

**Item No. 178.17: Check List for the application of Environmental Clearance for Building & Construction Projects**

- i) Name of the project :
- ii) Name of Applicant & Designation :  
Correspondence address:  
Mobile No:  
Email ID:
- iii) Name of Environmental Consultant :  
Mobile No.  
Email ID
- iv) Nature of project : Fresh/Expansion

**Check list for the documents**

Sr. No	Detail of the Document	Submitted /Not Submitted/ Not applicable	Reference page no. as per Hard copy																														
1.	Duly filled Online Form-1. <b>No Column shall be left blank.</b>																																
2.	A copy of Power Point Presentation.																																
3.	Breakup of total cost of the project at current price for which TOR/EC is required: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sr. No</th> <th>Description</th> <th>Existing Cost</th> <th>Proposed Cost</th> <th>Total Cost (Rs. in Crores)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Land</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Building</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>Plant &amp; Machinery*</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>Others</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">Total cost</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>*P&amp;M include cost towards APCD/ETP/STP/ OCEMS etc.</p>	Sr. No	Description	Existing Cost	Proposed Cost	Total Cost (Rs. in Crores)	1	Land				2	Building				3	Plant & Machinery*				4	Others				Total cost						
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4.	Details of processing fee (As per Punjab Govt. order dated 27.06.2019) such as amount, mode of payment & transaction details																																
5.	Copy of MOA / Partnership Deed / Undertaking of sole proprietorship / List of Directors etc.																																
6.	a) In case Forest / PLPA land is involved, applicant will be required to submit a copy of the application filed for diversion of Forest Land with the concerned DFO for Stage 1 clearance under the Forest Conservation Act. Applications will thereafter be processed for Grant of TOR / EC. However, final EC will not be issued till the Stage 1 approval for diversion of Forest land has been granted by the MOEF&CC.  b) In case no Forest / PLPA land is involved, Project Proponent will provide a self-declaration to this effect. Application will be processed for grant of EC on the basis of this self-declaration. However, Project Proponent will be required to submit NOC from																																

	the concerned territorial DFO that no Forest / PLPA areas are involved before the EC is issued.										
7.	Whether the project is located in the notified Eco Sensitive Zone if so whether the project activity is permissible in the ESZ Notification. Attach a copy of the Notification. Also submit distance from the nearest wet land.										
8.	The application for EC / TOR by the project proponent shall include the details of Wildlife areas (Sanctuaries / Protected areas etc) involved or a self-declaration to the effect that no Wildlife area is involved in the project. Applications will be processed for Grant of TOR / EC on the basis of the self-declaration. However, if any Wildlife area is involved the project proponent shall submit all requisite NOC's for the same before the grant of Environmental Clearance. In case no Wildlife area is involved, the self-declaration of the Project Proponent to this effect is required to be certified by the concerned Divisional Forest Officer Wildlife before grant of EC										
9.	Colored copy of topo sheet of the study area of radius of 10 km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet indicating all eco-sensitive areas, wildlife sanctuaries etc. if any										
10.	Colored Layout plan with legend indicating the following utilities on A1 sheet: (i) STP/ETP/APCD (ii) Solid/Hazardous waste storage area (iii) Rain water harvesting/Storage tank/recharging pits (iv) Green belt area with block wise details of trees planted (v) Location of Tubewells (Existing/Proposed) (vi) Parking area indicating no. of vehicles. (vii) Traffic circulation system (viii) Firefighting equipment layout (ix) First Aid Room (x) DG Sets and Transformers. (xi) Location of Sewer/Any other utility etc.										
11.	Drawing showing plumbing systems for use of fresh and treated wastewater w.r.t colour coding of the different lines as under:- <table border="1" data-bbox="300 1518 1062 2022"> <thead> <tr> <th>Nature of the Stream</th> <th>Color code</th> </tr> </thead> <tbody> <tr> <td>Fresh water</td> <td>Blue Color</td> </tr> <tr> <td>Untreated wastewater from Toilets/ urinal (WC waste having odors &amp; high e-coli / f-coli) &amp; from Kitchen (Utensil washing containing high Oil &amp; Grease, vegetable residues, soft drinks / milk/ tea residue and concentrated cleansing agents like dishwasher &amp; detergents etc.)</td> <td>Black color</td> </tr> <tr> <td>Untreated wastewater from Toilets/ urinal (WC waste having odors &amp; high e-coli / f-coli) &amp; from Kitchen (Utensil washing containing high Oil &amp; Grease, vegetable residues, soft drinks / milk/ tea residue and concentrated cleansing agents</td> <td>Grey color</td> </tr> </tbody> </table>	Nature of the Stream	Color code	Fresh water	Blue Color	Untreated wastewater from Toilets/ urinal (WC waste having odors & high e-coli / f-coli) & from Kitchen (Utensil washing containing high Oil & Grease, vegetable residues, soft drinks / milk/ tea residue and concentrated cleansing agents like dishwasher & detergents etc.)	Black color	Untreated wastewater from Toilets/ urinal (WC waste having odors & high e-coli / f-coli) & from Kitchen (Utensil washing containing high Oil & Grease, vegetable residues, soft drinks / milk/ tea residue and concentrated cleansing agents	Grey color		
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	Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common RO has been proposed in the Project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White color																										
	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water	Green																										
	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water	Green with strips																										
	Storm water	Orange Color																										
12.	a) Colored copy of approved Master Plan of the area indicating the project site on A3 sheet conforming the project permissible in the area. b) In case approved master plan of area is not available, certificate from the Department of Town & Country Planning or concerned authorities to support the claim that the project is permissible in the area.																											
13.	Co-ordinates of all the corners of the project site as per following:																											
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14.	Submit proof of ownership of land (as per the latest Jamabandi ) or letter of intent from seller regarding the sale of project land, in the following format: -																											
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15.	Layout plan duly approved by the Competent Authority / Conceptual plan of the project.																											
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16.	Contour Plan reflecting the true existing physical features of the site w.r.t. some permanent bench mark.																											
17.	Compliance report of Terms of Reference and documentary proof in support of the compliances in B1 category of cases.																											
18.	500 meter radius map of the area from periphery of project site clearly indicating the various industries (specifically red category industries) and structures lying in the area.																											

19.	Construction schedule (PERT/CPM Chart)					
20.	Parking requirement with provisions made					
21.	Attach analysis reports of ambient air, ground water and noise levels from NABL/MoEF Accredited laboratories along with following documents. (i) Copy of field data sheets (ii) Exact location of sampling / monitoring point marked on the layout map (iii) Copy of email sent as 72 hrs advance intimation notice to SEIAA/SEAC regarding collection of samples.					
22.	Self-Declaration regarding no litigation is pending against the project. If yes, details thereof to be provided.					
23.	Undertaking(s) for; (i) Constitution of Environment Monitoring Cell which shall be responsible for implementation of EMP (ii) Use of ready-mix concrete or use of fly ash during construction. (iii) To provide Fire Fighting System. (iv) To provide safety measure. (v) To provide adequate safety measures for the construction workers during the construction phase. (vi) Compliance of various environmental regulations.					
24.	Breakup of Water Requirements & its source in Operation Phase: i) Population when fully Operational: _____ Nos ii) Calculate total domestic and fresh water demand as under: -					
	S.No.	Season	Total water demand (KLD)	Flushing water requirement (KLD)	Fresh water demand (KLD)	
		Basis	@____ Lpcd	@____ lpcd	@____ lpcd	
	1.	Summer				
	2.	Winter				
	3	Rainy				
	iii) A letter from concerned Local Body / Authority regarding the availability of the water supply in the area, exact position of water supply line duly marked on the layout map / plan and providing the water supply to the proposed project. iv) A copy of acknowledgement along with set of application filed to CGWA /Competent Authority for obtaining permission for abstraction of ground water.					
25.	Water balance chart for Summer, Rainy and Winter seasons					
26.	<b>Details of Effluents/Waste Generation</b>					
ii)	Waste water generation & its disposal Arrangement in Operation Phase:					
	Details	Unit	Max. Qty. of Waste water.	Technology for treatment	Ultimate Disposal*	

	Domestic effluent	KLD					
	Any other						
	Sr. No.	Season	Flushing purposes (KLD)	Green Area sqm (KLD)	MC Sewer * (KLD)		
	1.	Summer					
	2.	Winter					
	3.	Rainy					
	<p>*A letter from concerned Local Body / Authority regarding availability of the existing sewer.</p> <p>a) if available, MC should clarify that the existing MC sewer has adequate capacity to take care the hydraulic load of the project and has no objection for the acceptance of treated waste water.</p> <p>b) If not available, the time frame for laying the MC sewer up to the project site.</p> <p>Or</p> <p>Details regarding the availability of adequate land for use of treated sewage for plantation purposes.</p>						
iii)	Solid Waste generation, its mode of disposal and copy of Agreement made/waste take of letter from the local body.						
iv)	Details of Hazardous/E- Waste & their storage, utilization, disposal and copy of Agreement						
27.	Energy requirements & savings:						
	S. No.	Description	Unit	Existing	Proposed	Total	
	1.	Power load	KW				
	2.	D.G sets	KVA				
	Energy Conservation measures, quantification of energy saved and renewable energy devices used as proposed in Punjab Energy Conservation Building Code (PECBC).						
28.	Rain Water Harvesting & recharging proposal						
29.	<p>Action plan for green belt development</p> <p>a) No of tree to be planted against the requisite norms of 1 tree @ 80 sqm of total area.</p> <p>b) Percentage of the area to be developed.</p> <p>c) Maintenance plan for 3 years indicating cost to be incurred</p>						
30.	<p><b>Environmental Management Plan</b></p> <p>a) Details of constitution of Environment Monitoring Cell responsible for implementation of EMP</p> <p>b) Details of technology proposed for control of emissions &amp; effluents generated from project and other mitigation measures:</p>						
	Sr. No.	Details		Capital Cost (In Lacs)	Recurring Cost (Lacs/annum)		

	(i)	During Construction phase					
	(ii)	During Operation phase					
31.	Corporate Environmental Responsibility (CER)						
	Sr. No.	Activities as per OM dt. 01.05.2018	Cost (Rs. Lacs)	Timeline			
				Start Date	End date		
	1.						
	Total						
Copy of NOC from the village Sarpanch, Certificate from the School Principal & concerned Govt. Departments etc., as applicable on case to case basis.							

**Additional points for expansion project**

1.	Copy of the EC granted to the existing project along with self-compliance report of the EC conditions.		
2.	All the columns in the application form may be got filled in three parallel columns i.e. Existing, Proposed and Total after expansion.		
3.	In case of increase in no. of story's, Structural Safety/ Stability Certificate be submitted from the reputed approved Engineer/institution along with approval certificate.		
4.	The existing building plan be got super imposed with the proposed building plan and be marked in different colors. Submit colored drawing on appropriate readable size.		
5.	Specify the adequacy of internal water supply system, sewer line and STP for the proposed expansion/revision		

**Additional points for extension in the validity of the project**

1.	In addition to certified compliance report from the Regional Office MOEF&CC for expansion Projects, those seeking amendments / extensions / modifications etc. will be required to submit a self-certified detailed "Compliance status report" to demonstrate that they have been complying with the conditions imposed in the original EC.		
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Note:

- (i) For more details, please visit official website of DECC i.e. [www.decc.punjab.gov.in/environmental-clearances/seiaa-seac/](http://www.decc.punjab.gov.in/environmental-clearances/seiaa-seac/)
- (ii) Submit a hard copy of the accepted application along with system generated acknowledgement, within 48 hours on the following address:  
Member Secretary (SEIAA),  
Directorate of Environment & Climate Change,  
MGSIPA Complex, Sector-26 Chandigarh-160019

I hereby declare that the information given in this application are true to the best of my knowledge & belief and no facts have been concealed thereof. I am aware that in case, if any information submitted

was found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.

Date:

Place:

Signature of the applicant  
With full name and address  
(Project Proponent / Authorized Signatory)