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State Level Environment Impact Assessment Authority, Rajasthan

Main Building, Room No. 5221, Secretariat, Jaipur.

E-mail: seiaaseiaa2018@gmail.com Phone no. 0141-2227838

No. F.1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat.85(a)B2 (18064)/2019-20

Dated: 7 MAR 2021

M/s. Akansha Infra Housing Projects Mr. Ghanshyam Gupta, Authorised Signatory Add. - 2 F 26 Vigyan Nagar, District - Kota (Rajasthan).

> Sub:-E.C for proposed Affordable Housing project "Akansha Deep Heights" (Under Chief Minister Jan Awas Yojna 2015) coming up at plot no.- R1, Roadways workshop scheme, Kunhari, Kota (Raj.) (Proposal No. 156658).

This has reference to your application dated 10.06.2020 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Appraisal Committee Rajasthan, in its meeting held on 12th to 13th January, 2021.

2 Brief details of the Project:

1.	Category / Item no. (in Schedule):	Cat.8(a)-B2						
2.	Location of Project	Plot No. R1, Roadways Workshop Scheme, Tehsil-Kunhari, District-Kota, State-Rajasthan.						
3.	Project Details	Are as under:						
		S.No.	Particulars	Details				
		1.	Total Plot area	6085.32 sq .m.				
		2.	Area for Facility	304.27 sq. m (5% of the total Plot area)				
		3.	Net Plot area	5781.05 sq. m.				
		4,	Gross Built up area	61,803.92 sq. m.				
		5,	Ground coverage	Permissible: 50% (2890.52 %) Propose: 47.13 % (2724.84 sq. m.)				
		6.	BAR area	Permissible : 2 (12170.64 sq. m.) Proposed : 8.78 (50,754.77 sq. m.) Available BAR : 3.375(19,511.04 sq. m.) Chargeable BAR : 5.4 (31,243.73 sq. m.)				
		7.	Green Area	1251.66 sq. m. (21.65%)				

		8.	LUTTO A	tal number o	EWS (1 LIG 2 BHK 3 BHK Other fa Comme m.) Informa sq. m.) Commu	BHK) : 2 : 3	16 no			
4.	Parking	Required two wheelers parking : 1400 nos. Provided two wheelers parking : 1402 nos. Required Car Parking : 14 ECU Provided Car Parking : 14 ECU Details of parking are given as: S. Details Two wheelers Cars Total ECU								
			No.	Basement	482	10 S CO 10 S	-	160.66		
			1121	floor						
			2	Stilt Floor	420		10	150		
			3	Ground Floor	500		4	170.66		
5.	The Course was	D = 0	0.0	Total	1402 (46	67.33)	14	481.32 (says 481)		
3.	Project cost	Rs. 88 Crores.								
7.	EMP Cost:	Capital cost : 190.25 lacs. Recurring cost : 16.35 lacs.								
8.	Water Requirement per day & Source	Total Water requirement : 391 KLD Fresh Water : 279 KLD Recycled Water : 112 KLD Source : Municipal Water Supply								
9.	Fuel & Energy:-	As under:								
		The second of th			33 kV JVVNL GSS					
		Electrical Load			Connected load : 4443.91 KW Maximum demand : 2279.48 KW					
		Transformer		Number						
					Capacity	pacity 2000 kVA 1600kVA				
		1000	91990W		Number	1	1			
		DG					320 kVA			
		DG			Capacity					
		DG			Fuel Used Fuel		sulp	hur content: 0.05%)		



0_	Environment	As under:						
	Management Plan with budgetary provision.	S. No	o. Particulars		Capital Cost (in lacs)	Annual recurring cost (in lacs)		
		L	STP		100 lacs	2 lacs		
		2	Rain	water harvesting	6 lacs	1 lacs		
Ŋ		3	Solid	waste management	3.25 lacs	7.45 lacs		
		4		ion monitoring	**	1.5 lacs		
		5	Fire f	ighting & emergency ing	50 Incs	1 lacs		
		6	Green	Belt	10 lacs 2.40 lac			
		7	Solar	Roof top Grid tide PV	21 lacs 1 lacs			
			TOTA	AL	190.25 lacs	16.35 lacs		
1.	CER Activities	An am	sount of R	s.88 lakhs has been allocat	ted for the CER facilities	S.		
	ils as under:-							
Sch	ool : Rajkiya Ucch Madhya	mik Vid	iyalaya Kı	inhari, Kota	Rs.70 lacs			
S. N+.	Particulars		Nos.	Cost/ Item	Total			
ľ	Renovation of existing School Building		4000 sq. ft.	@Rs.500/sq. ft.	Rs. 20 lacs			
	Construction of Boundary	wall		**	Rs. 5 lacs			
	Construction of New rooms		5 nos. (15x20)	@Rs.800/sq. ft.	Rs. 12.0 lacs			
	Construction of Library (Provision of books, stationary, and other facilities)		1 nos. (20x 20 ft)	@Rs. 800 /sq. ft	Rs. 3.2 lacs			
	Construction of Separate Toilets		8 пов.	@Rs.35,000/+ Rs. 2.8 lac				
	Plantation in school premises (Clearance, ground filling, leveling plantation, etc)			Rs. 5.0 facs				
	Construction of Rain water harvesting structure		1 no.	@Rs. 3,50,000/-	Rs. 3.5 lacs			
	Providing Solar PV		10 KW	@Rs.55000/-	Rs.5.50 lacs			
2.	Provisions of furniture (Table, Chairs, computer Almirah, etc)	tables	180 sets LS	@2000 each LS	Rs. 3.6 lacs Rs. 1.0 lacs			
3,	Construction of computer lab Computers Printer, networking, projector		Area: 500 sq. ft 10 nos. 1 nos.	@ Rs. 1000/ sft @25,000 each 100,000 (LS)	Rs. 5.0 lacs Rs. 2.5 lacs Rs. 1 lacs			
	Provision of RO with 5 years AMC		E		Rs, 0.25 lacs			
To	otal (A)		(i	: Rs. 70.35 l	acs Say Rs. 70 lacs			
В	. Development in the commu	nity are	a					
1.	Construction of Rain water harvesting			1 nos.	Rs. 3.0lacs			
2.	Construction of solar p center (500 sft) hi facilities		computer following	@ Rs. 800 / sft @Rs. 25,000 each	Rs. 4.0 lacs			
	Computer system (10 no	os.)		1.0 lacs (LS)	Rs. 1.0 lacs			



	Printer, networking Roof top Solar PV modules (10 KV		@Rs. 55,000/ KW	Rs. 5.5 lacs			
3,	Plantation along the road side no project site (100 nos.)(Vij Stadium)	Rs. 300/ plant + cost o manpower and maintenance	ofRs, 2.0 lacs e				
	Total			18 lacs			
	Total : (A+B) Rs.88 lacs						
2.	STP		water generated apacity cology	: 325 KLD : 350 KLD : MBBR Tec	chnology		
3.							
4.	Budgetary Breakup for Labour		al Cost ring cost per Annum	1,64,000/- 3,56,500/-			
As un	der						
52	Facilities to be provided for Labourers		Capital Cost		Recurring cost per Annum		
1	Temporary housing facilities for construction workers	100	nos. of temporary houses@ Total-10,00,000/-				
2	Sanitation facility Separate toilets Other charges		Rs.60,000/~				
			5nos.@ Rs.10,000/-eac other charges (Rs.10,00				
2	Safe Drinking water		Water Tank Rs.12,000/-		Rs.1,20,000/-		
4	Utensils		Rs.15,000/-				
5.	Fuel for cooking		Rs.7,000/-	Rs.3500/-			
6.	First Aid Facility	First	First aid room with equipped first-aid boxes and cupboards Rs.45,000/-				
3.	Medical Examination		*	Twice in a <u>year@Rs.300/-</u> for 20 nos. of workers Total -Rs. 1,08,000/-			
1.	Crèche & recreation facility		Rs.25,000/-		Rs.65,000/-		
9.	Education for their children				Rs. 50,000/-		
	Total		Rs.11,64,000/+		Rs. 3,56,500/-		

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC, Rajasthan in its 4.53rd Meeting held on 19.02.2021 hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

I. Statutory compliance:

i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.

ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable,

iii. 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 SiteSpecific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the sixmonthly compliance report. (incase of the presence of schedule-I species in the study area)

iv. 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.

v. The project proponent shall obtain authorization under the Hazardous and other Waste

Management Rules, 2016 as amended from time to time.

vi. 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.

II. Air quality monitoring and preservation

i. 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 recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every

quarter through labs recognised under Environment (Protection) Act, 1986.

iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) 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.

iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB

v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust

pollution and other fugitive emissions.

vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed. vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with

III. Water quality monitoring and preservation

i. 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)

ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects

iii. 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.

iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in

v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water this regard. from the premises shall be collected and discharged through a separate conveyance system.

vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant. vii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.

IV. Noise monitoring and prevention

i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.

ii. 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.

iii. 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.

V. Energy Conservation measures

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

VI. Waste management

 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.

ii. 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.

iii. The company shall undertake waste minimization measures as below:-

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 vapour recovery system.

f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. 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.

VIII. Safety, Public hearing and Human health issues

i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.

ii. 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.

iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.

iv. 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.

v. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

vii. 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.

IX. Corporate Environment Responsibility

i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment

Responsibility.

ii. The company shall have a well laid down environmental policy duly approve 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 / orshareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the SEIAA / MoEF & CC as a part of six-monthly report.

iii. 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.

iv. 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 SEIAA / Ministry/Regional Office along with the Six Monthly Compliance Report.

v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

i. 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.

ii. 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.

iii. 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.

iv. The project proponent shall monitor the criteria pollutants level namely; PMio, 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.

v. 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.

vi. 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.

vii. The project proponent shall inform the RSPCB / Regional Office of the MoEF & CC, 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.

viii. The project authorities must strictly adhere to the stipulations made by the State Pollution

Control Board and the State Government.

ix. 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.

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x. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA / Ministry of Environment, Forests and Climate Change (MoEF&CC).

xi. 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

xii. The SEIAA / MoEF & CC may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

xiii. The SEIAA / Ministry reserves the right to stipulate additional conditions if found necessary.

The Company in a time bound manner shall implement these conditions.

xiv. The Regional Office of the Ministry/ RSPCB/ SEIAA 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.

xv. 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.

xvi. 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.

> (P.K. Upadhyay) Member Secretary, SEIAA, Rajasthan.

No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 5(f)B2 (18064)/2019-20 Dated: Copy to following for information and necessary action:

 Secretary, Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.

2. Principal Secretary, Environment Department, Rajasthan, Jaipur.

3. Sh. R.K. Meena, IAS (Retd.), B-75, Shankar Vihar, 50 Feet Gaitore Road, Sawai Gaitor, Jaipur

4. Dr. Anil Kumar Goel IFS (Retd.), Forest Colony, Sector 4, Jawahar Nagar, Jaipur.

Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan Pollution Control Board, Jaipur.

Member Secretary, SEAC Rajasthan.

The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, https://doi.org/10.1007/phis.2007.
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8. Environment Management Plan- Division, Monitoring Cell, Environment, Forest & Climate Change,

Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.

 Sh. Jagbir Singh Manral, ACP, Department of Environment, Government of Rajasthan, Jaipur with the direction to upload the copy of this Environment Clearance on the website.

M.S. SEIAA, (Rajasthan)