

What are the Components of a Smart City Proposal ?

Ministry of Urban Development
Government of India

SC Proposal: Essential Components

- Background
- Citizen's Engagement
- SC Vision, Goals and Objectives
- City Potential & Capabilities
- Proposal Development
- Final Citizens Consultations
- Implementation Framework
- Financing Plan & Institutional Arrangements for Post Project Sustainance
- Project Phasing & Timeframe
- Benefits & Impact Assessment

SC Proposal: Constituents

1. Background

- City Profile
- Best Practices to City's context
- Review all Policy, Plan, Scheme documents
- Explore program convergence
- **Conceptualize** how to transform the City into a Smart City & assess **preparedness**.

SC Proposal: Constituents

2. Citizens Engagement

- Intense **citizen engagement** at multiple levels with diverse groups using diverse means & contemporary IT&C tools (e.g. MyGov.in, talk show & polling, etc.)
- Identify **issues/needs, aspirations and priorities;** frugal innovations. ▲
- Generate **citizen-driven solutions** for basic services and area based developments.
- List out priorities and solutions
- Conceptualize to define City 'smartness' and develop the Smart City Vision.

SC Proposal: Constituents

3. SC Vision, Goals & Objectives

- Develop a **contextual definition of the Smart City**
- Develop the SC **Goals** using citizen priorities as directives. Connect each Goal to **Objective(s)** and generate **strategic recommendation** (s) for deploying Smart Solutions and area based developments.



4. City Potential & Capability

- Describe **operational efficiencies** of the City in terms of project execution in past 3 years .
- Potential to become Smart

SC Proposal: Constituents

5. Proposal Development

Conceptualize & Evolve Overall Strategy

- **Identify the areas** where Smart Solution(s) are to be deployed.
- Explain & define the **project boundary**
- Assess the **inclusivity** of the strategy;
- How has **disaster resilience** built in?
- Is the project **scalable** to the entire city or to other cities?
- Sub-component of any **frugal engineering** and citizen innovations?
- Specific **clearances and approvals** required for implementation.

SC Proposal: Constituents

5. Proposal Development

(A) Area Based Developments

- Identify Areas and models for **Retrofitting, Re-development & / or Greenfield.**
- Conduct Second round of **citizen consultation** to take several options to the citizens and **generate consensus** on the best option.
- **recommendations** for actions, targets on objectives on set indicators, Financial Plan and Plan of Action
- Inform the citizens the **sources of funding** and discuss the ways to bridge the gap, if any and Potential with other programs.

SC Proposal: Constituents

5. Proposal Development

(B) Pan City Solutions

- Identify the **specific City-level Smart Solution** (s) to be applied. These initiatives should improve services and infrastructure for all the citizens
- Describe the components of improvement envisaged with **technological specification** for proposed Smart Solution.



6. Final Citizen Consultations

- Revise the Proposal based on **citizen's feedback**
- How well have **contrary "voices"** been accommodated in the strategy & planning?

SC Proposal: Constituents

7. Implementation Framework

- Describe institutional arrangement including establishment of the **city level SPV**, leveraging potential partnerships, convergence with other Government Schemes, M&E framework, year-wise milestones and outcomes.
- Present Implementation Plan ▲
- **Extent of convergence** of initiatives in the Implementation Plan? ▲

SC Proposal: Constituents

8. Financing Plan & Post Project Sustenance

- Provide Financial Plan for the **complete life cycle** of the prioritized development having
 - Arrangement for covering Operation & Maintenance costs;
 - Financial assumptions
- The outputs will be a **financial plan** (e.g. Capital Improvement Plan, evaluation of financial options), resource improvement action plan (e.g. PPP, O&M) in **short, medium, long term** and **innovative financing models**.

SC Proposal: Constituents

9. Project Phasing & Timelines

- Describe the **phasing and implementation time frame** for various components included in the Proposal.

10. Benefits and Impact Assessment

- Assess the **economic impact** of the Proposal and benefits for all including urban Poor.
- Is the proposal **financially sustainable** & scalable to the entire city or to other cities?
- Have the financial assumptions been listed out in financial plan,
- Realistic assessment of timelines

What else could be included ?

Attachment 1: Needs/issues, Priorities, Best practices and generation of citizen driven solutions

Sl. No.	Issues / Needs	Priorities	Best Practices informed to citizens and Citizen driven solution	Best Practice Prioritized by Citizen		
				Basic Infrastructure (Refer para. 2.4)	Smart solution (Refer para. 2.5)	Area-based developments (Refer para. 5)



Attachment 2: Smart City level goal, objective and Strategic recommendations

Smart City Vision:		
Smart City Goals		
<ol style="list-style-type: none"> 1. 2. 3. 4. and so on 		
	Objective	Strategic Recommendations for area-based developments, Smart Solutions and others.
GOAL # 1		
GOAL # 2		
GOAL # 3 and so on		



Attachment 3: Summary of area based proposals

Sl.No.	Area Components	Objectives	Indicators	Baselines	Target	Action Plan
1	Area Based					
a	Retrofitting					
b	Redevelopment					
c	Greenfield					
2	Pan-City					
3	Others					



Attachment 4: Implementation Framework

City Goals	Objectives and Activities	Performance Indicator	Baselines (as of date)	Mission Target	For the Financial Year			
					For Half Year 1		For Half Year 2	
					Progress to be made on baselines	Funds to be utilized	Progress to be made on baselines	Funds to be utilized
	AREA DEVELOPMENT							
	Objective 1							
	Activity 1							
	Activity 2							
	Activity 3							
	Objective 2							
	Activity 1							
	Activity 2							
	Activity 3							
	PAN-CITY INITIATIVES							
	Objective 1							
	Activity 1							
	Activity 2							
	Activity 3							
	Objective 2							
	Activity 1							
	Activity 2							
	Activity 3							

