

The Process of Selection of Smart Cities

Each aspiring city competes for selection as a smart city in what is called a 'City Challenge'. There are two stages in the selection process. After the number has been indicated to the respective Chief Secretaries, as outlined in para 8 above, the State/UT will undertake the following steps:-

1.1 Stage 1 of the competition: Shortlisting of cities by States

The State/UT begins with shortlisting the potential smart cities on the basis of conditions precedent and scoring criteria and in accordance with the total number allocated to it. The first stage of the competition will be intra-state, in which cities in the State will compete on the conditions precedent and the scoring criteria laid out. These conditions precedent have to be met by the potential cities to succeed in the first round of competition and the highest scoring potential smart cities will be shortlisted and recommended to participate in Stage 2 of the Challenge. The conditions precedent and the forms are given in Annexure 4 of the Guidelines. The information sent by the ULBs in the forms has to be evaluated by the State Mission Director and the evaluation placed before the State-level High Powered Steering Committee (HPSC) for approval. The composition of the State HPSC is given in para 13 of the Guidelines.

The cities emerging successful in the first round of competition will be sent by the State/UT as the recommended shortlist of smart cities to MoUD by the stipulated date (to be indicated in the letter to Chief Secretaries). The State Government has to fill the form (given in Annexure 3) and send with the recommended list. The MoUD will thereafter announce the list of 100 smart cities.

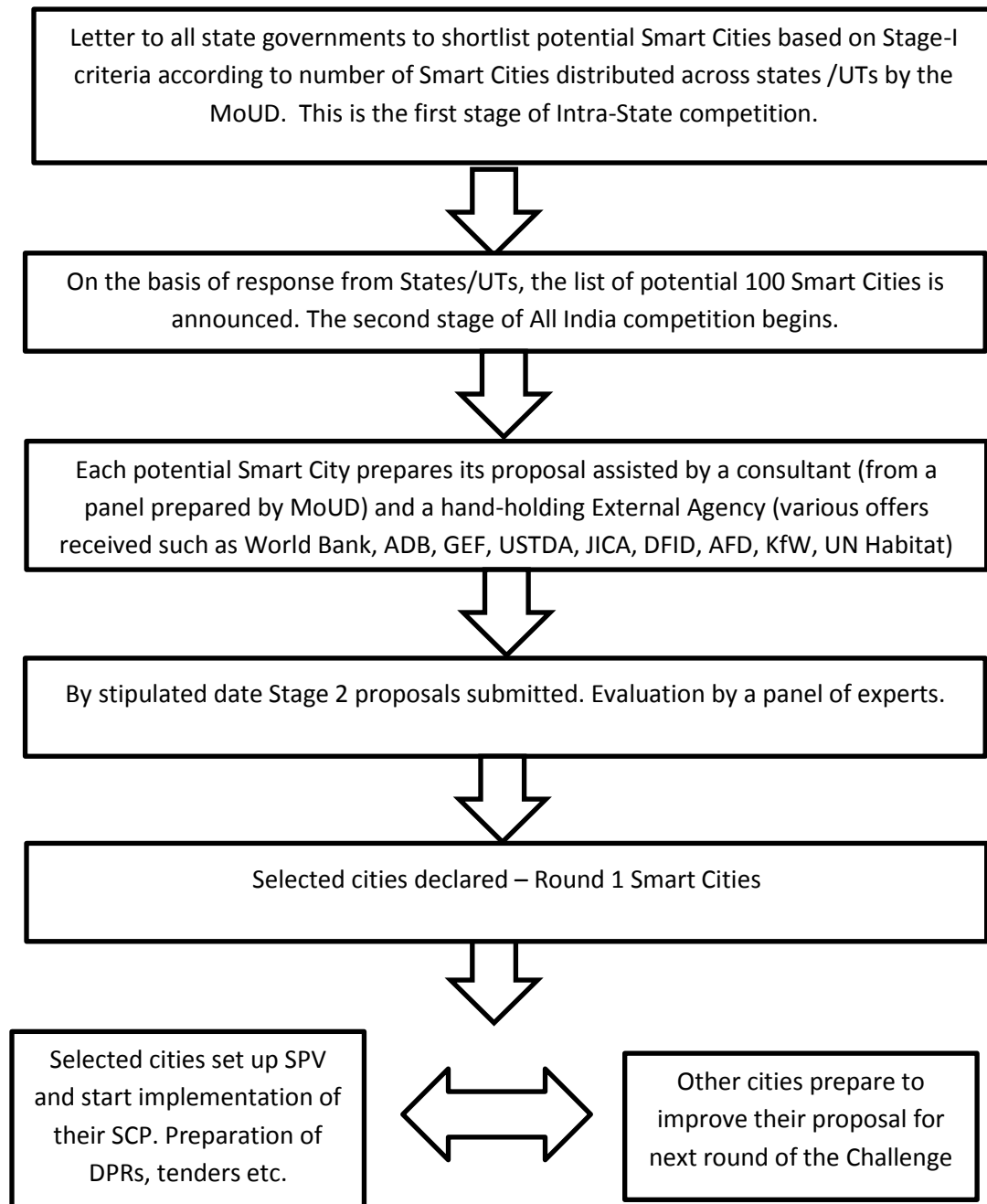
1.2 Stage 2 of the competition: The Challenge round for selection

In the second stage of the competition, each of the potential 100 smart cities prepare their proposals for participation in the 'City Challenge'. This is a crucial stage as each city's Smart City Proposal (SCP) is expected to contain the model chosen, whether retrofitting or redevelopment or greenfield development or a mix thereof, and

additionally include a Pan-City dimension with Smart Solutions. The SCP will also outline the consultations held with the city residents and other stakeholders, how the aspirations are matched with the vision contained in the SCP and importantly, what is the proposal for financing of the smart city plan including the revenue model to attract private participation. An evaluation criteria for the SCPs has been worked out by MoUD based on professional advice and this should act as guidance to the cities for preparing their proposal. The criteria and the documents to be sent with the application are given in Annexure-4 of the Guidelines.

1.3 By a stipulated date, to be indicated by MoUD to the States/UTs, proposals will be submitted to MoUD for all these 100 cities. These will be evaluated by a Committee involving a panel of national and international experts, organizations and institutions. The winners of the first round of Challenge will be announced by MoUD. Thereafter, while the winning cities start taking action on making their city smart, those who do not get selected will start work on improving their SCPs for consideration in the second round. Depending on the nature of the SCPs and outcomes of the first round of the Challenge, the MoUD may decide to provide handholding assistance to the potential Smart Cities to upgrade their proposals before starting the second round.

Different steps in the selection of Smart cities are given below.



Challenge Stage 1: Preconditions and Documents to be submitted by each State

Conditions precedent

1. State undertaking to make the City Smart (Form 1, Part-3),
2. Inter- departmental Task Force consisting of parastatal bodies, Urban Local Body(ULB), Organizations and Urban Development Authorities (UDAs) will be constituted in order to make the city smart (Form 1, Part-4),
3. Elected City Council's Resolution to make the city Smart (Form 2, Part-5), and
4. Consultations held with residents on city development priorities (Form 2, Part-6).

Scoring criteria

Below are given the scoring criteria to be used by the States/UTs to score the potential smart cities and send the names of cities with the highest scores to MoUD for their selection to participate in the Stage 2 of the Challenge.

1. Existing Service Levels

- i. Percentage of increase over Census 2011 or Swachh Bharat baseline on number of household sanitary latrines, whichever is less (Form 2, Part -1) – 10 points,
- ii. Making operable Online Grievance Redressal System with response being sent back to complainant (Form 2, Part-2) – (Y/N) – 5 points,
- iii. At-least first monthly e-newsletter published (Form 2, Part-3) – (Y/N) – 5 points, and
- iv. Electronically place project-wise municipal budget expenditure information for the last two financial years on the website (Form 2, Part-4) – (Y/N) – 5 points.

2. Institutional Systems/ Capacities

- i. Started to levy compensatory penalty for delays in service delivery (Form 2, Part 7) - (Y/N) – 5 points, and
- ii. Has the total collection of internally generated revenue (e.g. taxes, fees, charges) shown an increasing trend during the last three FYs (2012-15) – (Form 2, Part 8) (Y/N) – 10 points.

3. Self-financing

- i. Payment of salaries by ULB up-to last month (Form 2, Part-9) – 5 points,
- ii. Audit of accounts up-to FY 12-13 (Form 2, Part-10) – 5 points,

- iii. Percentage contribution of tax revenue, fees and user charges, rents and other internal revenue sources to the ULB Budget (actuals in 2014-15) – (Form 2, Part 11) – 10 points, and
 - iv. Percentage of establishment and maintenance cost of water supply, which is met by collected user charges for supply of water during last FY (2014-15) – (Form 2, Part 12) – 10 points.
4. Past track record and reforms
- i. Percentage of internal revenue sources (self-generated) budget funds used for capital works during FY (2014-15) – (Form 2, Part 13) – 10 points,
 - ii. Percentage of City-level JnNURM Reforms achieved (Form 2, Part 14) – 10 points for six (6) ULB level Reforms, and
 - iii. Percentage of JnNURM projects completed, which were sanctioned during the original Mission period (upto 2012) (Form 2, Part 15) – 10 points.

Documents

The forms in which the States have to get proposals from the ULBs and in which they have to send to the MoUD are given below.

1. The list of cities shortlisted by each state (Form 1, Part-1).
2. Declaration of shortlisting criteria met by each shortlisted city (Form 1, Part-2).
This form needs to be submitted for each shortlisted city.
3. Undertaking of the State Government to make the city smart (Form 1, Part-3)
4. Order of constitution of Inter-departmental Task Force (Form 1, Part-4)

Additional documents in support of Form 1, will be submitted by each shortlisted city under the signature of Municipal Commissioner/ Head of the ULB to the State Mission Director (Form 2).

FORM 1

(To be sent by State to MoUD)

Name of State:

Number of cities allotted:

Part 1: List of cities shortlisted by each State

S. No	Name of city	Population of city	Conditions precedent Satisfied			
			1	2	3	4
			Y/N	Y/N	Y/N	Y/N

Part 2: Details of score obtained by each shortlisted city*

Name of Shortlisted City:

S.No.	Criteria	Total Score	Score obtained
1	Increase over Census 2011 or Swachh Bharat baseline on number of household sanitary latrines (whichever is less)	10	
2	Making operable Online Grievance Redressal System with response being sent back to complainant	5	
3	At-least first monthly e-newsletter published	5	
4	Electronically place project-wise municipal budget expenditure information for the last two financial years on the website	5	
5	Levy of compensatory penalty for delays in service delivery	5	
6	Collection of internally generated revenue (e.g. taxes, fees, charges) during the last three FYs	10	

	(2012-15)		
7	Payment of salaries by ULB up-to last month	5	
8	Audit of accounts for FY 12-13	5	
9	Percentage contribution of tax revenue, fees and user charges, rents and other internal revenue sources	10	
10	Percentage of establishment and maintenance cost of water supply	10	
11	Percentage contribution of internal revenue sources (self-generated) used for capital works during FY 2014-15	10	
12	Percentage of City-level JnNURM Reforms achieved	10	
13	Percentage of completion of Projects sanctioned upto March, 2012 under JnNURM	10	
Total		100	

*This form needs to be filled for each shortlisted city.

Part 3: Undertaking from the State Government

I hereby confirm that the State of (Name) fully commits the development of the city (Name) as a Smart City.

Part 4: Order of constitution of Inter-departmental Task Force

A Government order for constituting an Inter-departmental Task Force consisting of parastatal bodies ULB, UDA to make the city Smart is attached.

I hereby confirm that I have verified the information and it is true and correct. Name of the City has been approved by HPSC in its meeting held on

(Principal Secretary/ Secretary (UD))
State Government of

Form 2- Score Card

(To be sent by ULBs to State)

Name of ULB:

Name of State:

Existing Service Levels

Part 1: Increase in sanitary latrines built under Swachh Bharat Mission

	Achievement > 10%	Achievement between 7.5 to 10%	Achievement between 5 to 7.5%.	Achievement < 5%
	10 marks	7.5 marks	5 marks	0 marks
Percentage of Increase over Census 2011 or Swachh Bharat baseline on number of household sanitary latrines (whichever is less)				

Part 2: Operable Online Grievance Redressal System

	Yes (5 points)	No (0 points)
Making operable Online Grievance Redressal System with response being sent back to complainant		

Part 3: Monthly e-newsletter

	Yes (5 points)	No (0 points)
At-least first monthly e-newsletter published		

Part 4: Electronically enabled project-wise municipal budget expenditure information

	Yes (5 points)	No (0 points)
Electronically placed project-wise municipal budget expenditure information for the last two financial years on the website		

Part 5: Resolution of elected city council

A copy of the Resolution No. _____ dated _____ (English/Hindi/Other version) is attached.

Part 6: Table with dates, specific agenda and number of people in attendance in ward consultations held with residents of the city

S.No.	Date	Agenda	Ward No.	No of people attended

Institutional Systems/ Capacities

Part 7: Levy of compensatory penalty for delays in service delivery

	Yes (5 points)	No (0 points)

Started to levy compensatory penalty for delays in service delivery		
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Part 8: Collection of internally generated revenue (e.g. taxes, fees, charges) during the last three FYs (2012-15).

	Year			Yes (10 points)	No (0 points)
	2012-13	2013-14	2014-15		
Increasing trend of total collection of internally generated revenue (e.g. taxes, fees, charges) during the last three FYs (2012-15)					

Self-Financing

Part 9: Payment of salaries

	Yes (5 points)	No (0 points)
Payment of salaries by ULB up-to last month		

Part 10: Audit of accounts

	Yes (5 points)	No (0 points)
Audit of accounts up-to FY 12-13		

Part 11: Percentage contribution of tax revenue, fees and user charges, rents and other internal revenue sources

	> 50 % contribution from ULB Budget	Between 35%to 50% contribution from ULB	Between 20% to 35% contribution from ULB	< 20 % contribution from ULB Budget

		Budget	Budget	
	10 marks	7.5 marks	5 marks	0 marks
Percentage contribution of tax revenue, fees and user charges, rents and other internal revenue sources to the ULB Budgeted receipts (actuals in 2014-15)				

Part 12: Percentage of establishment and maintenance cost of water supply

	> 80 % maintenance coming from user charges	Between 60% to 80% maintenance coming from user charges	Between 40% to 60% maintenance coming from user charges	<40 % maintenance coming from user charges
	10 marks	7.5 marks	5 marks	0 marks
Percentage of O&M cost met through user charges collection for supply of water during last FY				

Past track record and reforms

Part 13: Percentage contribution of internal revenue sources (self-generated) used for capital works during FY 2014-15

	>20 % contribution for capital works	Between 10% to 20% contribution for capital works	Between 5% to 10% contribution for capital works	< 5 % contribution for capital works
	10 marks	7.5 marks	5 marks	0 marks
Percentage contribution of internal revenue				

sources (self-generated) used for capital works during FY 2014-15				
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Part 14: City-level JnNURM Reforms

	100 % of the reforms achieved	90 % of the reforms achieved	80 % of the reforms achieved	< 80 % of reforms achieved
	10 marks	7.5 marks	5 marks	0 marks
Percentage of City-level JnNURM Reforms* achieved				

*As per cycle V records 31.3.2014

Part 15: Completion of Projects sanctioned upto March, 2012 under JnNURM

	100 % of the projects completed	90 % of the projects completed	80 % of the projects completed	Less than 80 % projects completed
	10 marks	7.5 marks	5 marks	0 marks
Percentage of JnNURM projects** completed, which were sanctioned during the original Mission period (upto March, 2012)				

** As per the completion certificate received from State as on 31.3.2014

I hereby confirm that I have verified the information presented in this form which is true and correct to the best of my knowledge.

(Municipal Commissioner/ Head of the ULB, Parastatal)

Challenge Stage 2: Criteria and Indicative Table of Contents

4.1 Criteria

Some of the criteria that may be used to evaluate the SCPs of the States/UTs are given below.

S.No.	Criteria	Score
CITY LEVEL EVALUATION CRITERIA		30
1	Credibility of implementation	
a.	In the last three years, how has the operational efficiency of public entities improved in terms of average time taken to give building plan approvals, increase in property tax assessments and collections, percentage of household taps and user charges for water supply? Scheduled outages in a month? Unscheduled outages in a month? Have NRW/UFW and AT&C/T&D losses reduced? Increase in % of population covered by grid based power? Property tax collection as a % of annual demand. Cost management interventions like location tracking of vehicles, ambient light sensors, etc.	
b.	In the last three years has the traffic congestion eased – change in average traffic speeds, average commute times, increased pedestrian facilities, improved public transport, and lower commute distances?	
c.	Has administrative efficiency improved, say, by using Information Technology and Communication (IT&C) (1) to take attendance of	

	functionaries and improved attendance as a result, (2) to establish two-way communication with people, (3) use e-gov to enable hassle free access to statutory documents, (4) develop dashboards that integrate analytics and visualization leading to enhanced administrative efficiency as well as provide information to citizens, etc,	
d.	Water & sewerage user charges collected as a % of current annual demand. What has been the achievement of affordable housing goals – slums redeveloped, upgraded and housing provided?	
2	City Vision and strategy	
a.	How well does the Vision come out of the needs, aspirations and wishes of the local people to make their city more liveable?	
b.	How well does the Vision articulate the use of information and communication technologies to improve public service delivery and improve the quality of life of local citizens?	
c.	How does the Vision Statement summarize the impact on key aspects- main economic activity, sustainability and inclusiveness?	
PROPOSAL LEVEL EVALUATION CRITERIA		70
3	Impact of proposal	
a.	Do the goals flow from vision identified through citizen consultation? Are the goals linked to quantifiable outcomes and all outcomes listed? Are the goals deliverable?	

b.	Are all essential elements given in para 6.2 included in the Proposal? Have indicators been prepared for all elements and targets set? How many of the Smart City features given in para. 3.1 (i – vii) have been included and quantified?	
c.	How well have the identified goals been linked to objectives and objectives mapped to specific inputs and activities on indicators?	
d.	Does target setting on objectives in 3 (c) correspond to citizen needs as identified in consultation?	
e.	What is the impact of the proposal on the primary economic base and employment of the city? (e.g. increase in employment and income).	
f.	How inclusive is the proposal? How has the proposal benefitted the poor and disadvantaged?	
4	Cost Effectiveness	
a.	Does the Proposal contain an Implementation Plan? During the preparation of the Implementation Plan have different technology and urban planning alternatives that can help achieve outcomes been identified? Have cities selected one of the alternatives? Does the Implementation Plan have “smart” components where “smartness” refers to doing more with less, that is, doing something in a more resource efficient manner (resource may be time, money, natural resources etc.)? Does the proposal make the most of existing infrastructure? What is the extent of convergence of initiatives in the	

	<p>Implementation Plan? Have solutions services contracts, instead of hardware procurement contract only, been included in the Implementation Plan? Have generic technology specifications been proposed?</p>	
b.	<p>Has a financing plan been prepared? What are the different sources of funding being tapped for this project?</p> <ul style="list-style-type: none"> - % share of Central Government Smart Cities grant -% share of private sector -% share of State/ULB resources -% share of complementary Central Government schemes -% of other sources 	
c.	<p>Is the proposal financially sustainable? (e.g. proposed arrangements for O&M costs)</p>	
d.	<p>Have the financial assumptions been listed out? Given the financial assumptions, how doable is the proposal within the timelines?</p>	
e.	<p>Any frugal engineering and citizen innovations done in the proposal?</p> <p>Number of citizen innovations through crowd sourced IT interventions to improve the quality of public service delivery?</p>	
5	<p>Innovation and Scalability</p>	

a.	Have best practices been identified and selected in consultation with citizens? If yes, how well are they adapted?	
b.	Is the project scalable to the entire city or to other cities?	
c.	What is the impact of the proposal on the environment and resilience from disasters? (E.g. reducing heat islands in retrofitting)	
d.	Have any Smart Solutions been used in area-based and Pan-city developments as given in the illustrative list in para. 2.5? Have technology specification alternatives for each technology intervention been examined and shared with the citizens? How do these lead to desired outcomes?	
6	Process Followed	
a.	<p>Details of process for co-creating every step (ideas, strategies, implementing mechanism and financial solutions) through an extensive consultation process with:</p> <ul style="list-style-type: none"> -citizens -vulnerable sections of society (disabled, children, elderly etc.) ward committees and area sabhas -important citizens groups (associations, organizations and institutions such as local chamber of commerce) 	
b.	How much of social media, community, mobile governance have been	

	used during citizen consultation?	
c.	How well have contrary “voices” been accommodated in the strategy and planning?	

4.2 Indicative Table of Contents

Detailed instructions on the application form and the format of the proposal will be issued separately. An indicative Table of Contents is given below.

- i. Area and proposal identification – retrofitting, redevelopment and greenfield developments.
- ii. Proposal scope and objectives.
- iii. Proposal concept.
- iv. Proposal development.
- v. Implementation framework.
- vi. Proposed financing options and institutional framework.
- vii. Proposal phasing and timeframe.
- viii. Benefits and impact assessment.

For comparison of proposals the year-wise milestones and outcomes should be given in the following tabular form in the Proposal.

Goal:

Objectives	Performance	Baseline	Mission	For the Financial Year ____
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and Activities	indicator	(as of date xx)	Target	For Half Year 1		For Half Year 2	
				Progress to be made on baseline	Funds to be utilized	Progress to be made on baseline	Funds to be utilized
Objective 1							
Activity 1							
Activity 2							
Activity 3							
Objective 2							
Activity 1							
Activity 2							
Activity 3							

(Note: Above information to be provided for each project, every half year, till the completion of the project)