



# PIMPRI CHINCHWAD MUNICIPAL CORPORATION

An ISO 9001:2008 Certified Organization

## ENVIRONMENTAL - SELF DECLARATION FOR PIMPRI CHINCHWAD MUNICIPAL CORPORATION DEVELOPMENT AUTHORITY - Category 1

(5000 to less than 20,000 sq.mt.)

<b>1</b>	<b>Topography &amp; Natural Drainage</b>	
a.	Whether there exists any natural drain system in the site?	Yes / No
b.	If yes, then	Will ensure that the natural drain system will be maintained by bioswale or any other sustainable urban drainage system (SUDS) and that the flow of water shall at all times remain unrestricted. Details are as per <b>Annexure 6</b>
<b>2</b>	<b>Water conservation – Rain water harvesting &amp; ground water recharge</b>	
a.	Whether hydro-geological report as been submitted	<b>Annexure 10</b>
b.	Rain water harvesting layout plan	<b>Annexure 11</b>
c.	All fixtures to be water efficient by using low flow aerators.	Yes
d.	Storage and reuse of rain water	_____ m <sup>3</sup>
e.	Number of recharge bores ( at least 1 bore per 5,000 sq.m of net plot area)	_____ Nos.
f.	Mandatory Open Space area (in Sq.m)	_____ Sq.m
g.	Area equivalent to at least 20% of mandatory open space should be pervious in the project	_____ Sq.m
<b>3</b>	<b>Waste Management</b>	
a.	Separate dry & wet waste bins for each unit and at ground level for segregation of waste must be provided.	Yes
b.	Is the site in the vicinity of municipal sewage network?	Yes / No
c.	If No, then type of onsite treatment method proposed: Septic tank / effluent treatment / other natural treatment system.	<b>Annexure 13</b>
d.	Disposal of excess treated effluent shall be as per CPCB norms and the sludge shall be disposed as per CPHEEO manual on sewerage and sewerage treatment system, 2013	Yes

e.	Compliance of Solid waste (Management) Rules 2016, E-waste (Management) Rules 2016, Plastics Waste (Management) Rules 2016.	Yes
<b>4</b>	<b>Energy</b>	
a.	Energy conservation as per ECBC guideline	Yes
b.	Outdoor & Common Area lighting shall be LED	Yes
e.	Solar/ wind / hybrid renewable energy installation ( at least 1% of demand load)	_____ KW (Total Demand Load _____ KW) Plan is attached as <b>Annexure 23</b>
f.	<u>Commercial and institution buildings.</u> Solar water heating system providing at least 20% of hot water demand.	_____ m <sup>3</sup> (Total Hot Water Demand ____ m3)
g	<u>Residential Buildings</u> Solar water heating system to be provided as per the DC rules.	_____ m <sup>3</sup>
h.	Passive Solar Designed Building by use of any of the following : Building Orientation, landscaping, effect building envelope, appropriate fenestration	Yes
i.	ECBC compliant u-values for walls, windows and roof	Yes
<b>5</b>	<b>Air Quality &amp; Noise</b>	
a.	Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Yes
b.	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Yes
c.	Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Yes
d.	All construction and demolition debris shall be stored inside the site only (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and	Yes

	construction waste shall be managed as per the provisions of the Construction and Demolition waste Rules 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material/debris or working in an\ area with dust pollution shall provided with dust mask.	
e.	Ventilation provisions will be designed to maintain indoor air quality as per National Building Code of India.	Yes
<b>6.</b>	<b>Green Cover</b>	
a.	Total number of existing trees on site	_____ Nos.
b.	Total number of trees to be cut ( to be compensated in ratio of 1:3 if cut after due permission)	_____ Nos.
c.	Total number of trees required (as per 1 tree per 80 sq.m of net plot area )	Net plot area_____ sq mt. Total number of trees required_____ Tree plantation plan is attached as <b>Annexure 16</b>
e.	Preference should be given to planting of native species of trees.	Yes

I hereby declare that the above information is to the best of my knowledge and undertake to comply with the same.

(Name & Signature of Project Proponent)

**This is to Certify**

That the above declaration is in accordance with the site condition and as per rules & guidelines published by MoEF & CC and Government of Maharashtra Urban Development Department.

**Qualified Building Environment Auditor**

**Name:**

**Address:**

**Signature:**