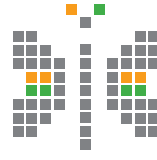Government of India

Smart City
MISSION TRANSFORM-NATION

Smart Cities Mission
Ministry of Urban Development

INDIA
SMART CITIES
AWARDS CONTEST 2017

1.0
India Smart Cities Mission

The Indian Government recognizes that urbanization is an opportunity and not just a reality. In order to harness this potential, the Government has launched several missions, including the Smart Cities Mission. The Mission has the following key objectives – improve quality of life in cities, provide core infrastructure, ensure bottom-up buy-in and citizen engagement and advance inclusive and sustainable development. Following are the three strategic components of the Mission:

• Provision of core urban services to all the citizens. These include water supply, sewerage, solid waste management, electricity supply, transport, housing etc. This will be achieved within the Smart Cities through convergence with other urban missions such as AMRUT, SBM, HFA& HRIDAY, and also various non-urban missions/schemes such as Solar Cities Mission, IPDS, Digital India Mission, Skill India, Make in India etc.

• Application of IT-enabled Smart Solutions to such core infrastructure to improve their efficiency with relatively small levels of investment.

• Development of a local level model through place-making techniques for area-based development of compact areas in the city. Such models can then be replicated to the rest of the city thereby making the entire city Smart in the long run.

2.0
Purpose of the Call for Awards

The India Smart Cities Award Contest (ISAC) is organized under the Smart Cities Mission, Ministry of Urban Development, Government of India. This is one of the important activities initiated under the Mission, where pioneering city strategies, projects and ideas are recognized based on innovation, impact and replicability/scalability.

The ISAC will recognize and reward cities, projects and innovative ideas that are promoting sustainable development in urban areas in India, as well as stimulating inclusive, equitable, safe, healthy and collaborative cities, thus enhancing quality of life for all.

3.0
Who can participate?

The ISAC is aimed at Smart Cities participating under the Smart Cities Mission only. Submissions must only be made by the respective ULBs / Smart City SPVs.

4.0
Categories of Awards

This section provides guidance regarding the key 'Categories of Award' that will be considered in the ISAC. The participating Smart City will need

to demonstrate excellence in one or more Urban Categories as part of their proposals for the award. Awards will be given for each of the Urban Categories indicated in Table 1.

A Smart City may submit projects in the prescribed format (refer section 5) in one or all of the categories. ISAC will include three kinds of awards:

• PROJECT AWARD

The Project Award considers the most innovative and successful projects that are already completed (as on 1st April 2018). Separate awards will be given for each of the Urban Categories indicated in Table 1. The best proposals in this category will show a balance of innovative characteristics and proven impact to date.

The Smart Cities Mission realizes that the definition of a project can be very broad and can include (but is not limited to): objects, hardware and/or software developments, technological systems, services, buildings, parks, neighborhoods, and policy implementations.

TABLE 1: CATEGORIES OF AWARD

Urban Category	Indicative areas of intervention
Governance	**Citizen participation -** A smart city constantly shapes and changes course of its strategies incorporating views of its citizen to bring maximum benefit for all. **IT connectivity -** A Smart City has a robust internet network allowing high-speed connections to all offices and dwellings as desired. **ICT-enabled government services -** A Smart City enables easy interaction (including through online and telephone services) with its citizens, eliminating delays and frustrations in interactions with government.
Built environment	**Mixed Use -** A Smart City has different kinds of land uses in the same places; such as offices, housing, and shops, clustered together **Compactness -** A Smart City encourages development to be compact and dense, where buildings are located close to one another and are ideally within a 10-minute walk of public transportation, forming concentrated neighborhoods. **Public open spaces -** A Smart City has sufficient and usable public open spaces, many of which are green, that promote exercise and outdoor recreation for all age groups. Public open spaces of a range of sizes are dispersed throughout the City so all citizens can have access **Housing and inclusiveness -** A Smart City has sufficient housing for all income groups and promotes integration among social groups
Social Aspects	**Education -** A Smart City offers schooling and educational opportunities for all children in the city **Health -** A Smart City provides access to healthcare for all its citizens **Safety and security -** A Smart City has high levels of public safety, especially focused on women, children and the elderly; men and women of all ages feel safe on the streets at all hours
Culture and Economy	**Identity and culture -** A Smart City has a unique identity, which distinguishes it from other cities, based on some key aspect: its location or climate; its leading industry, its cultural heritage, its local culture or cuisine, or other factors. This identity allows an easy answer to the question "why in this city and not somewhere else?" A Smart City celebrates and promotes its unique identity and culture **Economy and employment -** A smart city has a robust and resilient economic base and growth strategy that creates large-scale employment and increases opportunities for the majority of its citizens

Urban Category	Indicative areas of intervention
Urban Environment	**Reduced pollution -** A Smart City has air quality that always meets international safety standards, and ensures that water and noise pollution are within permissible limits. Energy Source - A Smart City has at least 10% of its electricity generated by renewable. Energy Efficiency - A Smart City government uses state-of-the-art energy efficiency practices in buildings, street lights, and transit systems
Transportation and Mobility	**Transportation and mobility -** A Smart City does not require an automobile to get around; distances are short, buildings are accessible from the sidewalk, and transit options are plentiful and attractive to people of all income levels **Walkability -** A Smart City's roads are designed equally for pedestrians, cyclists and vehicles; and road safety and sidewalks are paramount to street design. Traffic signals are sufficient and traffic rules are enforced. Shops, restaurants, building entrances and trees line the sidewalk to encourage walking and there is ample lighting so the pedestrian feels safe day and night.
Water and Sanitation	**Water supply -** A Smart City has a reliable, 24/7 supply of water that meets national and global health standards. **Water management -** A Smart City has advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage storm water runoff. **Sanitation -** A Smart City has no open defecation, and a full supply of toilets based on the population **Waste water management -** A Smart City treats all of its sewage to prevent the polluting of water bodies and aquifers **Solid waste management -** A Smart City has a waste management system that removes household and commercial garbage, and disposes of it in an environmentally and economically sound manner

• INNOVATIVE IDEA AWARD

Additionally, the ISAC will also recognize exceptional innovation in any of the above mentioned categories or cross-cutting theme (integrating more than one category) through the Innovative Idea Award. This will be awarded to a project/idea that is particularly remarkable for its innovative and bottom up approach and can potentially contribute to the successful transformation of our cities in order to achieve sustainable integrated development. The Project should be already completed by 1st April 2018 and preference is given to projects that demonstrate multi-stakeholder partnership models and civic collaboration.

The Smart Cities Mission realizes that the definition of a project can be very broad and can include (but is not limited to): objects, hardware and/or software developments, technological systems, services, buildings, parks, neighborhoods, and policy implementations.

• CITY AWARD

The City Award will be given to the city that combine projects, initiatives and policy implementations in two or more urban categories as are described in Table 1 above. It thus rewards a city for all round innovation, collaboration and focus on sustainability. Evaluation will include the proven impact to date. Only those projects that have been completed by 1st April 2018 will be considered for evaluation.

- -

5.0
Presentation of Proposals

To participate in the contest, Smart Cities must fill-in the form available online. Proposals must be submitted electronically and are to conform to the terms and conditions here included.

The form and all complementary information will have to be filled out entirely in English.

The Ministry reserves the right to ask for any clarification or additional information about the submitted entries.

No additional documents to the web form will be accepted, unless requested by the Ministry.

The web form to be fulfilled inter-alia includes aspects such as:
• Brief description of the proposal
• Context of implementation
• Details of Solutions
• Scope of implementation
• Innovative characteristics of the proposal
• Results / impact of the proposal
• Replicability / Scalability of the proposal
• Partners involved: name / job title / organization details

The participating Smart City must also provide supporting documents.
• The uploaded document should be no longer than 10 pages/slides. Only PDF format will be accepted.
• 3 to 5 panoramic images or pictures that better represents your proposal. Only JPEG format in high resolution will be accepted. If the proposal is selected as a finalist, the Smart Cities Mission, Ministry of Urban Development may make public these images.

6.0
Entry Deadline
All entries should be submitted before 25 April 2018, 23:59:59 IST

7.0
Evaluation Criteria

The quality of each proposal will be evaluated according to the criteria shown in the rubric below. Each submission will be evaluated based on three aspects: Innovation, Impact, and replicability / scalability. For each aspect, a score will be assigned based on the degree to which the submission demonstrably fulfils each listed criteria.

INNOVATION – CRITERIA CONSIDERED
• Demonstration of an innovative approach (including assessment of advantages over previous approaches)
• Identification of a need or an unresolved problem being addressed
• Identification of a critical aspect not identified before

IMPACT – CRITERIA CONSIDERED
• Demonstration of clear, significant, and tangible impacts (or potential impacts)
• Quantification of the scope of the impacts (or potential impacts)
• Focus on sustainability and/or citizen engagement
• Demonstration that the impacts have not been achieved by other initiatives

• In case of research or comparative analysis, demonstration of clear contribution to future action plans and to decision making processes.

REPLICABILITY / SCALABILITY – CRITERIA CONSIDERED

• Demonstration of a track record of success with proven credentials covering replicability

EVALUATION RUBRIC

Score	Innovation	Impact	Replicability / Scalability
4	> The submission clearly demonstrates highly innovative approach, including survey of existing approaches and explanation of why the submission under the Smart Cities Mission (SCM) is innovative; AND > Clearly defines strong need(s) or unresolved problem(s) being addressed under the innovative approach.	> The submission demonstrates impacts (or potential impacts) that are clear, tangible, and significant over an established period of time; includes focus on sustainability and/or citizen engagement; AND > Scope of impact/size of impacted population is demonstrably significant; AND > Demonstrated impacts (or potential impacts) are shown to have not been achieved by other interventions.	> Has established track record of success; Clearly lays out development cycle, including information about current status; addresses questions of replicability / scalability, involves public-private-partnerships including alternative financing mechanism as well as citizen engagement
3	> The submission demonstrates innovative approach within SCM but does not provide comparative assessment with existing approaches; AND > Clearly defines strong need(s) or unresolved problem(s) being addressed	> Demonstrated impacts (or potential impacts) are clear, tangible, and significant over an established period of time; includes focus on sustainability or citizen engagement; AND > Scope of impact/size of impacted population (or potential impacts) is demonstrably significant	> Clearly lays out development cycle, including information about current status; addresses questions of replicability / scalability.
2	> The submission demonstrates an approach that is limited or minimally innovative; OR > Defines a need or unresolved problem being addressed that is limited or relatively non-urgent	> Demonstrated impacts (or potential impacts) are clear and tangible, but not significant; OR > Scope of impact/size of impacted population (or potential impacts) is limited or replicated elsewhere	> Lays out development cycle, including information about current status, but replicability / scalability remains doubtful or not all questions of techno-commercial sustainability are addressed
1	> The submission does not demonstrate innovation: other projects, initiatives, or strategies have already taken a similar approach; OR > Does not respond to a need or unresolved problem	> Demonstrated impacts (or potential impacts) are minimal or negligible; OR > Scope of impact/size of impacted population (or potential impacts) is minimal or negligible	> Does not make persuasive case for replicability / scalability.
0	> The submission does not include any information regarding the innovative characteristics of the proposal > Does not include any information regarding the need(s) or unresolved problem(s) being addressed	> Does not include any information regarding the impact of the proposal > Does not include any information regarding the scope of impact or size of impacted population	> Does not include any information regarding the replicability / scalability of the proposal.

/ scalability of strategies / projects within the framework of Smart City Proposal.
• Demonstration of key features that facilitate scaling or replication with or without adaptation.
• Identification of collaborative aspects (People-Public-Private) including project implementation through alternative financing mechanisms

- -

8.0
Evaluation Process

The evaluation process is divided into two phases:

1) PHASE I - REGULATION COMPLIANCE AND PRE-SELECTION

A technical committee of experts set up under the Smart Cities Mission, Ministry of Urban Development will conduct an evaluation to check whether the proposal complies with the requirements and selection criteria defined.

Proposals could be subject to additional request of information or clarification from the technical committee of experts. All participating cities should be available to answer any request from the entry date until 10 May 2018.

A pre-selection of 6-8 award candidates per category will be made.

Pre-selected candidates from all categories will be informed on 11 May 2018.

Proposals will be exceptionally subject to change of category according to the observations of the technical committee. The city will be informed in due time.

2) PHASE II - WINNERS SELECTION

A panel of judges of national / international repute will evaluate the projects, selecting the winner for each Award.

Proposals could be subject to additional request of information or clarification from the judging panel of this last stage of evaluation. Selected finalist participating city should be available to answer any request from 25 April to 15 June 2018.

The prize winners will be announced at the Smart Cities Contest Awards Ceremony to be held on 25 June 2018.

Any prize award category could be declared void by the judging panel.

- -

9.0
Award Prizes

• CITY AWARD

The winner of the 2017 City award will, during the 2018 Anniversary celebration of the Smart Cities Mission, have the right to:
• A Scroll of Honour
• A cash prize of Rs. 5 lakh to the Smart City
• Flights and accommodation for 2 people from the award-winning city;
• Publicity of the award via various communication media.

• PROJECT AWARD

The winner of the 2017 City award will, during the 2018 Anniversary celebration of the Smart Cities Mission, have the right to:
• A cash prize of Rs. 5 lakh to the Smart City.

- Flights and accommodation for 1 person from the location of the awarded organization;
- Publicity of the award via various communication media.

• INNOVATIVE IDEA AWARD

The winner of the 2017 City award will, during the 2018 Anniversary celebration of the Smart Cities Mission, have the right to:
- A cash prize of Rs. 5 lakh to the Smart City.
- Flights and accommodation for 1 person from the location of the awarded organization;
- Publicity of the award via various communication media.

10.0
Intellectual and Industrial Property Rights

The participating city is responsible for the authorship of the submitted proposal; it is the owner of the intellectual and, where applicable, industrial property rights thereof.

The participating city is accountable for the proposal submitted not violating intellectual property rights, industrial property rights, copyright and/or image rights and assumes complete responsibility with regard to third parties: the Smart Cities Mission, Ministry of Urban Development is free of all liability.

Should the proposal be short-listed, the participating city authorizes the Smart Cities Mission, Ministry of Urban Development to disseminate, reproduce and publish the proposal in any format and using any medium to publicize.

11.0
Data Protection

Due to the sensitive nature of the information supplied, the Smart Cities Mission, Ministry of Urban Development, the coordinator, and the members of the judging panel and technical committee guarantee to keep the identity of participating cities and the content of their project confidential.

Once the proposal has been selected as a finalist, the Smart Cities Mission, Ministry of Urban Development may make public any details considered as public (submission title, organization in charge, person in charge, websites, description, sent images 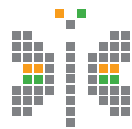or pictures, purpose and category).