SETAM 40 YTIJIBAJIAVA MUMIT9O

(INDICATIVE)

to the development. highlighting the total water which will be supplied quantity) from the local municipal authority assurance on the supply of the required water and submission of approval documents (with Detailing the total water requirement for the site

CONTACT

DETAILS



Building

Material

Solid Waste

Management

Social

Aspects

SITE SELECTION (MANDATORY)

regulations, and others if the site falls under any such area. of 30 meter minimum around the FIL), various hazard prone area no construction is permitted in the water spread and buffer belt separately as specific guidelines), water body zones (in such zones, regulations, heritage areas (identified in the master plan or issued with the provisions of eco-sensitive zone regulations, coastal zone master plan/UPPFI guidelines. Compliance should be demonstrated The site plan must be in conformity with the development plan/

LIVABILITY INDEX

BUILT-UP AREA PFFORDABLE HOUSING

YAMY 19q as bedoleveb gried si

Submit approval letter issued by

ULB's*) confirming that the project

government agency (Central/State/

THRESHOLDS (ESSENTIAL)

seulebing/emedoze,

*any other govt. agency

Email: info@grihaindia.org; Website: www.grihaindia.org

A-260, Bhishma Pitamah Marg, Defence Colony, New Delhi - 110 024 Tel. +911146444500/24339606-08, Fax: +911124682144&24682145





Bonus

Points



'India's Own rating system for Green Buildings'

- India's INDCs (Action plan to combat climate change)

GRIHA Council GRIHA Council is an independent not for profit society jointly set up by The Energy and Resources Institute (TERI) and the Ministry of New and Renewable Energy (MNRE) to promote the development of sustainable buildings and habitats in India.

About

About **GRIHA** GRIHA (Green Rating for Integrated Habitat Assessment) is a Sanskrit word meaning-'Adobe'. **Human Habitats (buildings)** interact with the environment in various ways. GRIHA attempts to minimize a building's resource consumption, waste generation, and overall ecological impact within certain nationallyacceptable limits/benchmarks

GRIHA FOR AFFORDABLE HOUSING



Energy &

Occupant

Comfort

Water Savings

What is **GRIHA AH?**

GRIHA for Affordable Housing (AH) rating is a dedicated assessment cum rating tool to integrate sustainability in the affordable housing to be constructed in line with *Pradhan Mantri Awas Yojna* (PMAY). The rated buildings will enjoy enhanced energy and water performance and increased thermal and visual comfort; ultimately resulting in decreased operational and maintenance costs. GRIHA for Affordable Housing rating is designed with underlining objectives, such as reducing costs, incorporation of cost - effective sustainability measures attaining environmental impact reduction, simplicity in execution, alignment with local and national goals, and cost effectiveness.

Fee **STRUCTURE**

S.No	Built-up Area	Registration Cum Rating Fee
1.	Built-up Area 5,000 sq.m & below	INR 3,00,000 + taxes
2.	Above 5,001 sq.m	INR 3,00,000 + additional built up charged @ INR 9/Sq. m + taxes

- Fee for orientation workshop= INR15000 + taxes (optional).
- All travel and accommodation of GRIHA professionals, for outside Delhi projects, is not included in the above cost and shall be arranged by the client.

Unique Features of **GRIHA AH**

- GRIHA AH rating is a dedicated assessment-cum-rating tool.
- A simplified system which assists architects in designing as well as rating the affordable housing projects.
- Entirely calculator based tool with pre-fed data (no simulation results required).
- Designed for different climatic zones and incorporates regional variations.
- Point weightages of different sections (Based on AHP survey).
- No points for mandatory appraisal/criterion.
- Non-linear point distribution.
- Requirements modified specifically for Residential building typologies.
- Post certification sensitization program for the residents.

SECTIONS AND THEIR UNDERLYING CRITERIA

Site Planning

- Low Impact Design
- Design to mitigate UHIE (Urban Heat Island Effect).
- Preservation and Protection of Landscape during Construction.
- Storm Water Management.
- Reduction in Air and Soil Pollution during Construction.

Energy & Occupant Comfort

- Envelope Thermal Performance.
- Occupant Visual Comfort (Daylight).
- · Efficient Lighting.
- Energy Efficient Equipment.
- Renewable Energy.
- Energy Metering.

Water Savings

- Efficient use of water during construction.
- Optimization of building & Landscape water demand.
- Water reuse.
- Water Metering.

• Reduc

• Construction waste management.

Solid Waste

Management

 Post construction waste management. Sustainable Building Material

- Reduction in environmental impact of construction.
- Use of low environmental impact materials in building interiors.
- Use of recycled content in roads and pavement.
- Low VOC paints, adhesives, sealants and composite wood products.
- Zero ODP insulation and fire systems.

Social Aspects

- Facilities for Construction workers.
- Universal accessibility.
- Proximity to Transport and Basic Services.
- Environmental awareness.
- Tobacco Smoke Control.
- Water Quality.
- Provision of access to clean sources of cooking fuel.

Bonus Points

• Bonus Points

THE RATING PROCESS

