Supplementary Agenda for the 163rd meeting of State Expert Appraisal Committee to be held on 13.03.2018 at 10.00 AM in the Committee Room, Punjab Pollution Control Board, Nabha Road, Patiala.

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Item No. 163.16: Application for environmental clearance under EIA notification dated 14.09.2006 for Integrated Industrial Estates namely "Super Mega Industrial Estate" in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala by M/s Vividha Infrastructure Pvt Limited (Proposal No. SIA/PB/NCP/17956/2016)

The facts of the case are as under: -

M/s Vividha Infrastructure Pvt Limited had applied for issuance of TOR under EIA notification dated 14.09.2006 for Integrated Industrial Estates namely "Super Mega Industrial Estate" in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala.

Environmental Engineer, PPCB, RO, Patiala was requested vide email dated 17.02.2017 to send the latest construction status of the project site. Environmental Engineer, PPCB, RO, Patiala vide its return email dated 21.02.2017 has reported that it is intimated that the application of the promoter company had also been received through the office PBIP, wherein, EE, RO, Patiala was asked to send the comments regarding suitability of site for the proposed project of M/s Vividha Infrastructure Pvt. Ltd., Village Chamaru, Ambala- Rajpura Highway, Tehsil Rajpura, Distt. Patiala. Accordingly, the site was visited on 28.11.2016 by the AEE and it was observed that the site falls in the revenue estate of Village Chamaru & Mehtabgarh, Tehsil Rajpura, Distt. Patiala. The total area of the project is 255 acres and no demarcation had been made at the site. However, at some places of the boundary, demarcation had been made by the promoter company.

The site had been again visited on 17.02.2017 by the regional office of the Punjab Pollution Control Board to verify the latest status of the site and reported that the promoter company has not yet started civil works of the project & status at the site remains same.

The case was considered by SEAC in its 155th meeting held on 23.02.2017, which was attended by the following on behalf of project proponent:

(i) Sh. A. Singh Rathore, Liaison Officer, Promoter Company

(ii) Sh. Sandeep Singh Dhanoa, FAE, M/s CPTL, Chandigarh, Environmental Consultant of the promoter Company.

Sh. Amrinder Singh Rathore submitted an authority letter wherein he has been authorized by Sh. Rajesh Shama, Authorized Signatory of the company to attend the meeting of SEAC on 23.02.2017. Further, Sh. Sandeep Singh Dhanoa submitted an authority letter dated 22.02.2017 wherein he (FAE) alongwith Dr. SatpalVerma (Tech. Manager) have been authorized by Sh. Sital Singh, CEO, CPTL to present the case of Vividha Infrastructure in the meeting of SEAC on 23/02/2017.The same were taken on record by the SEAC.

The SEAC allowed the project proponent to present the salient features of the project. The Environmental Consultant of the promoter company thus presented the salient features of the project as under: -

- The total area of the project is 255.28 acre, which includes industrial plotted area @189.40 acre, utilities (common facilities, reserve area, green belt @40.79 acre and area under road on open spaces @25.09 acre.
- The industrial estate has submitted CLU vide no. PBIP/STP/2016/658 dated 19.09.2016 from Department of Housing and Urban Development of Punjab for an area of 255.28 acres falling in Village Chamaru&Mehtabgarh, Tehsil Rajpura, Distt. Patiala subject to certain conditions. One of the condition is that applicant shall not make any construction within 100-meter radius of Cos Minar (Heritage monument) and shall also not construct any residential building within 300-meter radius of brick kiln.
- The names of the directors in the promoter company are Mr. F Fred Ebrahimi, Mr. Bradford C. Nelson &Mr. Surinder Kumar.
- The total cost of the project is Rs. 170 crore.
- The total water requirement will be 1884 KLD which includes green area requirement @1600 KLD (one time, thereafter, treated water) and water for the persons employed in the industry @284 KLD. The domestic waste water @227 KLD after treatment in an STP of capacity 250 KLD will be utilized onto land for plantation within premises.

- The project proponent in its reply to the EDS raised online has mentioned that all the industries will provide their own ETP and the promoter company will able to use1600 KLD treated water on green area generated from the industries. If any of industry generates extra waste water, then it will be responsibility of the plot owner to make appropriate arrangement for the disposal of the same. Further, no industry failing under category 1 to 7 of schedule of EIA Notification, 14.09.2006 will be allowed to setup in the proposed industrial estate.
- Total power requirement for the project will be 2.5 MW which will be provided by PSPCL. The project proponent has proposed to Silent DG sets as a backup in its premises.
- Solar lights will be provided for street lighting i.e. Solar cell powered street lights, CFL/LED Lamps will also be used. Total 300 KWh/day of energy will be saved through use of said energy.
- The project proponent also submitted a copy of acknowledgement for obtaining permission under Forest Conservation Act, 1980 from Forest Department regarding permission for passage to the site of Super Mega Industrial Estate.
- The project proponent has submitted the proposed Terms of Reference (TORs).

To an observation of SEAC, the project proponent submitted list of activities to be carried out during construction and operation phase.

After detailed deliberations in the matter, the SEAC decided to recommend to SEIAA to issue the following "Terms of Reference" to the project proponent for preparation of the EIA report:

A. Construction stage

1. The project falls under category **B-1** under item 8(b) Township and Area Development projects and requires an Environmental Impact Assessment Study for the entire site area (core zone)and an area of 10 kms radius around the project site (buffer zone) for one full season other than Monsoon.

2. Examine and submit the details of the environmental impacts due to brick kiln located near the project site& Environmental Impacts on the CosMinar (Heritage Monument) due to construction activity of the project
3. Examine and submit the details regarding two no. ETPs marked on the layout plan viz-a-viz- proposal to install individual ETPs by the Industrial units.
4. Examine and submit the details of the environmental impacts due to change of land use and land cover including aspects such as hydrological characteristics, imperviousness of land and drainage pattern being altered.
5. Examine and submit the details of the environmental impacts at the stage of construction of boundaries & fencing including its impact on the pattern of natural drainage and flooding pattern and barriers being constructed for restricting wildlife movement into project area.
6. Examine and submit the details of the environmental impacts due to leveling and landscaping including aspects such as excavation & filling of soil, clearing of vegetation, change of topography, development of plantation, green belt, lawns & parks and development of impervious areas.
7. Examine and submit the details of the environmental impacts due to excavation, transportation and filling of earth including aspects such as excavation, filling, sourcing, transportation and disposal of soil.
8. Examine and submit the details of the construction material to be used at the construction stage including aspects such as quarries and transportation, stone crushing and screening, mining & transportation of sand, soil excavation, transportation and filling.
9. Examine and submit the impacts being caused due to transportation of construction materials and men such as increase in traffic and load on public transportation facility, destruction and damage of transportation infrastructure, increase of risk due to road accident, pollution caused due to dust and tail pipe emissions and consumption of fuel by transport vehicles.

10. Examine and submit the details of the temporary housing and amenities to be created and used by the work force including aspects such as water supply, electrical energy and fuel supply.
11. Examine and submit the details of the environmental impacts at the stage of construction of roads, transportation facility and other physical infrastructure including aspects such as use of construction materials, excavation and /or filling of soil, generation of construction waste, creation of impervious surfaces, noise & suspended dust pollution and accidental risk.
12. Examine and submit the details of the noise pollution, air pollution, consumption of fuel and generation of scrap being caused due to operation and maintenance of construction machinery and equipment.
13. Examine and submit the details of the source and supply of water for construction activity.
14. Examine and submit the details of the source and quantity of power for construction activity.
15. Examine and submit the details of the fuel consumption, noise pollution, emissions of the exhaust gases, engine & coolant oil and batteries being discarded due to captive and emergency power generation.
16. Examine and submit the details of the handling of wastewater during construction including the domestic wastewater being generated from amenities.
17. Examine and submit the details of the environmental impacts at the stage of development of industrial buildings, commercial, institutional and other infrastructure including aspects such as construction materials to be used, earth work (excavation and/or soil filling), generation of construction waste, lighting, HVAC units, waste generation from packaging, residual paints and chemicals and their cans, Generation of wooden, glass, metal and other scrap materials, plumbing and sanitary waste generation, creation of impervious surfaces, noise pollution, suspended dust pollution and risk of accidents.

18. Examine and submit the details of the environmental impacts due to the laying of the water supply system including aspects such as use of piping, fittings ad pumps, water pumping stations, earth work and water treatment plant.
19. Examine and submit the details of the environmental impacts due to the laying of the sewerage and sewage treatment and disposal system including aspects such as use of construction material, piping, fittings ad pumps, earth work, laying of sewers & manholes, sewage pumping stations and sewage treatment plant.
20. Examine and submit the details of the environmental impacts due to the laying of the storm water drainage system including aspects such as use of construction material, piping, fittings and pumps, earth work, storm drains, storm water inlets and catch basins and storm water outfalls.
21. Examine and submit the details of the environmental impacts due to the electrical power system and street lighting to be provided including aspects such as construction materials to be used, distribution lines, cables, control panels, transformers and meters.

B. Operation stage

1. Examine and submit the details of the environmental impacts due to the Industrial, commercial, institutional& other proposed activities.
2. Examine and submit the details of the environmental impacts due to the facilities to be provided such as water supply, electrical power supply, fuel supply & consumption including LPG, transportation and communication.
3. Examine and submit the details of the environmental impacts on the CosMinar (Heritage Monument) existing within the site and other sensitive receptors in the core zone and the buffer zone.
4. **(a)**Examine and submit the details of the environmental impacts due to the water consumption, trade effluent and its treatment, sewerage & sewage treatment and disposal systems viz-a-viz availability of adequate land for its disposal.

   (b) Examine and submit the details of the environmental impacts due to storm water and its drainage system.

5. Examine and submit the details of the environmental impacts caused due to the generation of captive power & emergency power.
6. Submit the details of the management & handling of municipal solid waste, e-waste, hazardous waste, scrap, estate management, and construction and demolition waste management. The proposal of MSW should include the bio-composting of the organic waste.
7. Submit the details of the socio economic impact due to the employment to be generated from the household activities.

C. General

1. Other details as indicated in Appendix III of EIA Notification 2006 and the manual titled as "EIA guidance Manual-Building, Construction, Township and area Development projects" published by the Ministry of Environment & Forests, New Delhi, should also be attended.
2. Environmental aspects identified under some of the project activities may not be comprehensive and some of the significant aspects under some of the activities of the project in question might not have been identified. All such environmental aspects may be added to the list.
3. Some of the activities with their associated environmental aspects of the project in question might be of significant magnitude and not included in the list project activities. All such activities may be added to the list of project activities.
4. The project proponent may add additional project activities and environmental aspects, if any, fill the impact matrix (copy attached) and carryout significance analysis for identifying the significant environmental aspects. Scale, sensitivity and duration of impacts; type, size and frequency of environmental aspects; applicable legal requirements; and concerns of interested parties and local public may be used as the basis for the significance analysis of the environmental aspects.
5. In the EIA study each of the environmental aspects listed in the TOR should be quantified, their positive and negative impacts on different areas of impacts

should be identified and assessed and the results of such assessment should be reported in the EIA report.

6. In the Environment Management Plan, management of each of the significant environmental aspects (with identified and assessed significant environmental impacts) for mitigating the impacts should be objectively stated.
7. Environment Management Plan should include technical and institutional aspects for pre-treatment by constituent units.
8. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment.
9. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan.
10. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
11. Does the Environment policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
12. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions. Details of this system may be given.
13. Does the company have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the Company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.
14. Delineate the concrete proposal regarding activities to be undertaken under Corporate Social Responsibility programme, which should be long lasting in nature and should be as per the needs of a particular Village/area/ local habitats/ stakeholders to be adopted by the promoter company, which can be done by involving a person having knowledge and experience of socio-economic activities.
15. The EIA study report shall include mathematical modeling to assess the impact of the project on ambient air quality of the area adjoining to the project site.

The aforesaid 'Terms of Reference' will be valid for a period of three years from its issuance. The project proponent should prepare rapid EIA / EMP Report for its project based on above Terms of Reference. The EIA report shall also include wind rose diagrams for all the four seasons. The IMB data for the purpose of drawing windrose diagram for the seasons other than study period may be used. The final EIA be submitted to the SEIAA for appraisal.

The case was considered by the SEIAA in its 120th meeting held on 16.03.2017, which was attended by the following: -

(i) Sh. A. Singh Rathore, Chief Liaisoning Officer, Promoter Company

(ii) Smt. Sumitra Dutta, FAA, M/s CPTL, Chandigarh, Environmental Consultant of the promoter Company.

Environmental Consultant of the promoter company presented the salient features of the project before the SEIAA and requested for issuance of ToRs.

The SEIAA observed that in case the treated trade effluent of the individual industries is discharged into the sewer which leads to STP provided by the developer, it will be considered as CETP, which requires Environment Clearance under EIA Notification, 2006. Moreover, for individual industry before discharging treated trade effluent into sewer will be achieving standards as applicable for such discharges into sewer, whereas combined effluent after STP will be required to achieve different standards as applicable to CETP/proposed disposal arrangements. These aspects are also required to be examined by the project proponent in its EIA report.

The SEIAA looked into the details of the case and was satisfied with the same. Therefore, the Authority decided to accept the recommendations of SEAC and to issue Terms of Reference as proposed by the SEAC & an additional TOR that project proponent shall examine the aspects of requirement of Environment Clearance under different category in case combined trade & domestic effluent passing through a common sewer & treatment plant and applicability of standards for treated effluent of individual units for discharging into sewer viz-a-viz combined trade & domestic effluent passing through common sewer & treatment plant for different disposal arrangements.

The SEIAA also decided that the project proponent shall submit final EIA / EMP based upon the ToRs for Appraisal of its project to the SEAC.

Accordingly, the Terms of Reference were issued to the project proponent vide letter no. 337 dated 24.04.2017.

Now, the project proponent has submitted EIA report online on 07.03.2018 based on the earlier issued TORs.

The case is placed before SEAC for consideration.

Item No.163.17:Application for issuance of TORs for carrying out EIA study for obtaining Environmental clearance under EIA notification dated 14.09.2006 for expansion of mild steel billets manufacturing unit located in the revenue estate of Village Akalgarh and Bhagwanpura, Tehsil Nabha and Amloh, District Patiala and Fatehgarh Sahib,Punjab by M/s Madhav Alloys Pvt. Limited(Proposal no SIA/PB/IND/22288/ 2018)

The facts of the case are as under: -

Earlier, the promoter company was granted environmental clearance for the establishment of mild steel billets manufacturing unit of 3,00,000 MTPA capacity at Village Akalgarh and Bhagwanpura, Tehsil Nabha and Amloh, District Patiala and Fatehgarh Sahib in Punjab vide letter no J-11011/406/2010-IA-II (I) dated 16.03.2012 by the MoEF, New Delhi.

Now, the project proponent has filed application for issuance of TOR under EIA notification, 2006 for expansion of mild steel billets manufacturing unit located in the revenue estate of Village Akalgarh and Bhagwanpura, Tehsil Nabha and Amloh, District Patiala and Fatehgarh Sahib, Punjab.The project is covered under category 3(a) - Metallurgical Industries (ferrous & non-ferrous) of the Schedule appended to the said notification. The details of the project as given in form 1 and other documents are as under:

S. No.	**PARTICULARS**	**EXISTING**	**PROPOSED**	**TOTAL**
A	**EXISTING & PROPOSED CAPACITY OF FURNACES & ROLLING MILLS**			
1	Induction Furnace	2X25T, LRF, Concast	3X25TPH Induction furnace, LRF &Concast	
2	Rolling Mills	1 Rolling Mill	Nil	1 Rolling Mills
B	**PRODUCTS**			
1	MS Billets (TPA)	**3,00,000**	**2,25,000**	5,25,000
2	TMT Bars (TPA)	2,50,000	2,75,000	5,25,000
C	**RAW MATERIAL**			
1	MS Scrap (TPA)	2,80,700	212150	492850

2	Ferro-alloys(TPA)& Sponge, DRI	49,000	35450	84450
D	**Water requirement**			
	Domestic	32 KLD	5 KLD	37 KLD
	Cooling (makeup water)	150 KLD	75 KLD	225 KLD
	Others	30 KLD	15 KLD	45 KLD
	Total	212 KLD	95 KLD	307 KLD
E	**GENERALS**			
1	Project Cost (Crores)	125.4	12.70	138.15
2	Land (Acres)	22.08	NIL	22.08
3	Power (MW)	30	11	41
4	Manpower (nos)	754	104	858
5	Working days	24 hrs 350 working days in year		

- The industry has been granted consent to operate under Water Act, 1974 and Air Act, 1981 for the manufacturing of TMT Bars @ 250000 MTA & MS Billets @ 200000 MTA by using Sponge iron @110 MTD, Alloys @ 9 MTD, Nacl @ 0.2 MTD & MS Scrap @ 670 MTD as raw material by the Punjab Pollution Control Board, which are valid upto 31.03.2022
- No Wildlife Sanctuary &no Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains & reserve forest area fall within 10 km radius of the project.Industrial Land is registered in name of project proponent. The land is already used for industrial purposes. No additional land required for expansion. There will be no change in the land Use.

- 75 KLD of fresh water used for cooling purposes. Water required for the coil cooling of induction furnace is soft water quality and same is in the close loop water cooling system. No cooling waste is being discharged.Water requirement met through existing tube well.
- After expansion, 20 KLD waste water will be increased out of which 15 KLD from blow down/softening plant and 5 KLD from domestic effluent. Effluent treatment plant has already been installed for treatment of waste water generated from softening plant process. The waste water generated from domestic & cooling tower is being treated through Sewage Treatment and ETP plant and is being used for plantation within premises.
- **HAZARDOUS/SOLID WASTE:**

  Existing: -

  25T of slag is being used in filling of Low lying area and in road making. Used oil from DG (100 liter/annum) sets is used as lubricants in the industry. 1.03TPD dust from APCD is being store in the impervious tank and same is sent to TSDF. Sludge generated (7 kg/annum) from ETP is being stored in impervious pit & disposed off as per norms of state pollution control board.

  After Expansion: -

  The total quantity of slag after expansion will be 82.5 TPD and will be used for filling of low lying area. The project proponent will install one new DG set under expansion and after expansion the quantity of hazards waste will be 150 Liters/annum. APCD dust after expansion will be 5 TPD and will be sent to TSDF. ETP Sludge after expansion will be 12 Kg /Annum.
- Rs. 150.0 lacs towards Environment Protection will be spent.
- Baseline data for the proposed plant will collected immediately after monsoon season**.** Primary data will be collected by monitoring & surveying of various environmental components/ parameters in the core zone during the study period, details of which are given as under:-

S. NO.	PARAMETERS	DESCRIPTION
1	Meteorology	Meteorological parameters on hourly basis at project site. Parameters: Temperature, Relative humidity, Wind Speed & Wind Direction.
2	Air	Ambient air quality monitoring (24 hourly), twice a week. Parameters are PM_{10}, $PM_{2.5}$, SO_2, NO_2& CO. No. of Locations: 8 locations in core and buffer zone.
3	Noise	Noise level monitoring (Day & Night time), once in a season. No. of Locations: 8 locations in core and buffer zone.
4	Water	Ground water sampling, once in a season. No. of Locations: 8 locations in core and buffer zone. Tested for physical and chemical parameters.
5	Soil	Soil sampling, once in a season. No. of Locations: 6 locations in core and buffer zone.
6	Biological Factors	Biodiversity survey, once in a season. Location: Core and buffer zone.
7	Socio-economic Environment	Socio-economic survey, once in a season. Location: Core and buffer zone.

The Environmental Impact and Management Plan is given as under:

PARTICULARS	DETAILS
Impact on Air	
Construction/ Operational Phase	Air emissions both gaseous and fugitive from proposed plant will be on account of process emissions from stacks of existing Induction furnace & proposed Furnace as well as DG. Sets. The mitigation measure adopted as under: ➢ The main raw material and product will be brought in and dispatched by road through covered enclosures. ➢ All the vehicle owners will have valid PUC Certificate ➢ All vehicles are loaded up-to prescribed limit during transportation. ➢ Dust suppression on haul roads will be done at regular intervals. ➢ Latest technology pollution control equipments like Multi-cyclone/bag filter is/will be provided.

Air Quality Management:	
Emissions Management	➢ A stack of 40mt height equipped with Bag filter is/will installed with the Induction furnace to control the particulate and gaseous emissions due to combustion of fuel. ➢ All the roads are asphalted to control the fugitive dust emissions ➢ Proper servicing & maintenance of vehicles is/will be carried out. ➢ Green Belt around the periphery and within premises is/will be provided.
Monitoring Management	Ambient air quality and stack emission will be regularly monitored to ensure that ambient air quality standards and suggested limits on stack emission loads would be met honestly at all the time.
Impact on water	
Construction/ Operational phase	Water requirement of the plant will be meeting from existing tube well. Roof top rain water will be recharged to compensate ground water.
Water Management	
	➢ Fresh water requirement of the project will be met by existing tube well. ➢ Domestic waste water generated from the plant is/will be treated in Sewage treatment Plant and treated water is/will be used in green belt development. ➢ The cooling water will be re-circulated and cooling blow down will be dispose off through Effluent Treatment Plant. ➢ Effluent Treatment Plant is already installed for treatment of trade effluent generated from cleaning process.
Impact on Noise	
Construction/ Operational Phase	The expected noise levels of some of the proposed equipment like Pumps (82-95 dB (A), Induction furnace (95-105 dB (A), DG sets (100-120 dB (A). The above noise levels worked out are without mitigation measures. With the mitigation measures the noise levels will be further restricted within very short distance from

	the source point. The operators/personnel working near the noise sources in the Plant will be provided with earmuffs and earplugs Green belt will be developed around the plant premises which will act as noise abatement measures.
Noise Management	
	➢ There will be no danger of noise pollution from plant. The green belt (plantation of dense trees across the boundary) helps in reducing noise levels in steel plant as a result of attenuation of noise generated due to plant operations and transportation. ➢ Earmuffs will be used while running the equipments of the plant. ➢ D.G sets will be provided with acoustic to control the noise level within the prescribed limit. ➢ A high standard of maintenance will be practiced for plant machinery and equipments, which helps to avert potential noise problems. ➢ Personal Protective Equipment like earplugs and earmuffs will be provided to the workers exposed to high noise level. ➢ Regular monitoring of noise level will be carried out.
Solid Waste Management	
Management	➢ APCD dust is being sent to TSDF. and slag from process is/will send to low lying area for final disposal.
Green belt Management	
Management	➢ Green belt development in and around the plant site helps to attenuate the pollution level. ➢ Out of the total plant area approx. 25% land is already developed as green belt and it will be maintained in future also. ➢ Green belt has been developed as per Central Pollution Control Board (CPCB) guidelines. ➢ Native species have been planted in consultation with the local DFO.

- The details of the document submitted with the application are asunder:-

1.	Properly filled Form 1 and basic information	Yes
2.	Pre-feasibility Report	Submitted
3.	Proof of ownership of land	Submitted
4.	Copy of Memorandum of Article & Association / partnership deed / undertaking of sole proprietorship / list of Directors and names of other persons responsible for managing the day-to-day affairs of the project.	Submitted
5.	Draft ToRs	Submitted
6.	List of accredited EIA consultant organization with accredited sector of NABET	Submitted

As per requirement of OM dated 07.09.2017 issued by MoEF&CC, New Delhi, the Northern Regional office, Chandigarh of the Ministry has been has been requested vide letter no. 319 dated 09.03.2018 to send the certified compliance report the previously granted Environmental Clearance to the project.

The case is placed before SEAC for consideration.

Item No.163.18: Application for obtaining ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Residential Apartment Complex namely "Jalandhar Heights-II" in the revenue estate of Village Pholriwal, Tehsil & District Jalandhar, Punjab by M/s A.G.I. Infra Limited. (Proposal no.SIA/PB/NCP/22280/2018)

The facts of the case are as under: -

Earlier, M/s A.G.I. Infra Limited was granted environmental clearance for construction of residential apartment complex namely "Jalandhar Heights-II" in a total plot area as 41703 m^2 (10.31 acres) and having total built up area as 145366 sqm in the revenue estate of Village Pholriwal, Tehsil & District Jalandhar by SEIAA, Punjab vide letter No. No. 914 dated 05.05.2017.

Now, the promoter company has applied for ToRs for carrying out EIA study for obtaining environmental clearance under EIA notification dated 14.09.2006 for expansion of a Residential Apartment Complex namely "Jalandhar Heights-II" in the revenue estate of Village Pholriwal, Tehsil & District Jalandhar, Punjab. The project is covered under category 8 (b) of the Schedule appended to the said notification. The details of the project as given in Form 1 and 1A and other documents are as under:-

Description	Existing	Proposed	Total
Total land area	~41703 m^2 (~10.31 acres)	~46760 m^2 (~11.57 acres)	88463 m^2 (21.88 acres)
Total built-up area, m^2	~145366	~184601 m^2	~329967 m^2
No. of apartments	689	701	1390
Area under parks/green area, m^2	~10693 (~25.6%)	~9504	20445 (23.1%)
Parking required, ECS	~1313	~1433	~2746
Parking to be provided, ECS	~1351	~1431	~2782
Resident population	~3450	~3500	~6950
Gross water demand	520m^3/day	880m^3/day	1400m^3/day

Fresh water demand	~400 m^3/day	~700 m^3/day	~1100 m^3/day
Waste Water Generation	~420 m^3/day	~700 m^3/day	~1120 m^3/day
MSW generation	~1600 kg/day	~2400 kg/day	~3000 kg/day

- The project proponent has submitted that the intended land use conforms to the Master Plan of Jalandhar.Land falls within LPA of Jalandhar and meant to be developed as residential area as per the master plan.
- The company has acquired an additional land measuring 11.894 acres adjoining the Jalandhar Heights -2. The total land area comes to 21.879 Acres after area left for road widening.
- After expansion, there will be 172 flats of 2 Bhk, 558 Flats of 3Bhk, 533 flats of 4 Bhk , 127 flats of 1 Bhk under EWS.
- 1100 KLD will be net fresh water requirement and requirement will be met through ground water for which permissionfrom DAC/ CGWA will be obtained.
- The company will install a treatment plant of required capacity to treat the sewage water and reuse it for dual plumbing, greenery and other uses. Surplus water will be disposed in the sewer maintained by the Corporation by laying a sewerage line upto the MC sewerage. However, a portion of the water will be treated in house in order to reuse it for greenery, dual plumbing, car washing etc.
- 1120 KLD domestic wastewater to be treated and partially reused for sanitation (flushing) and partially for green area. Remaining treated wastewater to be disposed into public sewer. Treated wastewater reuse potential for sanitation use (in toilet flushing) is more than 320 m3/day. In the conceptual layout plan, 22.87% area will be kept as green area.
- 3000 kg /day MSW will be segregated, collection and disposed through MC, Jalandhar for which NOC has been obtained.
- Approval is required under Forest (Conservation) Act, 1980, for about 0.009686

Ha of forest land for approach road, which is under perusal.

- During construction phase, Construction water requirement to be met through treated wastewater from the STPs in vicinity. Domestic water requirement (for labours/workers) to be met through ground water.During operation phase, Water requirement to be met through ground water
- Electrical energy requirement of the project will be 7500 kW , which will be met through state electricity supply.
- Isolation or noise treatment (e.g., acoustic chamber for DG sets) will be provided for machinery/equipment causing noise.
- Solar panels will be installed to generate power to cater to the common area requirements of the society
- The project proponent has submitted the proposed Terms of Reference (TORs).

The details of the documents submitted with the application are as under:

1.	Properly filled Form 1 & pre-feasibility report	Yes
2.	Proof of ownership of land	submitted
3.	CLU status and approved drawing	submitted
4.	Memorandum of Articles & Association and Names of person responsible for day to day affairs of the project.	Submitted
5.	List of accredited EIA consultant organization with accredited sector of NABET	submitted

As per requirement of OM dated 07.09.2017 issued by MoEF&CC, New Delhi, the Northern Regional office, Chandigarh of the Ministry has been has been requested vide letter no. 320 dated 09.03.2018 to send the certified compliance report the previously granted Environmental Clearance to the project.

The case is placed before SEAC for consideration.