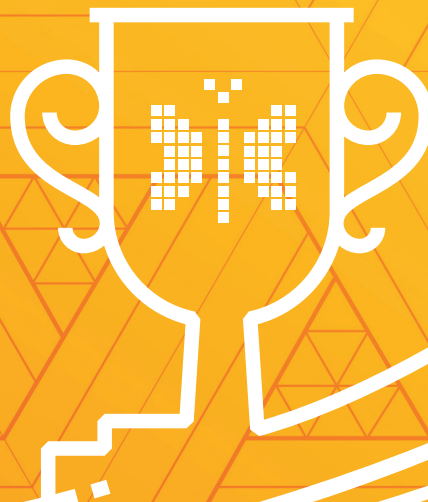Smart Cities Mission

India
Smart Cities
Awards Contest 2019
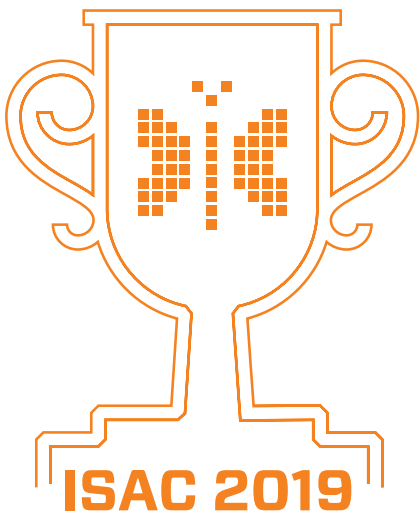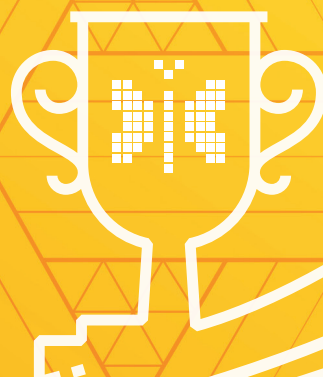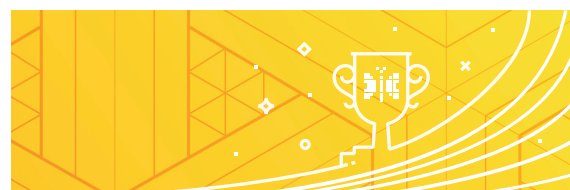
ISAC 2019

Table of Contents

1.0
Smart Cities Mission

MoHUA recognizes that urbanization is an opportunity and not just a challenge. In order to harness the true potential of urban India, MoHUA has launched several missions, including the Smart Cities Mission. The Mission has the following key objectives – liveability, economic-ability and sustainability. Following are the three strategic components of the Mission:

- Provision of basic urban services to all the citizens. These include water supply, sewerage, solid waste management, electricity supply, mobility, housing etc. This will be achieved by the Smart Cities through convergence with other urban missions such as AMRUT, SBM, HFA& HRIDAY, and also various other 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 replicable model through 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 Housing and Urban Affairs, Government of India. This is one of the important activities initiated under the Mission, where pioneering city strategies, ideas and projects are recognized based on innovation, impact and replicability/scalability. 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 the 100 Smart Cities only. Submissions must only be made by the respective Smart City SPVs.

4.0
Categories of Awards

ISAC will include three categories of awards. The following section provides guidance regarding the 'seven urban themes' that will be considered in the ISAC. The participating Smart City will need to demonstrate excellence in one or more urban themes as part of their proposals for the awards. A Smart City may submit project proposals in the prescribed format (refer section 5) in one or all of the themes:

TABLE-1: SEVEN URBAN THEMES	
Theme	**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 communication 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 mobile 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 creating mixed use, mixed income clusters. 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 & 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 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
Mobility & Transportation	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

CATEGORY-1: PROJECT AWARD

The Project Award considers the most innovative and successful projects that are already completed/scheduled to be completed (as on 1st April 2019). Separate project awards will be given for each of the seven Urban Themes 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. The project shall have a definite start date and end date as reflected in online project MIS portal of SCM. It is mandatory that all project details are up-to-date in the online MIS. The start date shall be after the date of launch of Smart Cities Mission and the end date for the proposed project shall fall within FY 2018-19.

CATEGORY-2: INNOVATIVE IDEA AWARD

The ISAC recognizes exceptional innovation in any of the above mentioned urban themes or cross-cutting theme (integrating more than one urban-theme) 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 or scheduled to be completed by 1st April 2019 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.

CATEGORY-3: CITY AWARD

The City Award will be given to the city for all round performance, innovation, collaboration and focus on sustainability. The City Award will assess the (1) Overall project implementation performance of city during FY 2018-19; (2) Level of stakeholder engagement and citizen outreach for project implementation during FY 2018-19; and (3) Achievement of Project Outcomes. Only those cities that combine projects, initiatives and policy implementations more than two urban themes (described in Table 1) become eligible for this category. Evaluation will include the proven impact to date. Only those projects that have been completed by 1st April 2019 will be considered for evaluation.

Following cities will also be rewarded for their overall performance roundwise
- 3 best performing cities from Round-1
- 3 best performing cities from fast-track Round-2
- 3 best performing cities from Round-3
- 1 best performing city from Round-4

5.0
Presentation of Proposals

The ISAC 2019 will have a two-stage submission process, wherein Smart Cities will be evaluated for their all-round performance in implementing the Mission, i.e.,. Qualifying Stage (Stage I) and Proposal Stage (Stage II). The submissions under each stage will be evaluated for 50 marks each.

All Smart Cities are eligible to participate in the Qualifying Stage of ISAC 2019. To participate in

the contest, Smart Cities must fulfil the following criteria.

Qualifying Stage - Assessment of overall City Performance:

Qualifying Stage submission will involve submission of documentary evidences relating to (i) project implementation performance; (ii) performance of SPV governance, (iii) level of stakeholder engagement and citizen outreach. The performance of Smart Cities at every stage is evaluated through an objective criteria. Smart Cities securing a cut-off score will qualify for the Proposal Stage (Stage II). The Proposal Stage submission will involve submission of nominations for Project Award (seven urban themes) and Innovative Idea Award (cross-cutting themes).

Proposal Stage - Submission of nominations for Smart City Awards:

Smart Cities which are qualified for Proposal Stage (Stage-II) of ISAC 2019 must fill-in the proposal submission 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 online web form to be fulfilled inter-alia includes aspects such as:

a) Executive Summary

b) Context of implementation

c) Details of Solutions

d) Scope of implementation /Elaborate the details of work-done

e) Innovative characteristics of the proposal

f) Measurable Impact/Outcomes/Outputs

g) Replicability / Scalability of the proposal

h) High resolution photographs and video documentation of projects is mandatory

The proposal will need to capture the Partners, Stakeholders, Organisations involved along with the details including Name of Officer /Designation/ organization details. The participating Smart City must also provide supporting documents. The proposal shall include at-least 3 to 5 panoramic images or photographs or pictures that better represents your proposal. Only JPEG format in high resolution will be accepted. Each project initiative should be accompanied by 2-3 minute video document showcasing project details and outcomes achieved. If the proposal is selected as a finalist, the Smart Cities Mission, Ministry of Housing and Urban Affairs may make public these images.

6.0
Entry Deadline

Last date of submissions for Qualifying Stage of ISAC 2019 is 15 March 2019, 18:00:00 IST.

Last date of submissions for Proposal Stage of ISAC 2019 is 30 April 2019, 23:59:59 IST.

7.0
Evaluation Criteria

QUALIFYING STAGE

In the Qualifying Stage, the Smart Cities will be evaluated for their overall project performance, performance of SPV governance, level of stakeholder engagement and citizen outreach while implementing the Mission. An objective criteria will be adopted to measure the above. The following illustration provides the details of evaluation criteria.

QUALIFYING STAGE

PROJECT IMPLEMENTATION PERFORMANCE
(30 marks)

Value of tendered projects
(% to total) – 10 marks
• As per round-wise threshold values

Value of projects completed/ under implementation
(% to total) – 10 marks
• As per round-wise threshold values

Utilisation of Central releases (%) – 10 marks
• As per round-wise threshold values

Thresholds vary for Smart Cities selected in Rounds 1, FT, 2, 3 and 4

PERFORMANCE OF SPV GOVERNANCE
(10 marks)

• Number of board meetings held (at-least 6 meetings FY 2018-19) – 1.5 marks

• Whether SPV has published Annual Report in FY 2017-18 (Y/N) – 1.5 marks

• Whether SPV appointed independent and women directors as per companies Act 2013? Y/N – 1 mark each

• Audit for years of SPV operation until 1 April 2018? 1.5 marks

• Whether all mandatory disclosure as per companies Act 2013 complied with? Y/N – 1.5 marks

• Vacancies against approved organogram of SPV (higher marks for lesser vacancies) – 2.0 marks

STAKEHOLDER ENGAGEMENT & CITIZEN OUTREACH
(10 marks)

• CLAF meeting during 26 Jan- 1 Feb 2019 showcasing Mission Progress – 1.5 marks

• At-least 6 CLAF meetings since 1 April 2018 – 1.5 marks for 6; 0.5 mark for 3 and above and 0 for <3

• Citizen Outreach* on SCM projects – 2.5 marks

• Whether all under implementation/completed projects geo-tagged with photographs – 1.5 marks.

• Citizen Feedback from at-least 10% ABD population through multiple channels – 1.5 marks

• At-least 6 Public Places with bill boards showcasing SCM projects – 1.5 marks

The thresholds will vary for Smart Cities selected in Rounds 1, FT, 2, 3 and 4.

Qualifying Stage: Desired Project Implementation Performance -
Threshold Values for Smart Cities across four rounds

Value of tendered Projects	Value of Completed/Under implementation Projects	Utilization of Central Funds Released
Round-1, FT &2	**Round 1, FT &2**	**Round 1, FT &2**
• 100% = 10 marks • 90-100 = 8 marks • 80-90 = 6 marks • 60-80 = 4 marks • <60 = 0 marks	• >90% = 10 marks • 80-90 = 8 marks • 70–80 =6 marks • 60–70 = 4 marks • <60 % = 0 marks	• 80 – 100% = 10 marks • 70-80 = 8 marks • 60-70 = 6 marks • 50-60 = 4 marks • 40-50 = 2 marks • <50 = 0
Round -3	**Round-3**	**Round-3**
• >60% = 10 marks • 50-60 =8 marks • 40-50 =6 marks • 30-40 =4 marks • <30 = 0 marks	• >50% = 10 marks • 45-50 = 8 marks • 40-45 = 6 marks • 35-40 =4 marks • <35% = 0 marks	• >60% = 10 marks • 50-60 = 8 marks • 40-50 = 6 marks • 30-40 = 4 marks • 20- 30 = 2 marks • <20 = 0 marks
Round-4	**Round-4**	**Round-4**
• >30% = 10 marks • 25-30 =8 marks • 20-25 =6 marks • 15-20 = 4 marks • <15 = 0 marks	• >30% = 10 marks • 25-30 = 8 marks • 20-25 = 6 marks • 15-20 = 4 marks • <15% = 0 marks	• >40% = 10 marks • 30-40 = 8 marks • 20-30 = 6 marks • 10-20 = 4 marks • 05-10 = 2 marks • <5 = 0 marks

Note: The above percentage values of tendered, under implementation and completed projects is measured against the total value of projects uploaded in the online project MIS of Smart Cities. The range values will include the starting value.

Qualifying Stage: Performance of SPV Governance – 10 marks

Meetings held since 1st April 18: 4 or more will secure 1.5 marks; <4 meetings will secure 0 mark

Whether SPV has published Annual Report in FY 2017-18 (Y/N); If yes, 1.5 marks and If no, then 0 mark

Whether SPV appointed independent directors on the SPV board? If yes, 1 mark, If no, 0 mark

Whether SPV appointed women directors on SPV board? If yes, 1 mark, If no, 0 mark (Yes/No);

Whether Audit undertaken for years of SPV operation until April 2018? (Yes/No) If Yes, 1.5 mark, If no, 0 mark [applicable for smart cities selected till Round-3 only; Other cities will secure marks if Audit Committees are put in place]

Whether all mandatory disclosure as per companies Act 2013 complied with? Y/N; If yes, 1.5 marks, If no, 0 mark

Number of vacancies against approved organogram of SPV (highest of 2.0 marks for least vacancies); Range values for filling up of SPV staff positions: 90% and above posts filled will secure 2.0 marks; 70 – 90% will secure 1.0 mark; <70% will secure 0 mark

Qualifying Stage: Citizen Outreach – 2.5 marks

At least 3 events of Media Coverage on SCM Projects in the local or national news papers between 1 Feb 2019 to 8 March 2019
(Atleast 3 events will secure 0.5 marks, else 0 marks)

At least 3 events of citizen centered campaign with minimum 100 people attending between 1 Feb 2019 to 8 March 2019 (Pictorial evidence of conducting the campaigns need to be uploaded on SPV website)
(Atleast 3 events will secure 0.5 marks, else 0 marks)

Campaign of Smart Cities Mission Achievements and Way Forward on Social Media between 1 Feb 2019 – 8 March 2019. (Likes/followers achieved during campaign period). Disclaimer: Paid campaigns will not be counted.
Relative marking with best among participating cities getting 1.0 mark and rest in proportion.

Impact assessments carried out for projects with external independent agencies (Yes/No)
(If Yes, 0.5 marks, If No, 0 mark)
Smart City to provide as documentary evidence, a copy of impact assessment report along with self certification by CEO

To qualify for Stage II, i.e. the Proposal Stage submission of nominations for Project Award and Innovative Idea Award, the Smart City shall secure a minimum of **30 marks against the total 50 marks**.

PROPOSAL STAGE

The Proposal Stage of ISAC 2019 evaluates the Smart Cities on their achievement of project outcomes as reflected in their proposals for Project Award and Innovative Idea Award. Each submission will be evaluated based on three aspects: Innovation, Impact, and replicability / scalability.

Innovation, Impact, Replicability/Scalability

INNOVATION – CRITERIA CONSIDERED	IMPACT – CRITERIA CONSIDERED	REPLICABILITY / SCALABILITY – 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	• 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.	• Demonstration of a track record of success with proven credentials covering replicability/ 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

The quality of each proposal will be evaluated according to the criteria shown in the rubric below. For each aspect, a score will be assigned based on the degree to which the submission demonstrably fulfils each listed criteria.

**PROJECT AWARD/ INNOVATIVE IDEA-AWARD – EVALUATION RUBRIC**
Score	**Innovation**	**Impact**	**Replicability/Scalability**
5	> 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.	> 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	> 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	> 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	> 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	> 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.

The sum total of the scores secured by each project/initiative under the above mentioned criteria will be normalised and the projects will be ranked (theme-wise). In case of a tie in scores, the project/initiative will be ranked in the priority order of scores secured under innovation, impact, and replicability/scalability.

CITY AWARD – EVALUATION CRITERIA

The Best Performing City will be selected based on the evaluation of two stage submissions evaluated for a total 100 marks, as below.

ISAC 2019 – Two Stage Submission	Maximum Marks
Qualifying Stage (Stage-1)	50
Accelerated Project Implementation Performance	30
Putting in place necessary Governance structures	10
Scale of Stakeholder Engagement & Citizen Outreach	10
Proposal Stage (Stage-2)	50
Marks obtained by city across seven urban themes for Project Award Category and Innovative Idea Award Category*	40
Marks obtained for documenting the Mission outcomes in a HD film of 5 minute duration	10
Total	100 marks

ROUNDWISE CITY RECOGNITION - CRITERIA

The criterion for roundwise recognition will be the same as per City Award.

8.0
Evaluation Process

A technical committee of experts set up under the Smart Cities Mission, Ministry of Housing and Urban Affairs will conduct an evaluation to check whether the proposal complies with the requirements and selection criteria defined. The evaluation process for Stage-I will involve (a) Scrutiny of documentary evidences submitted by Smart Cities for compliance; and (b) Final evaluation of city performance based on documentary evidences submitted.

The evaluation process for Stage-II is divided into two phases:
1) Phase I - Regulation compliance and pre-selection
Ministry of Housing and Urban Affairs 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 30 May 2019.

A pre-selection of 2-3 award candidates per each urban theme/category will be made. 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.

Cities may be required to make presentations on the request of Ministry.

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 1 May to 30 May 2019. The prize winners will be announced at the Smart Cities Contest Awards Ceremony to be held on 25 June 2019. Any prize/ award category could be declared void by the judging panel.

9.0
Award Prizes

City Award:

The winner of the ISAC 2019 City award will, during the 2019 Anniversary celebration of the Smart Cities Mission, have the right to:

- A Scroll of Honour
- A cash prize of Rs. 10 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 ISAC 2019 Project award will, during the 2019 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 ISAC 2019 Innovative Idea Award will, during the 2019 Anniversary celebration of the Smart Cities Mission, have the right to:
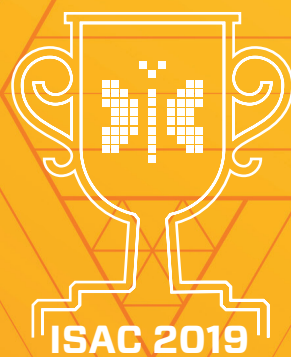
- A cash prize of Rs. 5 lakh to the Smart City.
- Flights and accommodation for 1 person from the location of the awarded organization;
- Publicity of the award via various communication media.

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: Smart Cities Mission, Ministry of Housing and Urban Affairs is free of all liability. Should the proposal be short-listed, the participating city authorizes the Smart Cities Mission, Ministry of Housing and Urban Affairs 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 Housing and Urban Affairs, 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 Housing and Urban Affairs 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).

ISAC 2019

India Smart Cities Awards Contest (ISAC) 2019

Smart Cities Mission
Ministry of Housing and Urban Affairs, Government of India
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