

No. 5/55/2013-14/GB
Government of India
Ministry of New and Renewable Energy
(Solar Energy Group)

Date: 11.08.2014

Invitation of Applications for Awards under the
“Energy Efficient Solar/ Green Buildings” Programme

{Ref. previous advt. dated 26.02.2014 and 27.03.2014 the date of
submission extended till 30th September 2014}

The Ministry of New and Renewable Energy (MNRE) is implementing a programme on “Energy Efficient Solar/ Green Buildings” (No. 5/3/2013-14/ST dated 19.08.2013 given in the website of the Ministry (www.mnre.gov.in) which promotes the Energy Efficient Green Buildings in the country with the promotional incentives. This programme has a provision for annual awards to Urban Local Bodies (ULBs), Green Buildings having maximum renewable energy installations and to Architects and Design Consultants as follows:

(i) Awards to Urban Local Bodies (ULBs)

The one-time cash award of Rs. 10 lakh along with a shield will be given to best 3 ULBs per year selected through competition for adopting and promoting the energy efficient solar/green buildings to be rated under the rating system in vogue i.e., GRIHA, LEED India etc. or for following ECBC building Code subject to the following :

- They have issued a notification for promotion of green buildings with some incentives i.e., rebate on property tax, discount in premium amount of building permission charges etc.
- They have amended the bye-laws for making the solar water heaters, and SPV rooftops plants to the extent possible, necessary for the new building projects.
- Any other substantial rules/regulations which encourage the adoption of Green buildings in the city.

(ii) Awards to the Green Building having maximum renewable energy installations

The cash award of Rs. 15 lakh, 10 lakh and 5 lakh along with a shield will be given to best 3 buildings per year that have the maximum installation of renewable energy systems and the net Zero energy based buildings in the country.

(iii) Incentive to Architects/ Design Consultants

Cash awards to best 3 architects /design consultants of Rs. 5 lakh, 3 lakh and 2 lakh along-with certificates of appreciation will be given per year subject to that the building has acquired the highest ratings available in the any Green Building Rating System in vogue or

ECBC compliant for the building designed by them. The awards will be given to those Architect/Design Consultant whose buildings have been completed.

2.0 Eligibility period

The work completed during last 3 years i.e. from 01.01.2011 till 31.03.2014 will be considered for the award.

3.0 The application in the prescribed format is given in Annexure should be submitted to this Ministry latest by **30th September 2014** at the following address:

Director (Green Buildings)
Ministry of New and Renewable Energy
Block 14, CGO Complex, Lodhi Road,
New Delhi – 110003.
Telefax: 011-24363035
Email: aktripathi@nic.in

4.0 The applicants who have already applied against the above advertisement need not apply again. Their applications already received in this Ministry will be considered.

**Application for Award under the
“Energy Efficient Solar/ Green Buildings” programme**

[A] Awards to Urban Local Bodies (ULBs)

Sl. No.	Item	Particulars/ Information submitted by ULB
1.	Name of the ULB	
2.	Complete address of ULB with pin code	
3.	Name, designation and contact details of the contact person/ Head of the ULB	
4.	Initiatives taken for adopting and promoting the energy efficient solar/green buildings to be rated under the rating system in vogue i.e., GRIHA, LEED India etc. or for following ECBC building Code.	
5.	Notification issued, if any, for promotion of green buildings with some incentives i.e., rebate on property tax, discount in premium amount of building permission charges etc.	
6.	The bye-laws amended, if any, for making the solar water heaters and SPV rooftops plants to the extent possible, necessary for the new buildings projects (copy may be enclosed).	
7.	Any other substantial rules/regulations made to encourage the adoption of Green buildings and renewable energy applications in the city.	
8.	List of projects undertaking/ completed on green buildings, renewable energy application in the buildings, energy efficiency work in buildings.	
9.	Particulars of the builders motivated/ who have adopted the green building constructions in their townships/ buildings projects.	
10.	Any other awards received	
11.	Any other information, felt necessary for justification about the awards.	

Note: Separate sheet may be attached for the detailed information, if necessary.

[B] Awards to the Green Building having maximum renewable energy installations

Sl. No.	Item	Particulars/ Information submitted by Building Owner
1.	Name of the building, location, photo, Complete address	
2.	Building built up area (m ²) Connected electrical load in building (kW) Building air-conditioning load (kW and TR)	
3.	Name, designation and contact details of the owner of the building	
4.	Whether the energy efficient solar/green buildings has been rated under the rating system in vogue i.e., GRIHA, LEED India, ECBC compliant, Eco Housing or any other, if yes details thereof.	
5.	Green building design with solar passive architecture concept (give brief note in maximum 1000 words)	
6.	Electricity consumption in building in kWh (quarterly/yearly)	
7.	Electricity generated from DG set if any i. DG size in KVA ii. Unit of electricity generated in kWh (quarterly/yearly)	
8.	How much of electrical load is met from renewable energy (% of connected load)	
9.	<p>Installation of renewable energy systems in the building</p> <ul style="list-style-type: none"> • Solar water heating system (sq.m collector area and capacity in LPD) • Solar photovoltaic rooftop system/project (capacity in kWp) • Waste to Energy system/project: <ul style="list-style-type: none"> – Biogas Generation from kitchen waste (kWp, m³ per day) – Energy Generation from solid waste (kWp, Tons per day) – Sewage based energy generation (kWp, m³ per day) • Solar lighting systems (inside and in common areas, nos. and total kWp) • Solar Space conditioning (heating or cooling in TR) • Solar cooking system (CST or any other, nos. and reflector/Dish area in sq.m), • solar pumping system (in kWp) • Wind solar hybrid system 	

	<ul style="list-style-type: none"> • Biomass gasification system (kW) • Any other renewable energy systems 	
10.	Energy efficient and energy conservation measures taken in equipment, fixtures, lightings, systems, sensors, water pumping etc.	
11.	Whether building is net zero energy building or near zero energy building and the extent thereof.	
12.	Any other substantial rules/regulations made to encourage the adoption of renewable energy applications in the building.	
13.	Particulars of the builders motivated/ who have adopted the green building constructions in their townships/ building projects.	
14.	Any other information, felt necessary for justification about the awards.	

Note: Separate sheet may be attached for the detailed information, if necessary.

[C] Awards/ Incentives to Architects/ Design Consultants

Sl. No.	Item	Particulars/ Information submitted by Architects/ Design Consultants
1.	Name and contact details of the Architect/ Design Consultants (Phone, Fax, Email)	
2.	Whether individual or registered firm, give details	
3.	Project details on the basis of which the award applications submitted	
4.	Name of the buildings/ campuses	
5.	Complete address of buildings/ campuses with pin code	
6.	Name, designation and contact details of the owner of the buildings/ campuses	
7.	Buildings built up area (m ²) Connected electrical load in buildings (kW) Buildings air-conditioning load (kW)	
8.	Whether the energy efficient solar/green buildings has been rated under the rating system in vogue i.e., GRIHA, LEED India, ECBC compliant, Eco Housing or any other, if yes details thereof.	
9.	Any awards received from sustainable/ green/solar passive architecture	
10.	Green buildings design with solar passive architecture concept (give brief note in maximum 1000 words)	
11.	<p>Installation of renewable energy systems in the building</p> <ul style="list-style-type: none"> • Solar water heating system (sq.m collector area and capacity in LPD) • Solar photovoltaic rooftop system/project (capacity in kWp) • Waste to Energy system/project: <ul style="list-style-type: none"> – Biogas Generation from kitchen waste (kWp, m³ per day) – Energy Generation from solid waste (kWp, Tons per day) – Sewage based energy generation (kWp, m³ per day) • Solar lighting systems (inside and in common areas, nos. and total kWp) • Solar Space conditioning (heating or cooling in TR) • Solar cooking system (CST or any other, nos. and reflector/Dish area in sq.m), solar pumping system (in kWp) 	

	<ul style="list-style-type: none"> • Earth air tunnel • Any other renewable energy systems (please give details) 	
12.	Whether building integrated photovoltaic design adopted as an integral part of the building's design, give details	
13.	Energy efficient and energy conservation measures taken in equipment, fixtures, lightings, systems, sensors etc. undertaken in the project/ buildings/ campus	
14.	Whether the buildings designed is net zero energy building or near zero energy buildings and the extent thereof.	
15.	Any other innovative steps taken to encourage the adoption of renewable energy applications in the buildings/ campuses.	
16.	Particulars of the builders motivated/ who have adopted the green buildings constructions in their townships/ buildings projects.	
17.	Any other information, felt necessary for justification about the awards.	

Separate sheet may be attached for the detailed information on measures taken for day lighting, reduction in Heating Ventilation and Air-conditioning load, onsite energy generation from renewable energy/ alternate energy sources, if necessary.
