td>1.20</td></tr><tr><td>6</td><td>Solid Waste Management</td><td>15</td><td>2.40</td></tr><tr><td>7</td><td>Efficient Fixtures/ Lightening</td><td>45.00</td><td>14.00</td></tr><tr><td>8</td><td>Monitoring of Air, Water, Noise & Soil</td><td>-</td><td>2.20</td></tr><tr><td>9</td><td>Insulation of walls & roof (Additional Cost)</td><td>10.0</td><td>0.07</td></tr><tr><td colspan="2">Total</td><td>Rs. 193.5/-</td><td>Rs. 40.84 /- Lacs</td></tr></table>						S. No.	Description	Capital Cost (Rs in lacs)	Recurring Cost/Year (Rs in lacs)	1	STP	40.00	10.00	2	Landscaping	8.00	8.50	3	Ground Water Recharge Structure	3.50	0.07	4	Dual Plumbing System	60.0	2.40	5	Solar Energy Utilization Application	12.0	1.20	6	Solid Waste Management	15	2.40	7	Efficient Fixtures/ Lightening	45.00	14.00	8	Monitoring of Air, Water, Noise & Soil	-	2.20	9	Insulation of walls & roof (Additional Cost)	10.0	0.07	Total		Rs. 193.5/-	Rs. 40.84 /- Lacs
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12	STP	STP of capacity= 180 KLD Capacity Technology - SBR (Details mentioned at page no. 43 of the file submitted initially)																																																
13	Green Belt/ Plantation area and % of total area in sq. m.	Total Achieved Landscape Area = 2306.49 sq.m (17.64%) Proposed Tree Nos.- 156 Trees will be planted along the boundary of plot (Details mentioned at page no. 14-15 of the file submitted initially)																																																
14	Budgetary Breakup for Labour	<p>Note: <u>Building & Other Construction workers (Regulation of Employment & Condition of Service) Rule-2009</u>.will be followed along with given budgetary breakup for laboures. Suggestion given by SEAC members will be incorporated.</p> <p style="text-align: center;"><u>Budgetary Breakup for Labour</u></p> <p>Fixed Explicit Investment:</p> <table><tr><th>S. No.</th><th>Activity</th><th>Fixed Capital (in Rs.)</th></tr><tr><td>1.</td><td>Temporary Houses to workers – 20 Nos.@ Rs. 12,500</td><td>2,50,000</td></tr><tr><td>2.</td><td>Common Toilet- 4 Nos. @ 10,000</td><td>40,000</td></tr><tr><td>3.</td><td>Bathing Area- 4 Nos. @ 10,000</td><td>40,000</td></tr><tr><td>4.</td><td>Kerosene Stoves to each family- 20 Nos. @ Rs. 2000</td><td>40,000</td></tr><tr><td>5.</td><td>A medical room will be provided for regular health checkups and medical aid.</td><td>1,00,000</td></tr><tr><td>6.</td><td>RO Plant (50 lpm) - 1 Nos.</td><td>50,000</td></tr><tr><td colspan="2">Total</td><td>5,20,000</td></tr></table> <p>Running Expenses per Month:</p> <table><tr><th>S. No.</th><th>Activity</th><th>Running Capital per month (in Rs.)</th><th>Running Capital per year(in Rs.)</th></tr><tr><td>1.</td><td>LPG to Labours</td><td>21,000</td><td>2,52,000</td></tr><tr><td>2.</td><td>Medical Facility (1 Doctor + 1 Compounder) on visit basis Twice per week or SOS @ 1250 per visit</td><td>7,500</td><td>90,000</td></tr><tr><td>3.</td><td>Electricity and general expenses @ Rs. 500</td><td>10,000</td><td>1,20,000</td></tr><tr><td>4.</td><td>Stationary & study materials for children of laborers @ Rs 200 per child for 20 children</td><td>4,000/-</td><td>48,000</td></tr><tr><td>5.</td><td>Coaching in evening for school going children (1</td><td>8,000/-</td><td>96,000</td></tr></table>	S. No.	Activity	Fixed Capital (in Rs.)	1.	Temporary Houses to workers – 20 Nos.@ Rs. 12,500	2,50,000	2.	Common Toilet- 4 Nos. @ 10,000	40,000	3.	Bathing Area- 4 Nos. @ 10,000	40,000	4.	Kerosene Stoves to each family- 20 Nos. @ Rs. 2000	40,000	5.	A medical room will be provided for regular health checkups and medical aid.	1,00,000	6.	RO Plant (50 lpm) - 1 Nos.	50,000	Total		5,20,000	S. No.	Activity	Running Capital per month (in Rs.)	Running Capital per year(in Rs.)	1.	LPG to Labours	21,000	2,52,000	2.	Medical Facility (1 Doctor + 1 Compounder) on visit basis Twice per week or SOS @ 1250 per visit	7,500	90,000	3.	Electricity and general expenses @ Rs. 500	10,000	1,20,000	4.	Stationary & study materials for children of laborers @ Rs 200 per child for 20 children	4,000/-	48,000	5.	Coaching in evening for school going children (1	8,000/-	96,000
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		Teacher will be appointed for two hours in evening) @ Rs. 8000 PER MONTH		
		6. Aaya for Crèche Running	6,000/-	72,000
		Total	Rs. 56,500	6,78,000
		(Details mentioned at page no. 38 of the file submitted initially)		
15	Present status	Till date 2approx 20% Sq.m construction has been at the site.		

Background of the Project--

- 1) The project was considered by the SEAC for EC in pursuance of the MoEF Notification dated 14.3.2017 and 8.3.2018, as additional agenda item no 71.20.1 to 71.20.22 in it's 4.7th meeting held on 28th – 31st January, 2019.
- 2) The PP has proposed for 29779.50 Sq.M. Gross built up area.
- 3) Since the PP has carried out construction of Gross built up area of 2555.57 Sq, Mts and has also admitted on record about this violation.
- 4) The SEAC after perusal of record and deliberations, in the light of notifications dated 14.3.2017 and 8.3.2018, concluded that it is a case of violation of the EIA Notification 2006.
- 5) Accordingly ToR with Public Hearing and One Season EIA study were issued to the project vide SEAC letter no.8820 dated 7.3.19.
- 6) Against the aforesaid decision of ToR given to the violation cases of building projects SEAC/SEIAA received a number of representations requesting amendment in the ToR for exemption of public hearing and allowing one month's baseline data for preparation of EIA/EMP report instead of one season baseline data.
- 7) The representations received from PP's were considered by the SEAC in its 4.9th meeting held on 09-10 April, 2019 and after detailed deliberation the SEAC resolved to recommend to SEIAA to refer the issue to the MOEF & CC for clarification in the matter.
- 8) The SEIAA vide letter dated 02.05.2019 requested the MoEF & CC to provide clarification in respect to O.M.Z-11013/22/2017-IA.II(M) dated 16.03.2018. The MoEF & CC vide letter dated 10.06.2019 clarified the issue and stated as follows
“ in view of the above, it is to inform that the projects covered under category 8(a) of the schedule of the EIA Notification which are in violation of the said notification are appraised by the ministry as per the provisions of the OM dated 16.03.2018 without the requirement of public hearing. One month baseline data is required for preparation of EIA/EMP report.”
- 9) The SEAC considered the whole matter in the light of above clarification, in its 4.14th meeting held on 18-20 June, 2019 and resolved to amend the ToR issued in all such cases, providing for preparation of EIA/EMP reports without public hearing and requiring only one month base line data for the studies.
- 10) Accordingly a leetr for amendment in ToRs to this project was issued vide SEAC letter no.9611 dated 8.7.19.
- 11) The PP has submitted compliance of ToR vide its letter dated 11.07.19.

Observations of the committee:-

The PP has applied for EC for proposed EC for proposed Rudraksh - II EWS & LIG-Affordable Housing, Promoted by M/s Renaissance Build home Pvt. Ltd, under 8 (a) category i.e. building and construction project. The total plot area is 13076.70 Sq. m. and gross built up area is 29779.50 Sq.m. The cost of project is Rs. 26.79 Crore. The total water requirement during construction phase will be 10.60 KLD and will be met from tanker supply. The total water requirement in post construction phase would be 190.80 KLD out of which 108.20 KLD would be fresh water by obtaining NOC from CGWA. The quantity of recycled water would be 82.60 KLD from STP. For treatment of waste water STP of SBR technology having capacity of 180 KLD would be installed. The PP has proposed to setup one DG set of 200 KVA capacity for common facilities to cater the essential load only.

The PP during presentation on 23.07.2019 has submitted modified Damage Assessment & Remediation plan and Natural & Community Resource Augmentation plan. The PP in the report has stated that he has carried out excavation work of 1814.57 cubic meters, the total foundation laid down is 453.64 cubic meter, RCC work carried out is 9665.42 sq. meter and masonry work of 1587.75 cubic meters. It is also stated in report that the PP has completed 32.45 % of the total construction work.

The PP has stated that proposed project is a EWS-LIG Group Housing Project. The Net plot area of the project is 13076.70 Sq. m. and gross built up area is 29779.50 Sq.meter. The PP has started construction of the project without obtaining prior EC from SEIAA, in violation of the provisions of the EIA Notification. Further it is stated that the PP has completed 32.45 % of the total construction work. In the Damage Assessment & Remediation plan and Natural & Community Resource Augmentation plan it is stated that the construction work has resulted in slight damage to air environment, water environment, noise environment, socio-economic environment etc. and has proposed remedial measures for the same. The PP in the report has proposed to spend an amount of Rs. 13,00,000/- towards remediation plan and natural & community resource augmentation plan within a span of three years.

The PP during presentation on 23.07.2019 has also submitted a letter wherein it is stated that project is for poor segment of the society and the prices of this segment are regulated by the State Government, and therefore profits in such projects are extremely low. The proposed project is EWS/LIG affordable housing project. The PP in the letter has requested to consider Corporate Environment Responsibility (CER) to 1% of the project cost. The SEAC considered the request in regard to CSR amount to be spent by the PP and found it justified. The SEAC considers it appropriate to ask the PP to spend 1% of the total project cost on CSR activity in place of maximum limit of 2% as provided in the OM dated 01.05.2018 by MoEF & CC.

The SEAC also noted the provisions of para 13(3) of the EIA Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC which provide that in cases of violation, action will be taken against the PP by respective State or State Pollution Control Board under the provisions of section 19 of the Environment (Protection), Act, 1986 and further no consent to operate or occupancy certificate will be issued till the project is granted EC.

Resolution/ Recommendation :

The SEAC after taking into consideration the documents & additional documents submitted by the PP, presentation made by the consultant of PP and after detailed deliberations/ clarifications from the PP, resolved to recommend to SEIAA for grant of EC to the project, the details of which are mentioned above, after finalization of the quantum of amount, specified in the observations, for remediation plan and natural & community resource augmentation plan, by SEIAA and after ensuring deposition of bank guarantee of the finalized amount with the RSPCB as per the provisions of the Notification dated 14.03.2017 and 08.03.2018 by the PP, subject to the conditions mentioned hereinbelow:

The SEAC further resolved to recommend to SEIAA to ask the RSPCB to take action against the PP in terms of the Notification dated 14.03.2017 and 08.03.2018 of the MoEF & CC, in accordance of the provisions of section 19 of the Environment (Protection), Act, 1986.

Specific Conditions in terms of Notifications dated 14.03.2017 and 08.03.2018 of MoEF & CC:

1. The PP shall allocate and spend an amount of Rs. 13,00,000/- towards remediation plan and natural & community resource augmentation plan within a span of three years, as per the details given below:

Remediation Plan & Budgetary Provisions:

S. No.	Particulars	Remediation Budget (INR)
1.	Air Environment	Site Sheilding = Rs. 50,000/-
2.	Land Environment	Water sprinkling= Rs. 75,000/-
3.	Noise Environment	Earplugs for labour= Rs. 30,000 & Plantation
4.	Socio-Economic Environment	Solar Light – Rs. 50,000
5.	Water Environment	Rain water Harvesting at site- Rs. 500000/- Construction of septic tank & soak pit = Rs. 25,000
6.	Biological Environment	Plantation and green belt development within premises= Rs.3,00,000
Total		Rs. 10,30,000/-

Total budget for Remediation Plan

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	Air Environment	25,000	15,000	10,000	50,000
2.	Land Environment	25,000	25,000	25,000	75,000
3.	Noise Environment	10,000	10,000	10,000	30,000
4.	Socio-Economic Environment	20000	15000	15000	50,000
5.	Biological Environment	1,00,000	1,00,000	1,00,000	3,00,000
6.	Water Environment	2,25,000	2,00,000	1,00,000	5,25,000
	Total				10,30,000/-

Natural Resource Augmentation Plan Year Wise:

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	Avenue Plantation (500 m) – 30 plants on each side of the road.	20,000	20,000	10,000	50,000
2.	Installation of Rain water harvesting at Govt School, Shrikishanpura	30,000	15,000	15,000	60,000
	Total				1,10,000

Community Resource Augmentation Plan- Year Wise:

S. No.	Activity	Year – Wise Implementation Budget (INR)			Total Budget (INR)
		1 st year	2 nd year	3 rd year	
1.	RO Plant at Govt Schools	25,000	25,000	25,000	75,000
2.	Sport Kit at Govt School	10,000	10,000	10,000	30,000
3.	Plantation at public parks	10,000	10,000	10,000	30,000
	Total				1,35,000

Economic Benefit derived due to violation:

Saving of interest on the cost of environment protection measures and other activities is approximately **Rs. 25,000 to be spent** for drinking water activity i.e. providing water cooler along with RO in nearby Govt. Dispensary at Jagatpura.

Total budget for Remediation, Natural & Community Resource Augmentation Plan and Economic Benefit

S. No.	Particulars	Proposed Budget (INR)
1.	Remediation Plan	10,30,000
2.	Natural Resource Augmentation Plan	1,10,000
3.	Community Resource Augmentation Plan	1,35,000
4.	Economic Benefit Derived due to violation	25,000
Total		INR 13,00,000/-

- The Remediation plan shall be completed in three years whereas the Bank Guarantee shall be for five years.
- The Bank Guarantee deposited by the PP towards Remediation plan, Natural & Community Resources Augmentation Plan and the amount of economic benefit derived due to violation of EIA Notification with the RSPCB before grant of EC, shall be released after successful implementation of the Remediation plan and Community Resources Augmentation Plan only after the recommendation by the SEAC and approval of SEIAA.

Specific Conditions:

Construction Phase:

- Consent to Establish shall be obtained from RPCB before start of any construction work related to proposed project at the site.
- The PP shall obtain a "No objection certificate" for height clearance for the envisaged level from the Airports Authority of India.
- No Mobile tower shall be installed.
- Solar panels for common services areas shall be provided.
- Provision for compost pit for dry leaves shall be provided.
- Provision for drinking water supply for the residents from a legal source shall be made.
- As envisaged, the P.P. shall invest the an amount of Rs. 193.50 lacs as capital cost and Rs. 40.84 lacs as annual recurring cost for implementing various environmental protection measure.
- An amount of Rs. 25.56 lacs is shall be spent over a period of 3 years on CER activities (Rs. 10.00 lacs in Ist Year, Rs. 9.00 lacs in IInd year & Rs. 6.56 lacs in IIIrd Year). 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. The detailed action plan of CSR activities shall be submitted by the PP to RSPCB at the time of applying for Consent to Establish/Consent to Operate. During construction phase and post construction / operation phase, the project 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/CTO.
- Green belt/Landscaping should be developed in 2306.49 sq.m. of total plot Area, as proposed.

10. 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 lies 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.
11. 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 or as per prescribed norms.
12. The PP shall obtain approval of drawings of laying electrical lines from the concerned SE of RRVNLT/ JVVNL and comply with the provisions as per Terms and Conditions for Supply of Electricity-2004 of JVVNL.
13. The PP shall fulfill the requirements of energy regulatory commission.
14. All energy saving measures proposed by the PP should be implemented before the project is put into use.
15. A preventive action plan (as part of conceptual plan) for earthquake resistance buildings as per NBC code specifically for zone 3,4, 5 should be submitted along with the **Form 1** , **Form 1A** and conceptual plan to RSPCB at the time of applying for CTE /CTO.
16. Road width and bend should be adequate for easy movement of fire fighting vehicles.
17. Proposals for provisions regarding accessibility to the various floors of the project and other related parts for Divyang people should be provided.
18. Details of all the points mentioned at point no. 9 under energy conservation of Form. IA would be explicitly taken care of.
19. The P.P. shall take necessary steps to improve the living conditions of the labour at site. An amount of Rs. 5,20,000/- as Capital Cost and Rs. 6,78,000/- Recurring cost per Annum shall be spent as Budgetary provision for the housing of construction labour within the site with all necessary infrastructure and facilities such as health, sanitation, fuel/LPG for cooking, safe drinking water, medical camps, toilets for women and crèche for infants etc. Such 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.
20. The PP will comply with the provisions as per the Building and Other Construction Workers (Regulation of Employment & Condition of Service) Act 1996.
21. 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.
22. The drains should be of adequate capacity and be lined till the final disposal points.
23. The entire waste water should be treated through a STP of capacity 180 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. The STP should have a separate hourly meter and energy meter.
24. The PP shall comply with Construction & Demolition Waste Management Rules, 2016 as applicable.
 25. All required sanitary and hygienic measures shall be put in place before starting construction activities. The safe disposal of waste water and solid waste generated during the Construction phase shall be ensured.
 26. All the labourers engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.
 27. All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.
 28. Disposal of muck during construction phase should only be at approved sites with the approval of competent authority. It should not create any adverse effect on the neighboring communities and be disposed by taking necessary precautions for general safety and health aspects of the people.
 29. 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.
 30. 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.
 31. 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.
 32. Vehicles hired for bringing construction material and labourers 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.
 33. 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.
 34. Fly ash shall be used as building material in the construction as per the provisions of Fly Ash notification of September, 1999 and as amended till date.
 35. NOC shall be obtained from National State Disaster Management Authority wherever applicable.
 36. Provision for proposed 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.
 37. Guidelines issued by concerned Ministry for water scarce areas be followed.
 38. Water demand during construction shall be reduced by the use of pre-mixed concrete, curing agents and other best practices. Effort should be made to use treated waste water from nearby areas In place of fresh water.
 39. 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.

40. 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. The PP shall not allow making of any obstacle in the way of any natural water course/natural nallaha/stream carrying rain water to any water body. Adequate measures shall be taken to reduce air and noise pollution during construction as per CPCB norms.
41. 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.
42. 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.
43. Roofing should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
44. 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.
45. 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 and operation phase of the project.
47. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary authorization of the RPCB.
48. The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of fire fighting equipment, etc. as per National Building Code 2005 including protection measures from lightening etc.
49. Regular supervision of the above and other measures for monitoring shall be in place throughout the construction phase, so as to avoid nuisance to the surroundings.
50. The project proponent shall fulfil in letter and spirit, all the commitments made /submitted to the SEAC office.
51. The Company shall provide stack of adequate height at the DG set (1 X 200 KVA) along with acoustic enclosures for noise control as per CPCB guidelines. The DG Sets shall comply with the norms notified under Environment (Protection) Act, 1986.
52. The PP shall obtain all requisite permissions/ approvals/clearances from concerning departments and district administration relating to project.
53. The PP shall procure required fresh water only from the authorized and legal source after approval from the competent Authority and such procurement of water shall be informed to RSPCB at time of applying for CTO/CTE.
54. The PP shall provide water flow meter at all suitable points to measure quantity of daily water consumption. Besides PP shall also provide water flow meters at waste water generation points, treated waste water, waste water recycled and utilized for plantation / gardening purposes. The daily record of this should be maintained properly in a logbook.
55. The PP shall dispose of the sludge of STP in Scientific manner.

56. The PP shall make compliance of the standards, for Noise and National Ambient Air Quality, as prescribed under the Environment (Protection) Act 1986.
57. The total waste water generation will be utilized and disposed as proposed.
58. The PP shall not discharge treated waste water in to any natural water flow or in to any water body but make efforts to utilize maximum of the treated effluent within the premises of the project.
59. The PP shall ensure that solid waste generated should be properly collected & segregated. Wet garbage should be composed and dry/inert solid waste should be disposed off at approved sites for land filling after recovering recyclable material.
60. The CFs/FLs / E-waste should be properly collected and disposed off/ sent for recycle as per the prevailing rules / guidelines issued by the regulatory authority. Use of solar panel also may be done to the possible extent.
61. The adequate measure should be taken to prevent odour problem from STP.
62. The PP should obtain prior Consent to Operate before commissioning of the project or handed over to the occupier.
63. The PP shall provide and maintain the O&G trap in good condition so that the O&G coming with waste water from Kitchen/laundry should retain in trap.

OPERATION PHASE

1. Total domestic water requirement during operational phase shall be 190.80 KLD (108.20 KLD Fresh + 82.60 KLD recycled), as proposed. The necessary permission of water supply should be submitted to RSPCB at the time of applying for CTE/CTO. 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.
2. An independent expert shall certify the installation of the Sewage Treatment Plants (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 prescribed under the Environment (Protection) Act 1986 or the standards laid down by the Rajasthan State Pollution Control Board.
3. Adequate measures shall be taken to prevent odour from solid waste processing and STP.
4. Proper system of channelizing excess storm water shall be provided.
5. 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.
6. The proposals on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency shall be implemented.
7. The power factor shall be maintained near unity.

8. 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.
9. The parking place shall have separate entry and exit points. 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.
10. Regular and periodic mock drills shall be undertaken by the fire department at least once in a year.
11. The D. G. sets to be operated with stack height as per EP Act, 1986 along with acoustic enclosure.
12. 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.
13. 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 waste.
14. 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.
15. 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 species.
16. Local species of trees and shrubs of shall be planted to allow habitat for birds with adequate distance from the boundary.
17. 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.
18. The PP shall provide adequate and proper compost pit for utilization of all the leaf litter and ensure that such waste should not be burnt.

General Conditions

1. 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.

2. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
3. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.
4. The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC. `
5. The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.
7. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and Environment, Government of Rajasthan, Jaipur.
9. The conditions of EC shall be enforced among 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, 2006, along with their amendments and rules.
10. The PP shall obtain prior clearance from forestry and wild Life angle including clearance from standing committee of National Board of Wild Life(as applicable). It is further categorically stated that grant of EC does not necessary implies that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of

clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.

11. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
13. Periodic monitoring of ambient air quality shall be carried out for PM10, PM2.5, SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.
14. Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
15. The ambient noise level should conform to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.
16. The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.