



Smart City  
MISSION TRANSFORM-NATION

# Smart City Challenge Stage-2 (Round -2)



**AURANGABAD MUNICIPAL  
CORPORATION, AURANGABAD**

**Smart City Proposal (MH\_10\_AUR)**

**Aurangabad Municipal Corporation**





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No.AMC/EE(BIE/F)/2016/281

28<sup>th</sup> June 2016

To,  
**Secretary,**  
**Ministry of Urban Development,**  
**Government of India,**  
Nirman Bhawan,  
New Delhi – 110108

**Sub: Submission of Smart City Challenge Proposal as part of Stage 2 of 'Smart City Challenge'**

Sir,

We are pleased to participate in the 'Smart City Challenge' initiative undertaken by Ministry of Urban Development.

A revised Smart City Challenge Proposal for Stage 2 of Smart City Challenge, duly incorporating the necessary improvements based on the feedback received during the knowledge sharing sessions conducted by MoUD, is submitted for your perusal.

Regards

Commissioner  
Aurangabad Municipal Corporation  
Aurangabad



**INDIA SMART CITY MISSION**  
MISSION TRANSFORM-NATION



**Smart City**  
MISSION TRANSFORM-NATION

**THE SMART CITY CHALLENGE**  
**STAGE 2**

**SMART CITY PROPOSAL**

**SMART CITY CODE:**

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सत्यमेव जयते  
Ministry of Urban Development  
Government of India



## CHECKLIST

All fields in the SCP format document have to be filled. The chart below will assist you in verifying that all questions have been answered and all fields have been filled.

Q. No	TICK		
<b>PART A: CITY PROFILE</b>			
1.		QUALITY OF LIFE	
2.		ADMINISTRATIVE EFFICIENCY	
3.		SWOT	
4.		STRATEGIC FOCUS AND BLUEPRINT	
5.		CITY VISION AND GOALS	
6.		CITIZEN ENGAGEMENT	
7.		SELF-ASSESSMENT: BASELINE	
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10.		APPROACH & METHODOLOGY	
11.		KEY COMPONENTS	
12.		SMART URBAN FORM	
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15.		RISKS	Table 2
16.		ESSENTIAL FEATURES ACHIEVEMENT PLAN	
17.		SUCCESS FACTORS	
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19.		SUMMARY	
20.		COMPONENTS	
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22.		DEMAND ASSESSMENT			
23.		INCLUSION			
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30.		MEASURABLE IMPACT			
<b>PART D: IMPLEMENTATION PLAN</b>					
31.		IMPLEMENTATION PLAN		Table 5	
32.		SCENARIOS			
33.		SPV		Table 6	7 DOCUMENTS
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36.		STAKEHOLDER ROLES			
<b>PART E: FINANCIAL PLAN</b>					
37.		ITEMISED COSTS			
38.		RESOURCES PLAN			
39.		COSTS			
40.		REVENUE AND PAY-BACK			
41.		RECOVERY OF O&M			
42.		FINANCIAL TIMELINE			
43.		FALL-BACK PLAN			
<b>ANNEXURE 1</b>		Smart City features			
<b>ANNEXURE 2</b>		A-3 sheets (self-assessment)			
<b>ANNEXURE 3</b>		max 20 sheets (A-4 and A-3)			
<b>ANNEXURE 4</b>		Documents for Question 33			



## INSTRUCTIONS

1. This document must be read along with the Smart City Mission Guidelines. An electronic version of the SCPformat is also available on the website <smartcities.gov.in> Follow: 'Downloads' > 'Memos'.
2. The responses must be within the word limits given. The font size must be 12 Arial, with 1.5 spacing, left aligned paragraphs with one inch margins. All additional information must be given in 20 nos. A-4 size pages in Annexure 3.
3. For the Area-Based Proposal, only one 'Area' should be selected. The Area selected can be a combination of one or more types of area-based developments. This can be retrofitting or redevelopment or greenfield alone or a combination of these, but the area delineated should be contiguous and not at separate locations in the city.
4. The Area-based Development must contain all the Essential Features as per para 6.2 of the Mission Guidelines. Please fill out the following checklist.

S. No	Essential Feature	Confirm if included (✓)	Para. No. in SCP
1.	Assured electricity supply with at least 10% of the Smart City's energy requirement coming from solar		
2.	Adequate water supply including waste water recycling and storm water reuse		
3.	Sanitation including solid waste management		
4.	Rain water harvesting		
5.	Smart metering		
6.	Robust IT connectivity and digitalization		
7.	Pedestrian friendly pathways		
8.	Encouragement to non-motorised transport (e.g. walking and cycling)		
9.	Intelligent traffic management		
10.	Non-vehicle streets/zones		
11.	Smart parking		
12.	Energy efficient street lighting		

13.	Innovative use of open spaces		
14.	Visible improvement in the Area		
15.	Safety of citizens especially children, women and elderly		
16.	At least 80% buildings (in redevelopment and green-field) should be energy efficient and green buildings		
17.	In green-field development, if housing is provided, at least 15% should be in 'affordable housing' category.		
18.	Additional 'smart' applications, if any		

5. The pan-city Smart Solution should be IT enabled and improve governance or public services. Cities may propose one or two such Smart Solution(s). If more than one solution is presented kindly use supplementary template 'Pan-City Proposal No 2'.

6. In order to make the proposal credible, all claims must be supported with government order, council resolutions, legal changes, etc and such supporting documents must be attached as Annexure 4.

7. The Questions can be answered directly in this editable PDF file and can be saved on local computer, before printing. Your submission in electronic form should contain:

1. The SCP in whole (92) pages
2. The Self Assessment Sheet (Annexure 2)
3. Additional 20 Sheets (Annexure 3)
4. Additional list of Documents (Annexure 4)

Electronic submission to be sent on DVD along with printed copies. 5 printed copies of the SCP document (complete in all respect) should be sent to MoUD along with the DVD containing the complete electronic copy. The printed copies should be spiral bound as separate volumes.

It is advised to use latest version of Acrobat Reader (Acrobat XI or higher) to fill the form.

Acrobat Reader XI can be downloaded from:

<https://www.adobe.com/support/downloads/thankyou.jsp?ftpID=5507&fileID=5519>



## SCORING DIVISION

<b><u>TOTAL 100 POINTS</u></b>	
<b>CITY-LEVEL:</b>	<b>30</b>
<b>AREA-BASED DEVELOPMENT:</b>	<b>55</b>
<b>PAN-CITY SOLUTION:</b>	<b>15</b>

### CITY LEVEL CRITERIA: 30%

S.No.	Criteria	%
1.	Vision and goals	5
2.	Strategic plan	10
3.	Citizen engagement	10
4.	Baseline, KPIs, self-assessment and potential for improvement	5

### AREA-BASED DEVELOPMENT (ABD): 55%

S.No.	Criteria	%
1.	'Smartness' of proposal	7
2.	Citizen engagement	5
3.	Results orientation	15
4.	Process followed	3
5.	Implementation framework, including feasibility and cost-effectiveness	25

### PAN-CITY SOLUTION: 15%

(If more than one solution is proposed, each proposed solution will be graded separately and the average of the two aggregate scores will be awarded to the city toward the 15% overall weightage)

S.No.	Criteria	%
1.	'Smartness' of solution	3
2.	Citizen engagement	1
3.	Results orientation	5
4.	Process followed	1
5.	Implementation framework, including feasibility and cost-effectiveness	5

# A. CITY PROFILE

## 1. QUALITY OF LIFE

In the last three years, what efforts have been made by the city to improve livability, sustainability and economic development? Give specific examples along with improvement with KPIs that are in the public domain and/ or can be validated. Your answer should cover, but not be restricted to (Describe in max. 50 words each, mentioning the source of the data):

### a. Transportation condition in the city

### b. Water availability in the city and reduction in water wastage/ NRW

### c. Solid waste management programs in the city

d. Safety/ security conditions in the city

e. Energy availability and reduction of outages in the city

f. Housing situation in the city, specifically role of municipality in expediting building plan approvals, enhancing property tax collection, etc



## 2. ADMINISTRATIVE EFFICIENCY

In the last three years, what have been the changes in Administrative Efficiency due to the use of Information and Communication Technology (ICT) (Describe in max. 50 words each, mentioning the source of the data):

a. Overall attendance of functionaries

--

b. Two-way communication between citizens and administration

--

c. Use of e-Gov to enable hassle free access to statutory documents

--

d. Dashboards that integrate analytics and visualization of data



e. Availability of basic information relevant to citizens



### 3. SWOT

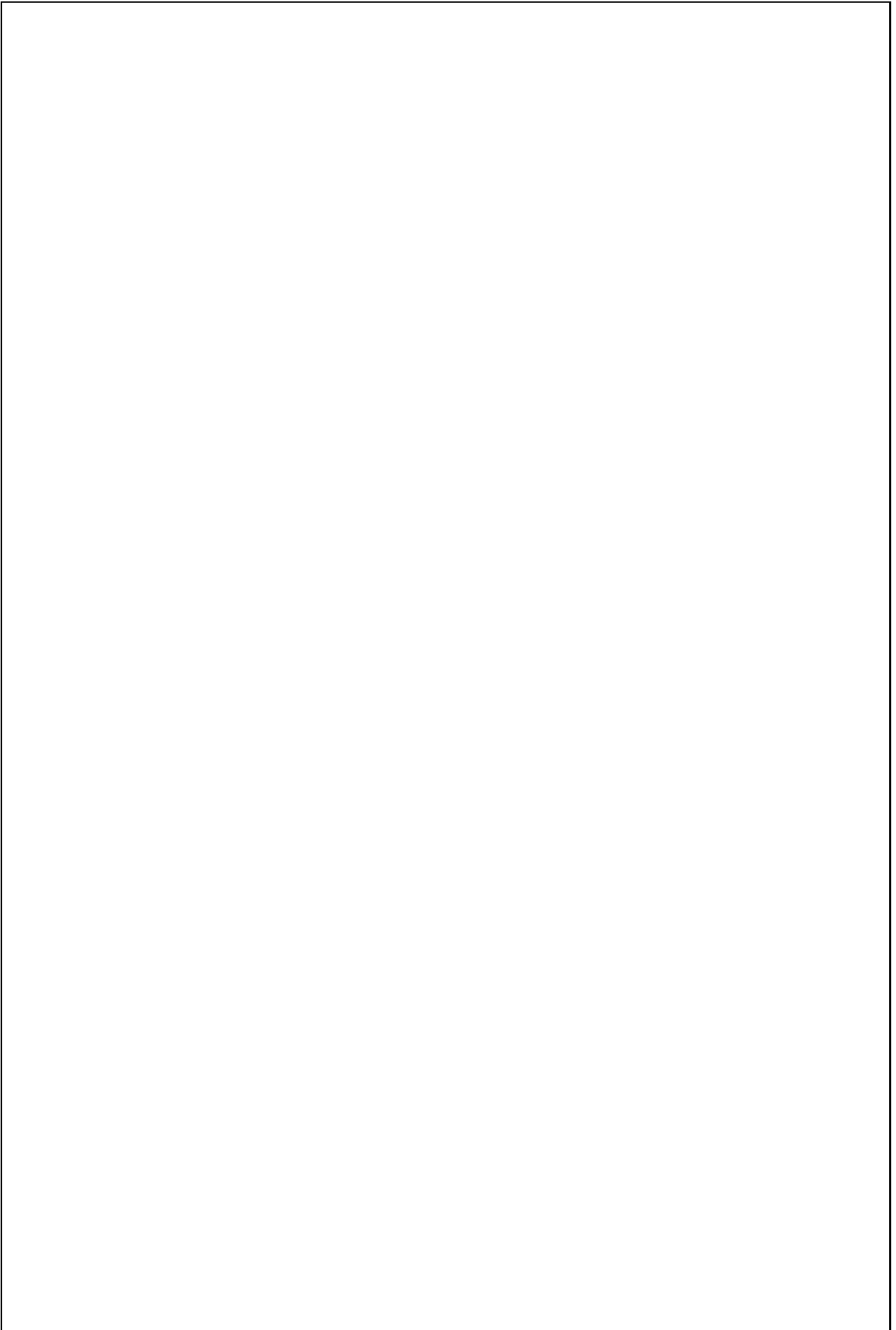
Based on the detailed city profiling, what are the strengths and developmental areas of the city?

Conduct a detailed SWOT analysis of the city with all relevant metrics and data. (max 1000 words):

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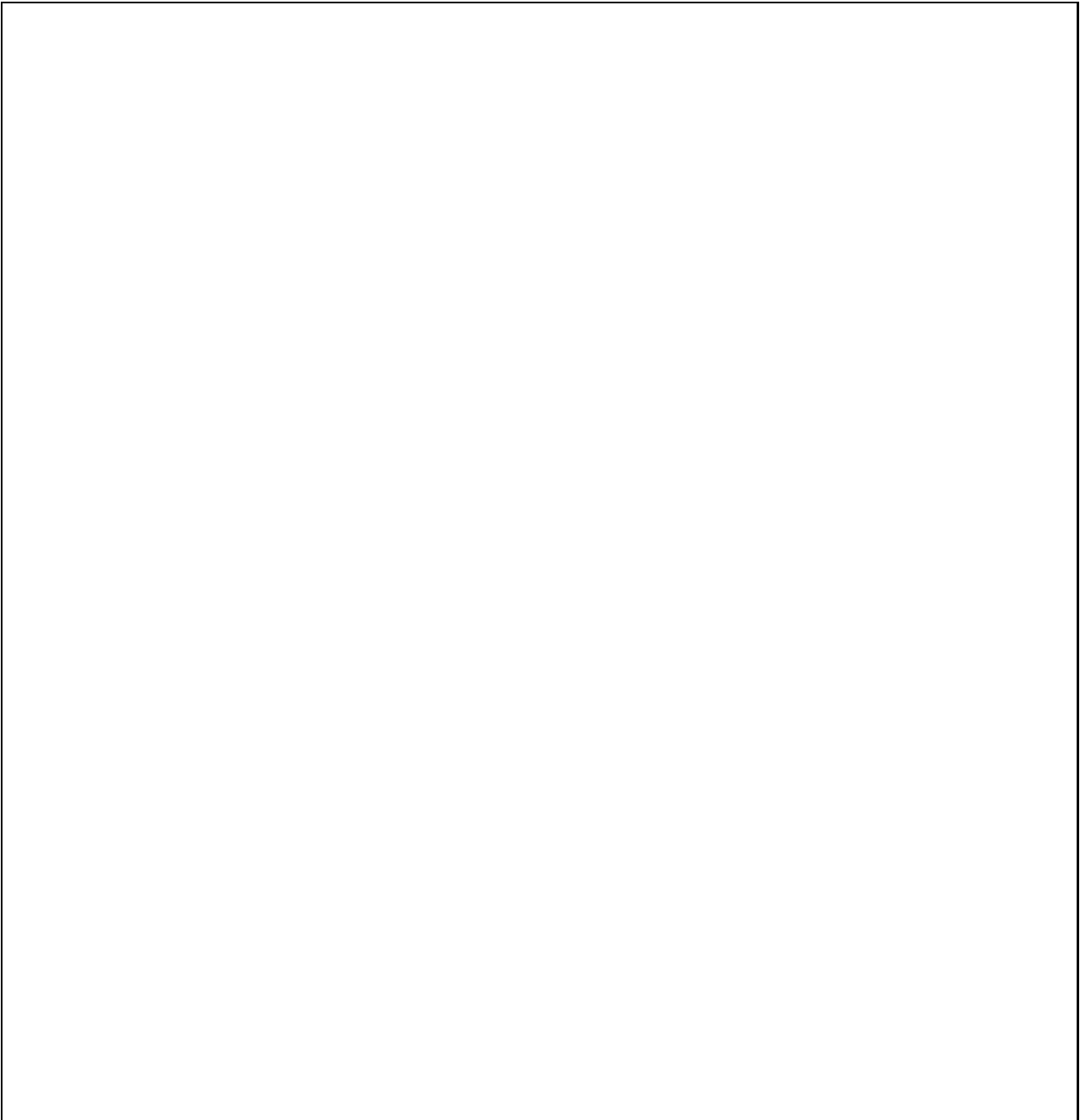


#### 4. STRATEGIC FOCUS AND BLUEPRINT

Based on the SWOT analysis, what should be the strategic focus of the city and the strategic blueprint for its development over next 5-10 years to make it more livable and sustainable? (max 500 words):

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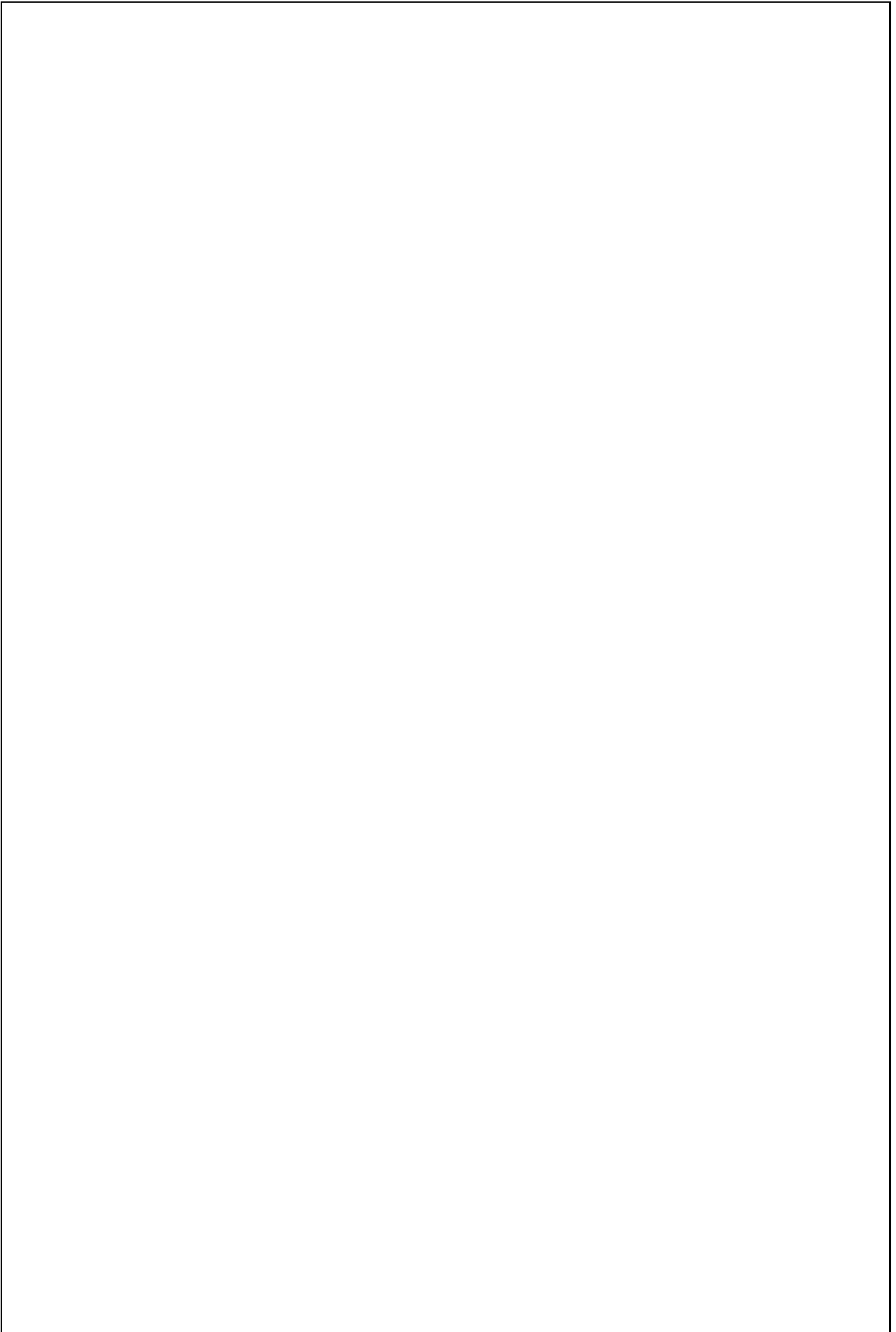




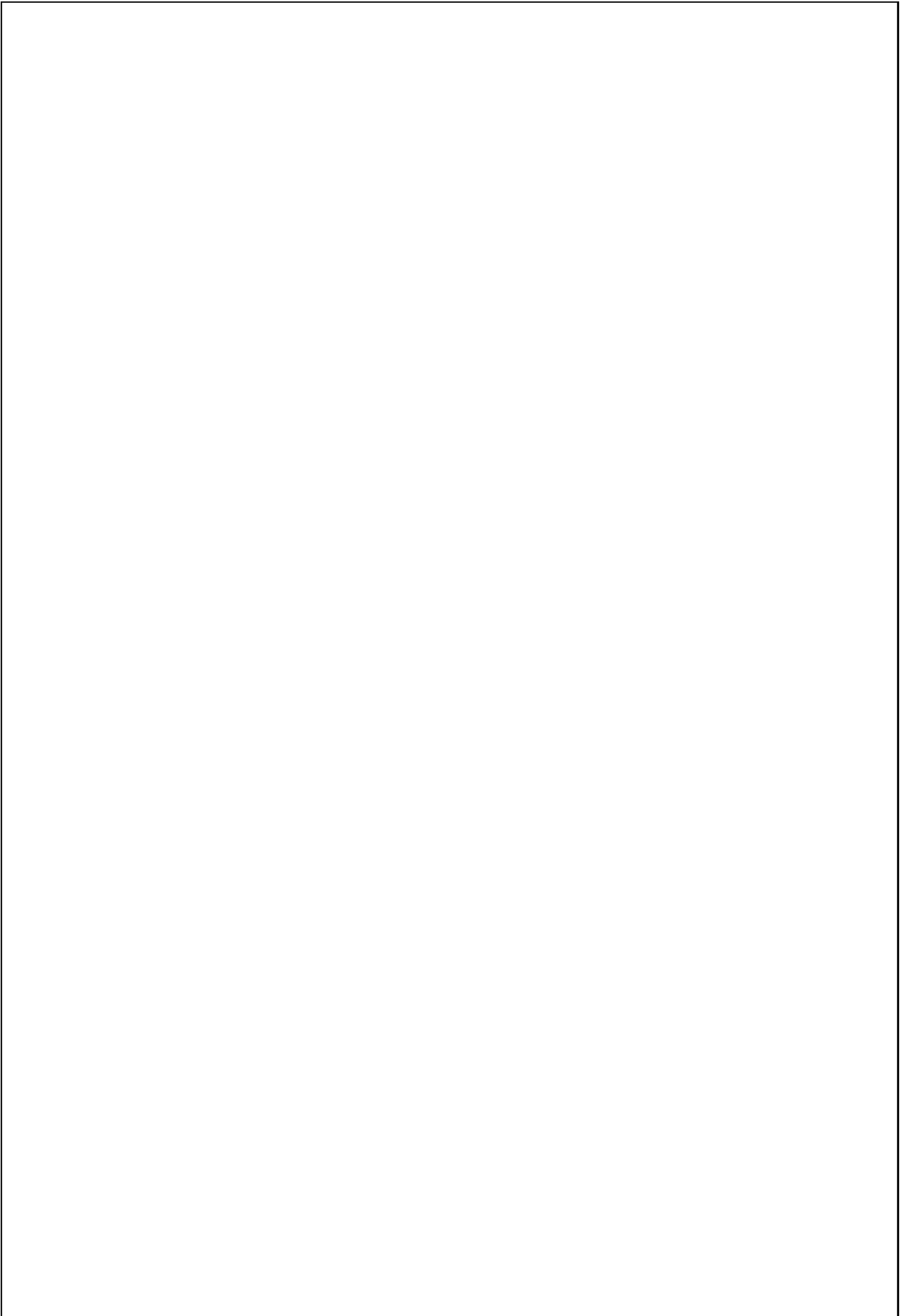
## 5. CITY VISION AND GOALS

What should be the vision of the city based on the strategic blueprint? How does the Vision Statement relate specifically to the city's profile and the unique challenges and opportunities present in your city? Define overall aspirations and goals for the city along with how you see key metrics of livability and sustainability improving over the next 5-10 years? (max 1000 words):

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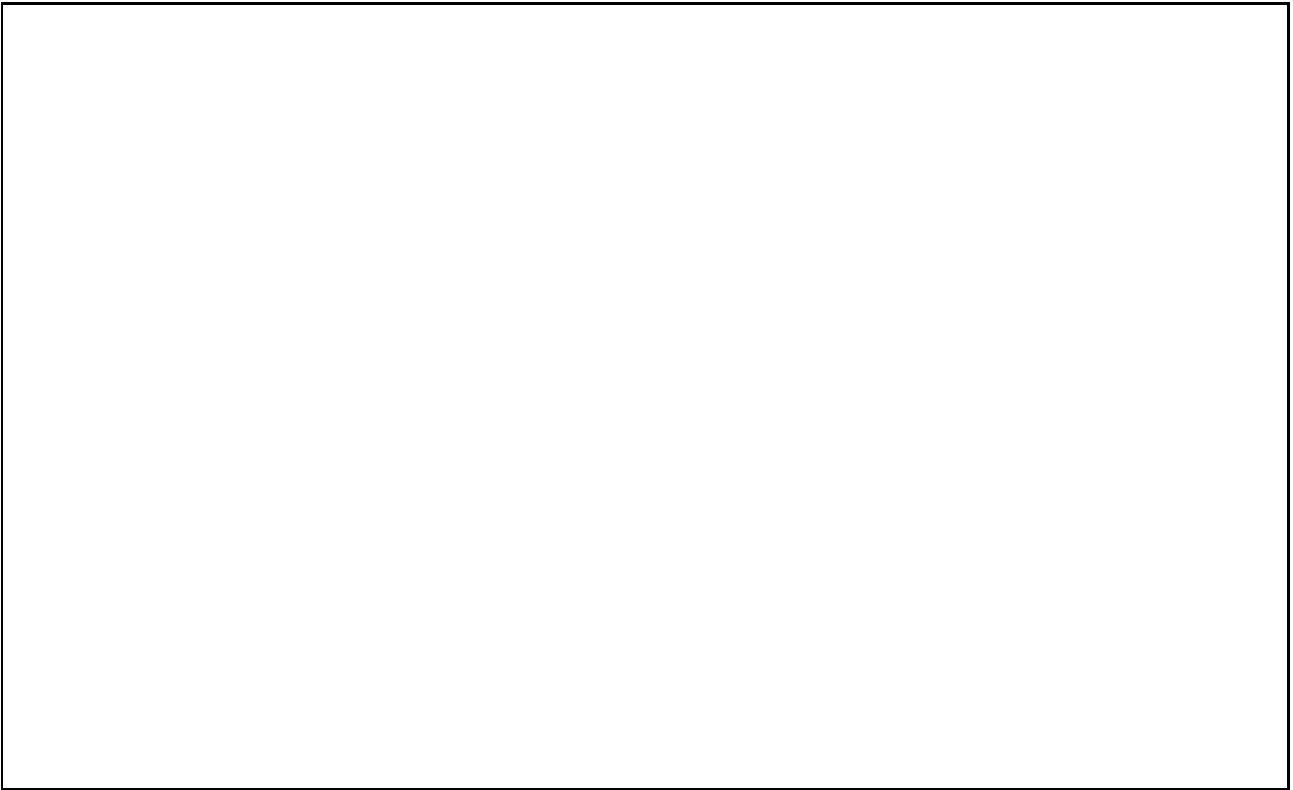
## 6. CITIZEN ENGAGEMENT

How has city leveraged citizen engagement as a tool to define its vision and goals? Specifically describe (max 150 words each):

a. Extent of citizens involved in shaping vision and goals

b. Engagement strategy to get best results from citizens

c. Different means of citizen engagement adopted

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d. Extent of coverage of citizen engagement in different media and channels

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e. Incorporation of citizen inputs in overall vision

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## 7. SELF-ASSESSMENT: BASELINE

Define the baseline for your city based on self-assessment criteria given in Annexure 2 (column 'H'). Marks will be awarded based on how well you know your city (Fill column 'I' in the self assessment sheet in Annexure 2 with as many KPIs and "hard metrics" as possible; max 50 words per cell)

Note: Attach Annexure 2

## 8. SELF-ASSESSMENT: ASPIRATIONS & IMPERATIVES

Emerging from the vision statement, assess the qualitative or quantifiable outcomes that need to be achieved for each of the Smart City Features described in Annexure 2 (column 'J'). In column 'K' describe the biggest single initiative/solution that would get each feature of the city to achieve 'advanced' characteristics (eg. increasing share of renewable energy generation in the city by X percent). Note that a single initiative/solution may impact a number of features (eg. improved management of public spaces may ease congestion on roads as well as improve public health). (Fill in Annexure 2; max 50 words per cell)

Note: Attach Annexure 2

## B. AREA-BASED PROPOSAL

The area-based proposal is the key element of the proposal. An area-based proposal will identify an area of the city that has been selected through desk research, analysis, meetings with public representatives, prominent citizens, and citizen engagement, as the appropriate site for either of three types of development: retrofitting (approx. 500 acres), redevelopment (approx. 50 acres) or Greenfield development (approx. 250 acres). This area will be developed into a 'smart' area, which incorporates all the Essential Features/Elements prescribed in the Mission Guidelines and any additional features that are deemed to be necessary and appropriate.

Mapping of information and data is a key part of your Smart City Proposal. Create a suitable Base Map of your city with all the relevant systems and networks as they exist today, showing its physical, administrative and other characteristics, such as natural features, heritage areas, areas prone to flooding, slums, etc. The base map should show the regional context in which your city is located and should contain the spatial and physical layout/morphology of your city, the street network, the open and green spaces, the geographical features and landmarks and the infrastructure, including for transportation, water supply, sewerage, electricity distribution and generation, and so on.

Using the base map, represent, with the most effective method available, as much information and data about the 'Area' selected for area-based development. **Only one 'Area' should be selected and attached in the form of a map containing the spatial and physical layout/morphology of the Area, the street network, the open and green spaces, the geographical features and landmarks and the infrastructure, including for transportation, water supply, sewerage, electricity distribution and generation, and so on.** The Essential Elements and additional features that are proposed to be part of the area-based development should be included. Describe, using mainly graphic means (maps, diagrams, pictures, etc.) the proposed area-based development, including the project boundaries, connectivity, significant relationships, etc.

(max. 2 nos. of A-3 size sheets)

## 9. SUMMARY

Summarize your idea for an area-based development. (max. 100 words)

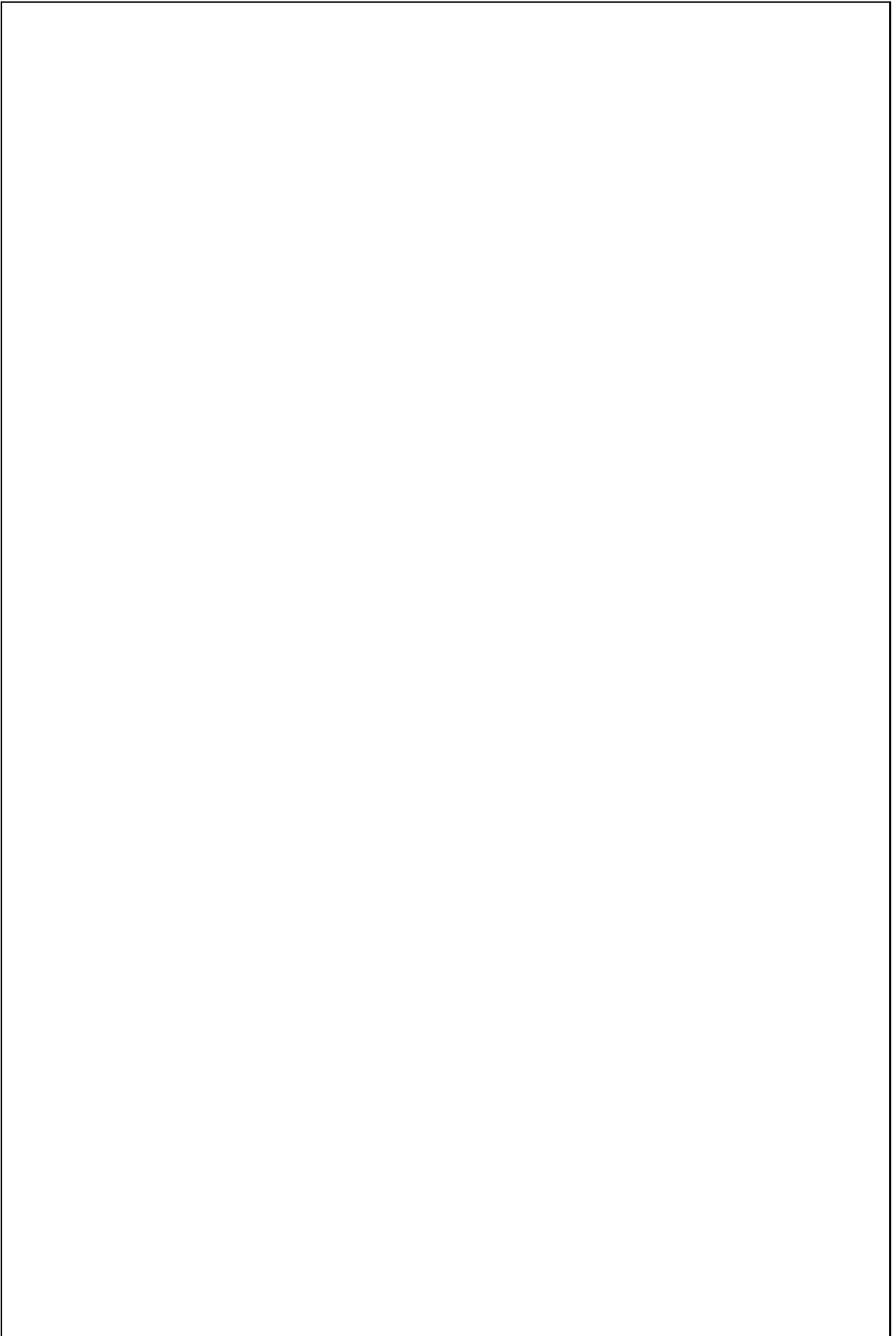
## 10. APPROACH & METHODOLOGY

What is the approach and methodology followed in selecting/identifying the area-based development?

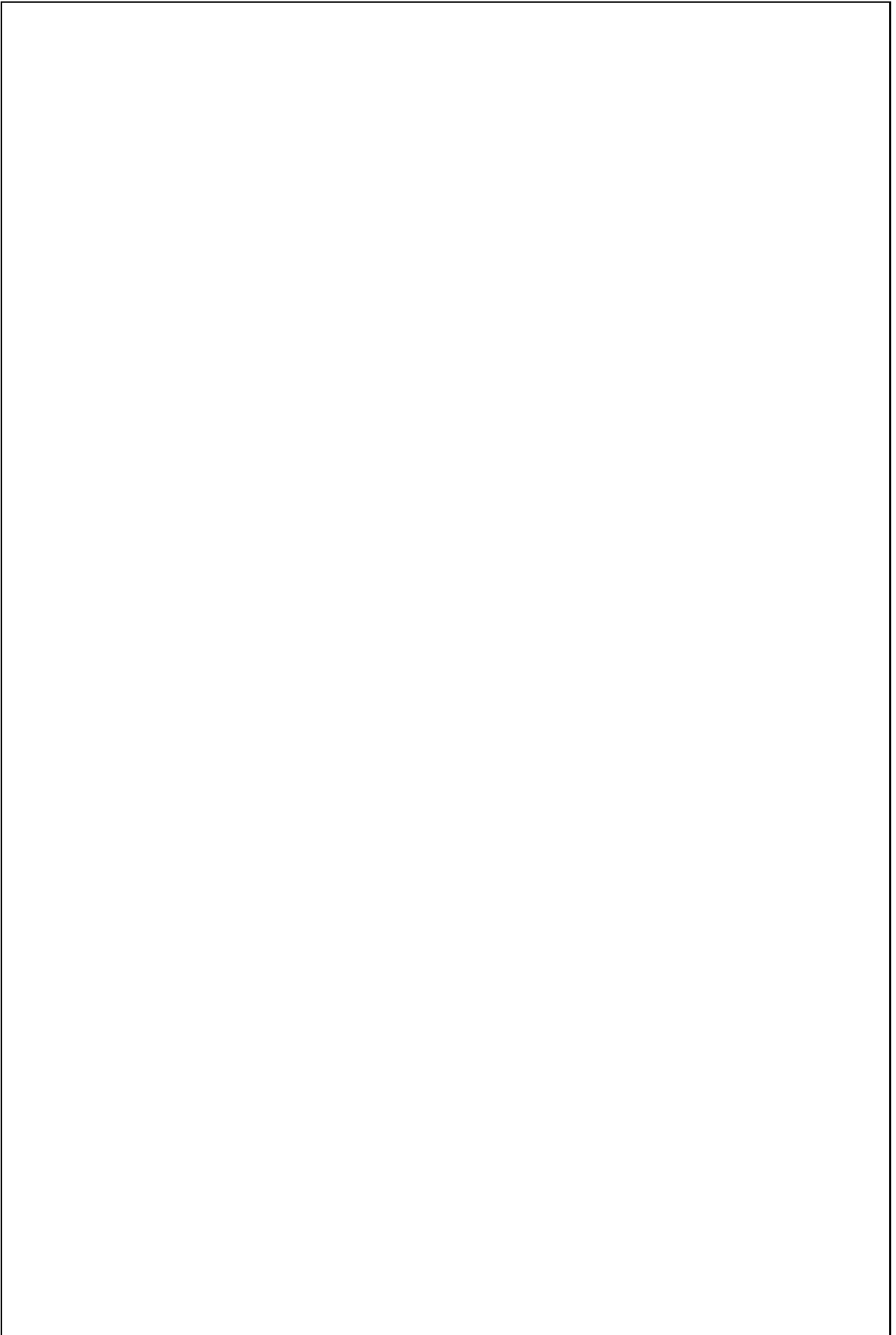
Describe the reasons for your choice based on the following (max. 1000 words):

- a. The city profile
- b. Citizen opinion and engagement
- c. Opinion of the elected representatives
- d. Discussion with urban planners and sector experts
- e. Discussion with suppliers/ partners

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## 11. KEY COMPONENTS

List the key components of your area-based development proposal (eg. buildings, landscaping, on-site infrastructure, water recycling, dual piping for water supply, etc.)? (max. 250 words)

## 12. SMART URBAN FORM

Describe the 'smart' characteristics of the proposed development that relate to urban form (eg. uncluttered public places, mixed-use, open spaces, walkability) and how these will be incorporated. (max. 250 words)

### 13. CONVERGENCE AGENDA

In Table 1, list the Missions/Programmes/Schemes of the Government of India (eg. AMRUT, HRIDAY, SBM, IPDS, Shelter for All, Digital India, Make in India, Skill India) and relevant external projects and describe how your proposal will achieve convergence with these, in terms of human and financial resources, common activities and goals. (max. 50 words per cell)

TABLE 1		
S.No	Mission/Programme/ Scheme/Project	How to achieve convergence
1		
2		
3		

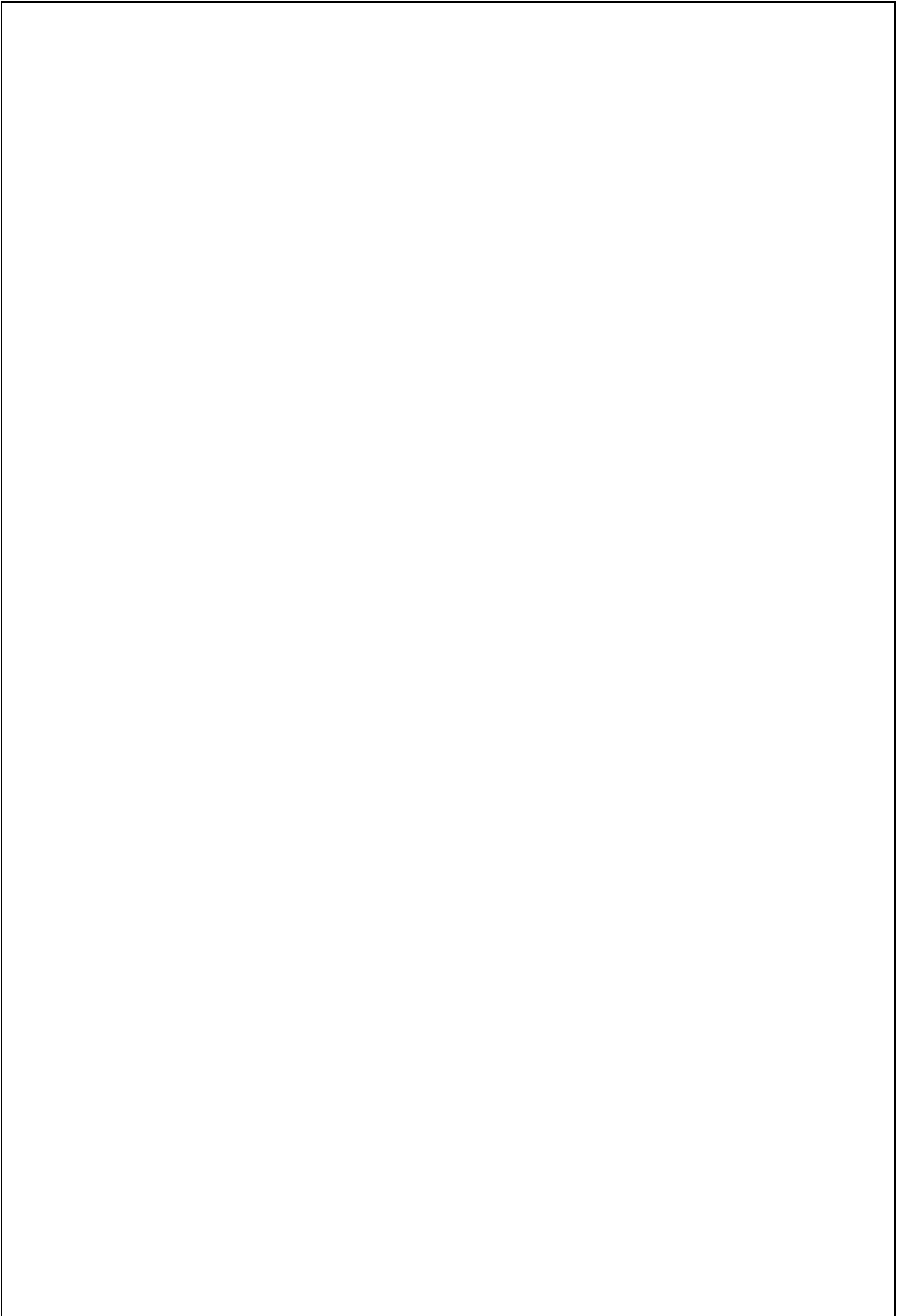
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TABLE 1

S.No	Mission/Programme/ Scheme/Project	How to achieve convergence
4		
5		
6		
7		

## 14. CONVERGENCE IMPLEMENTATION

Describe how the convergence will be implemented? For example, convergence with IPDS will be credible if 'smart' city elements (e.g. smart metering, underground cabling, shifting of transformers) are included in the DPR being prepared for IPDS. If, a DPR has already been prepared, then the 'smart' elements should be included in the form of a supplementary DPR. Furthermore, according to the IPDS Guidelines the DPR has to be approved by the State Government and sent to the Ministry of Power, Government of India. All these have to be completed before submitting the proposal. (max. 350 words)



## 15. RISKS

What are the three greatest risks that could prevent the success of the area-based proposal? In Table 2, describe each risk, its likelihood, the likely impact and the mitigation you propose. (max. 50 words per cell)

TABLE 2			
Risk	Likelihood	Impact	Mitigation

Continue on next page

TABLE 2

Risk	Likelihood	Impact	Mitigation

Continue on next page



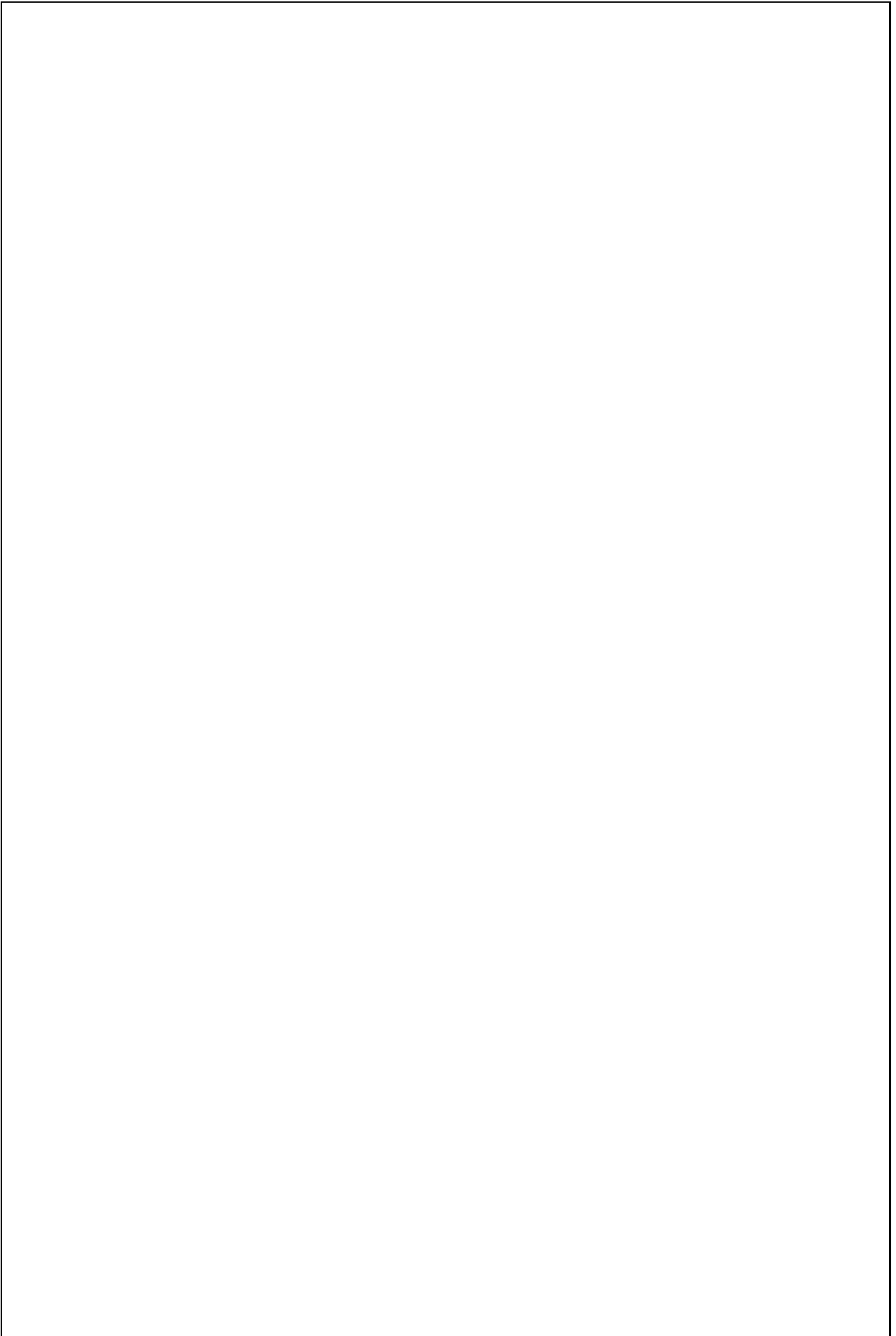
TABLE 2

Risk	Likelihood	Impact	Mitigation

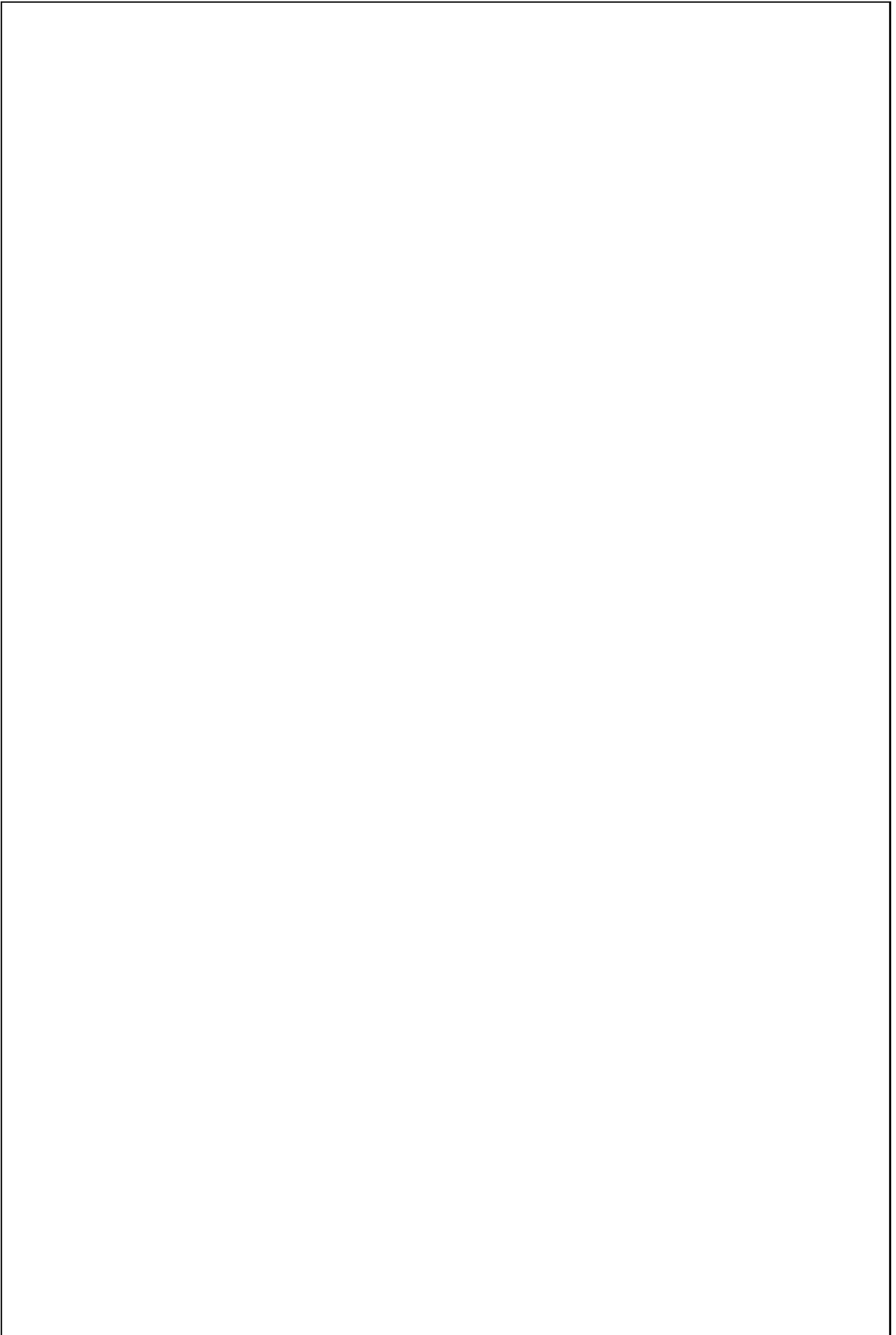
## 16. ESSENTIAL FEATURES ACHIEVEMENT PLAN

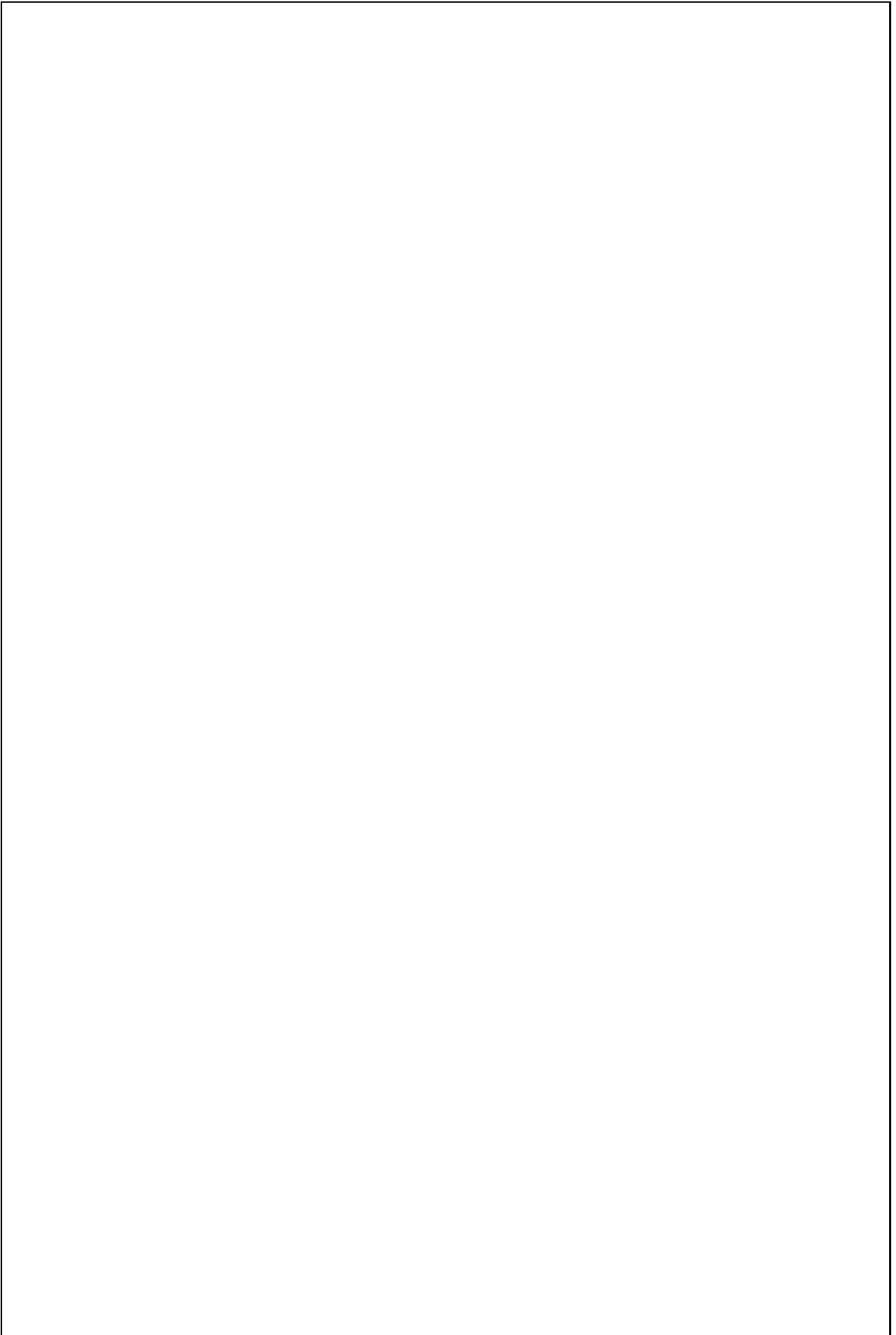
Describe a plan for achieving the Essential Features in your area-based proposal. Importantly, accessible infrastructure for the differently-abled should be included. List the inputs (eg. resources) that will be required for the activities that you will conduct, leading to the outputs. Please note that all Essential Elements, item-wise, have to be included in the area-based proposal. (max. 2000 words)

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## 17. SUCCESS FACTORS

Describe the three most significant factors for ensuring the success of the area-based development proposal. What will your city do if these factors turn out to be different from what you have assumed?  
(max. 500 words)

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## 18. MEASURABLE IMPACT

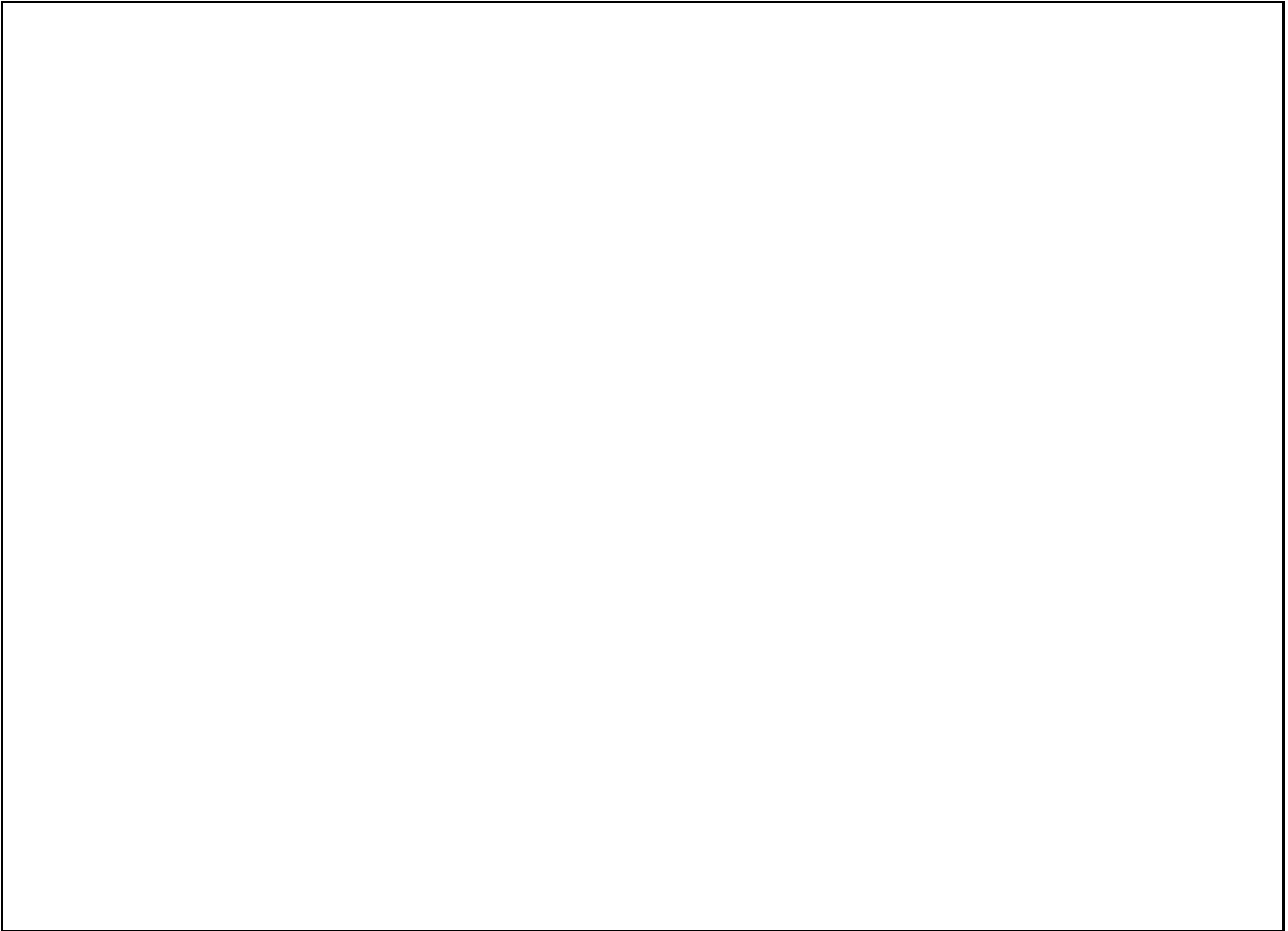
What will be the measurable impact of the area-based development proposal, on the area and the wider city, through scale-up and replication? Please describe with respect to the five types below, as relevant to your city and proposals (max. 150 words each):

- a. Governance Impact (eg. improvement in service provision and recovery of charges due to establishment of SPV)

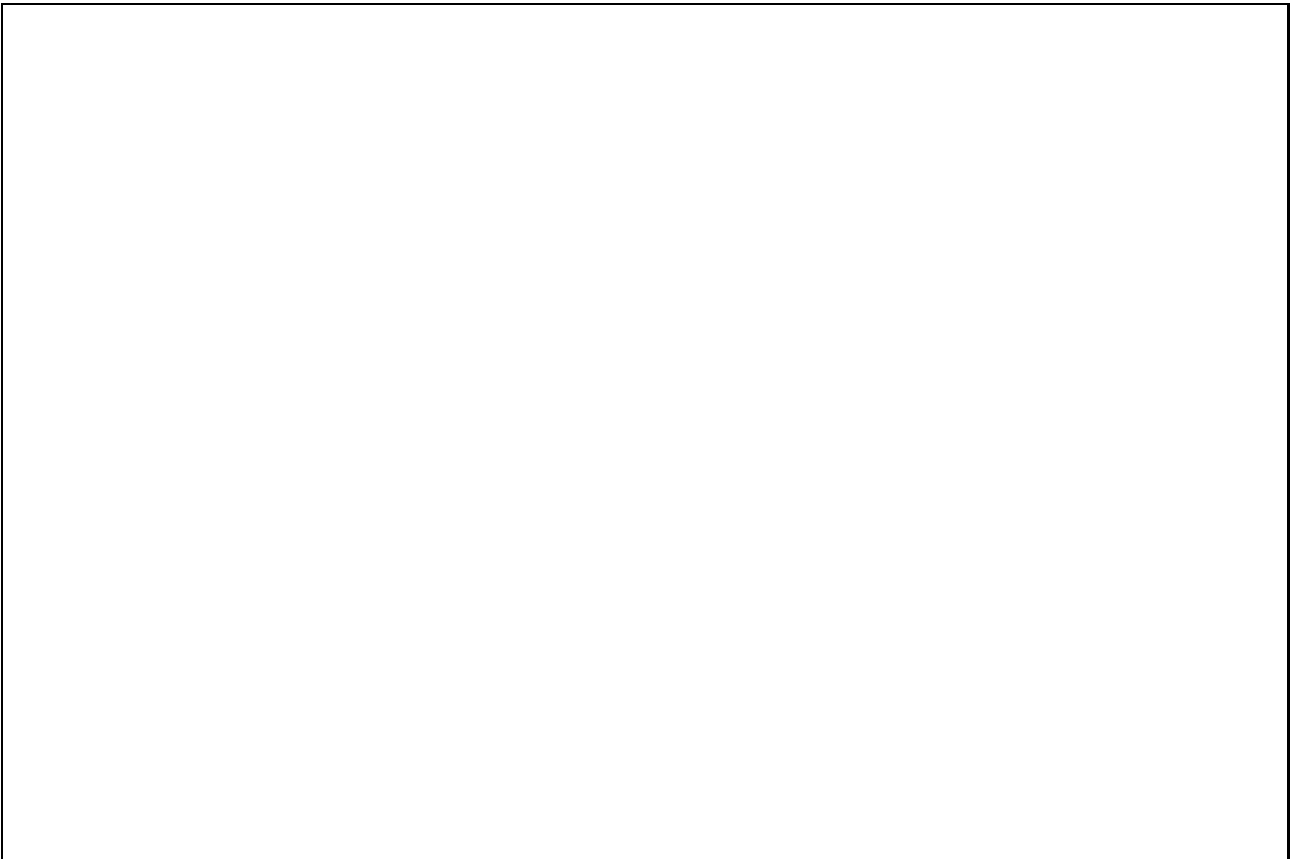
- b. Spatial Impact (eg. built form changed to incorporate more density or more public space)



c. Economic Impact (eg. new commercial space created for organized economic activity)

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d. Social Impact (eg. accessible features included in the Proposal)

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- e. Sustainability, including environmental impact (eg. intensive 24X7 use of public spaces results in reduced traffic and reduced pollution)



## C. PAN-CITY PROPOSAL (S)

A pan-city smart solution should benefit the entire city through application of ICT and resulting improvement in local governance and delivery of public services. The SCP should contain one or two such Smart Solutions. Generally, 'smartness' refers to doing more with less, building upon existing infrastructural assets and resources and proposing resource efficient initiatives.

### 19. SUMMARY

Summarize your idea(s) for the pan-city proposal(s). (max. 100 words)

## 20. COMPONENTS

List the key components of your pan-city proposal(s). (max. 250 words)

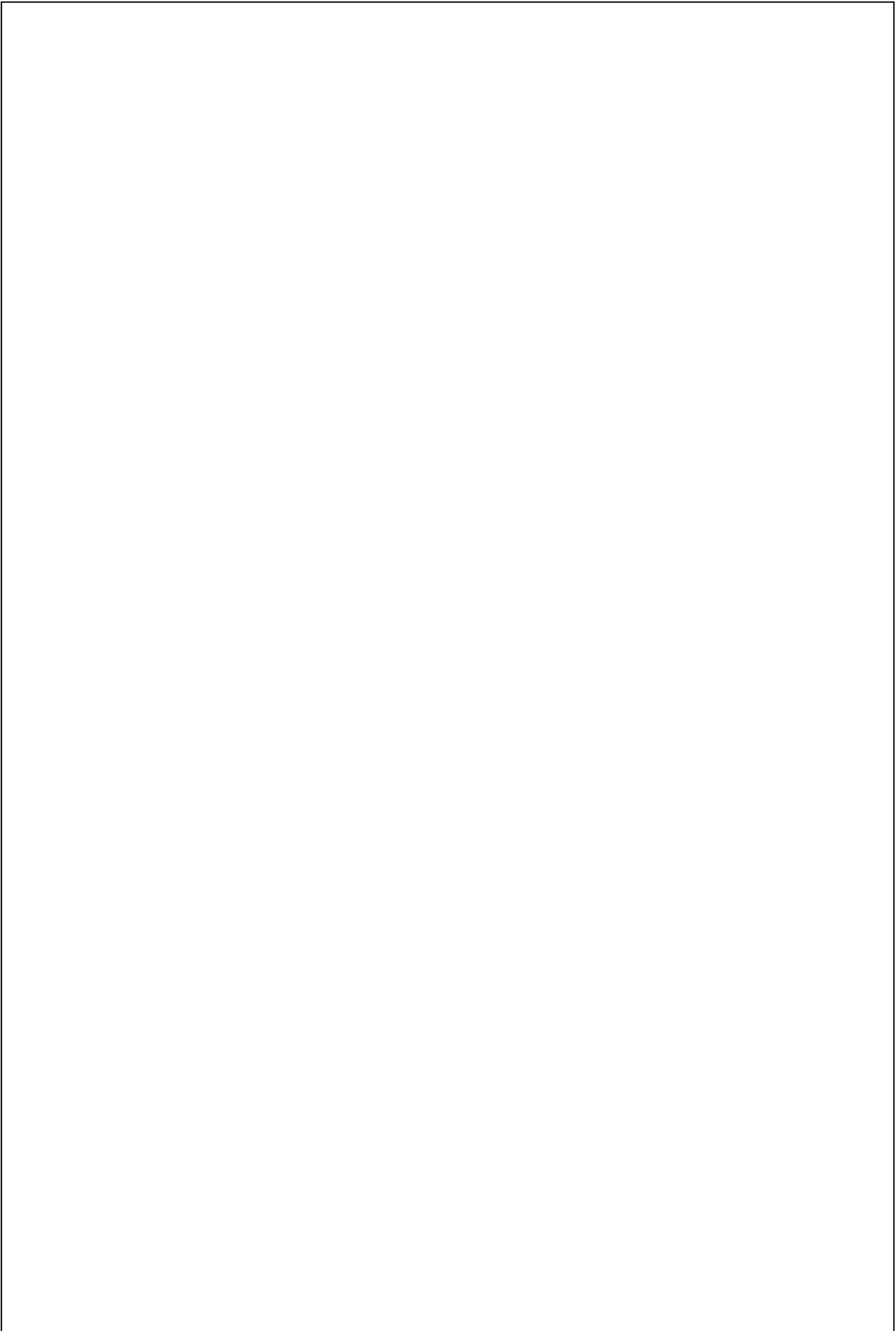
## 21. APPROACH & METHODOLOGY

What is the approach and methodology followed in selecting/identifying the pan-city proposal(s)?

Describe the reasons for your choice based on the following (max. 1000 words):

- a. The city profile and self assessment;
- b. Citizen opinion and engagement
- c. Opinion of the elected representatives
- d. Discussion with urban planners and sector experts
- e. Discussion with suppliers/ partners

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## 22. DEMAND ASSESSMENT

What are the specific issues related to governance and public services that you have identified during city profiling and citizen engagement that you would like to address through your pan city proposal(s)?

How do you think these solution(s) would solve the specific issues and goals you have identified?

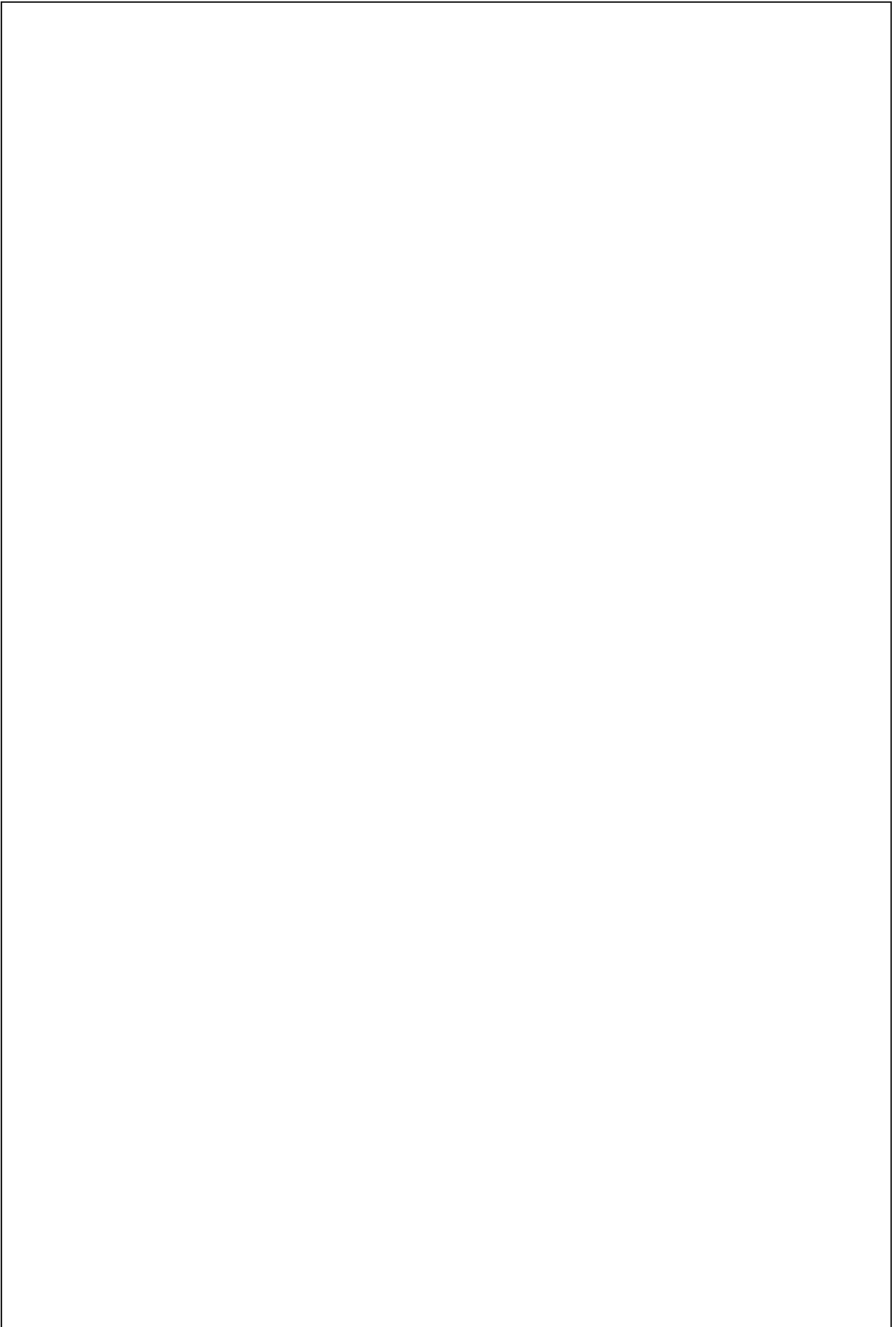
(max.1000 words)

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## 23. INCLUSION

How inclusive is/are your pan-city proposal(s)? What makes it so? (max. 150 words)

## 24. RISK MITIGATION

What are the three greatest risks that could prevent the success of the pan-city proposal(s)? In table 3, describe each risk, its likelihood, the likely impact and the mitigation you propose. (max. 50 words per cell)

TABLE 3			
Risk	Likelihood	Impact	Mitigation

Continue on next page

TABLE 3

Risk	Likelihood	Impact	Mitigation

Continue on next page

TABLE 3

Risk	Likelihood	Impact	Mitigation

Continue on next page

## 25. FRUGAL INNOVATION

Which is the model or 'best practice' from another city that you are adopting or adapting in your proposal(s)? How are you innovating and ensuring best use of resources? Is there an aspect of 'frugal innovation' in your proposal(s)? (max. 500 words)

Continue on next page

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## 26. CONVERGENCE AGENDA

In Table 4, list the Missions/Programmes/Schemes of the Government of India (eg. SBM, AMRUT, HRIDAY, Shelter for All, Digital India, Make in India, Skill India) and relevant external projects and describe how your proposal(s) will achieve convergence with these, in terms of human and financial resources, common activities and goals. (max. 50 words per cell)

TABLE 4		
S.No	Missions/Programmes/Schemes/Projects	How to achieve convergence
1		

Continue on next page

TABLE 4

S.No	Missions/Programmes/Schemes/Projects	How to achieve convergence
2		
3		
4		

Continue on next page

TABLE 4		
S.No	Missions/Programmes/Schemes/Projects	How to achieve convergence
5		
6		
7		



## 27. CONVERGENCE IMPLEMENTATION

Describe how the convergence will be implemented? (max. 350 words)

## 28. SUCCESS FACTORS

Describe the three most significant factors for ensuring the success of the pan-city proposal(s). What will your city do if these factors turn out to be different from what you have assumed? (max. 250 words)

Continue on next page

## 29. **BENEFITS DELIVERED**

How will you measure the success of your pan-city proposal(s) and when will the public be able to 'see' or 'feel' benefits: immediately, within Year 1, or in the medium or long term, 3-5 years? (max. 150 words)

### 30. MEASURABLE IMPACT

What will be the measurable impact of your pan-city proposal(s)? Please describe with respect to the following types given below, as relevant to your city and proposals (max. 150 words)

- a. Governance Impact (eg. government response time to citizen complaints halved, creating faster service delivery overall)

- b. Impact on public services (eg. real-time monitoring of mosquito density in the atmosphere reduces morbidity)

# D. IMPLEMENTATION PLAN

## 31. IMPLEMENTATION PLAN

In Table 5, describe the activities/components, targets, resources and timelines required to complete the implementation of your area-based development and pan-city solution/s. This should include the items mentioned as Essential Features in Q. No. 16 plus other 'smart' solutions, including accessible infrastructure for differently-abled. (max. 50 words per cell)

Table 5						
S · N o	Activity/component	Indicator	Baseline (as on)	Target	Resources required	Likely date of completion
<b>AREA-BASED DEVELOPMENT</b>						
1						
2						

Table 5						
S · N o	Activity/component	Indicator	Baseline (as on)	Target	Resources required	Likely date of completion
3						
4						
5						

Continue on next page

Table 5						
S · N o	Activity/component	Indicator	Baseline (as on)	Target	Resources required	Likely date of completion
6						
7						
8						

Table 5						
S · N o	Activity/component	Indicator	Baseline (as on)	Target	Resources required	Likely date of completion
<b>PAN-CITY SOLUTION</b>						
1						
2						
3						

Continue on next page

Table 5						
S · N o	Activity/component	Indicator	Baseline (as on)	Target	Resources required	Likely date of completion
4						
5						
6						



## 32. SCENARIOS

Using information from Table 5, describe the critical milestones, realistic timelines and sequencing of efforts and events that you are projecting as the short-, medium- and long-term scenarios for your smart city. If necessary, include PERT and CPM charts in Annexure 3. (max. 500 words)

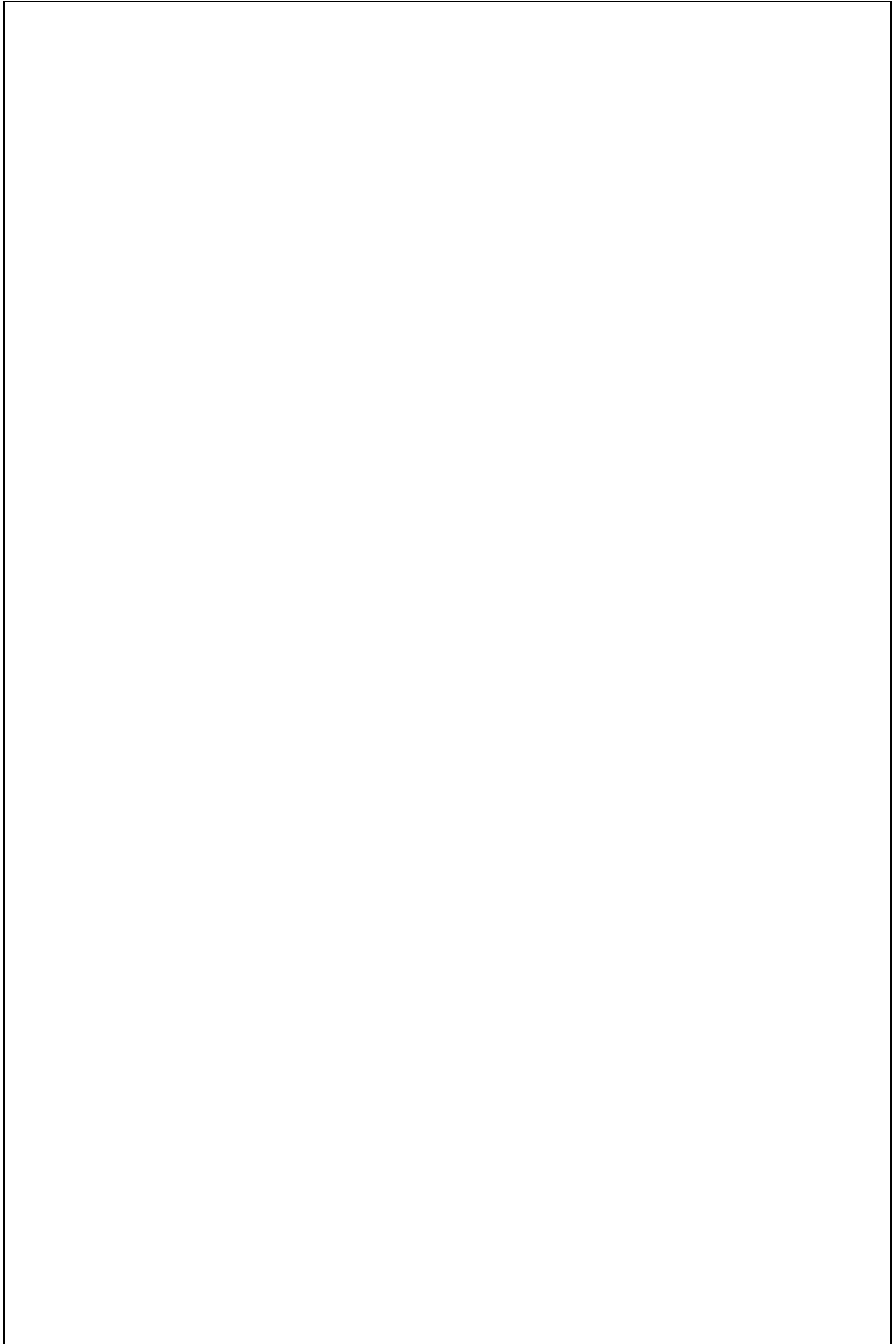
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### 33. SPV

The SPV is a critical institution for the implementation of the Proposal. Describe the SPV you propose to create in your city, with details of its composition and structure, leadership and governance, and holding pattern. Based on your responses in Table 6 describe how you envision the SPV to fulfill the role set out in the Mission Guidelines. (max. 500 words)

Table 6 (CHECKLIST: supporting documents for 1-7 must be submitted in Annexure 4)		
S. No.	Activity	Yes/No
1.	Resolution of the Corporation/Council approving Smart City Plan including Financial Plan.	
2.	Resolution of the Corporation/Council for setting up Special Purpose Vehicle.	
3.	Agreement/s with Para Statal Bodies, Boards existing in the City for implementing the full scope of the SCP and sustaining the pan-city and area-based developments.	
4.	Preliminary human resource plan for the SPV.	
5.	Institutional arrangement for operationalisation of the SPV.	
6.	If any other SPV is operational in the City, the institutional arrangement with the existing SPV	
7.	Additional document/s as appropriate	



### 34. CONVERGENCE

In Table 7, give details of the government (Central, state/ULB) departments, parastatal organizations and public agencies who will be involved with the time-bound execution of each of the project activities/components (both area-based and pan-city) you have identified. (In Annexure 3, include a flowchart showing the network/relationships that the SPV will form with government and non-government agencies, and indicating the nature of connection with each entity.) (max. 50 words per cell)

<b>TABLE 7</b>			
<b>S.No</b>	<b>Activity/Component</b>	<b>Department/agency/organization</b>	<b>Role/responsibility</b>
1			
2			
3			

Continue on next page

TABLE 7			
S.No	Activity/ Component	Department/agency/ organization	Role/responsibility
4			
5			
6			
7			

Continue on next page

TABLE 7

S.No	Activity/ Component	Department/agency/ organization	Role/responsibility
8			
9			
10			
11			

### 35. PPP

In Table 8, give details of all the private companies/corporations/organizations that need to be engaged with the execution and operations & maintenance of the various activities and components envisaged in this proposal, along with a description of their roles and responsibilities as basic TORs. Use appropriate terms such as 'vendor', 'concessionaire', 'JV partner', etc. (max. 50 words per cell)

<b>TABLE 8</b>			
<b>S. No</b>	<b>Activity/ Component</b>	<b>Company/corporation/ organization</b>	<b>Role/responsibility (basic TOR)</b>
1			
2			
3			

Continue on next page

TABLE 8

S. No	Activity/ Component	Company/corporation/ organization	Role/responsibility (basic TOR)
4			
5			
6			
7			



TABLE 8

S. No	Activity/ Component	Company/corporation/ organization	Role/responsibility (basic TOR)
8			
9			
10			
11			

## 36. STAKEHOLDER ROLES

Attach one A-4 sheet (part of 'Annexure 3'), containing an organogram showing the relationships:

- a) MPs, MLAs, MLCs.
- b) Mayors, Councilors, other elected representatives.
- c) Divisional Commissioner
- d) Collector
- e) Municipal Commissioner
- f) Chief Executive of the Urban Development Authority/ Parastatal
- g) Consultant (Select from empanelled list)
- h) Handholding Organisation (Select from following list: World Bank, ADB, JICA, USTDA, AFD, KfW, DFID, UN Habitat, UNIDO, Other)
- i) Vendors, PPP Partners, Financiers
- j) Others, (eg. community representatives) as appropriate to your city

## E. FINANCIAL PLAN

The development of bankable proposals will be a key success factor in the Smart City Mission. In order to arrange appropriate amounts and types of funding and financing for your SCP, you must keep financial considerations always in mind while preparing your overall strategy and the pan-city and area-based proposals. It is anticipated that innovative means of funding and financing the projects will be necessary. For this purpose, you must evaluate the capacity of the ULB and the SPV to undertake self-funded development projects, the availability of funds from other government schemes that will converge in your SCP (refer Questions 13 and 26), and the finance that can be raised from the financial market.

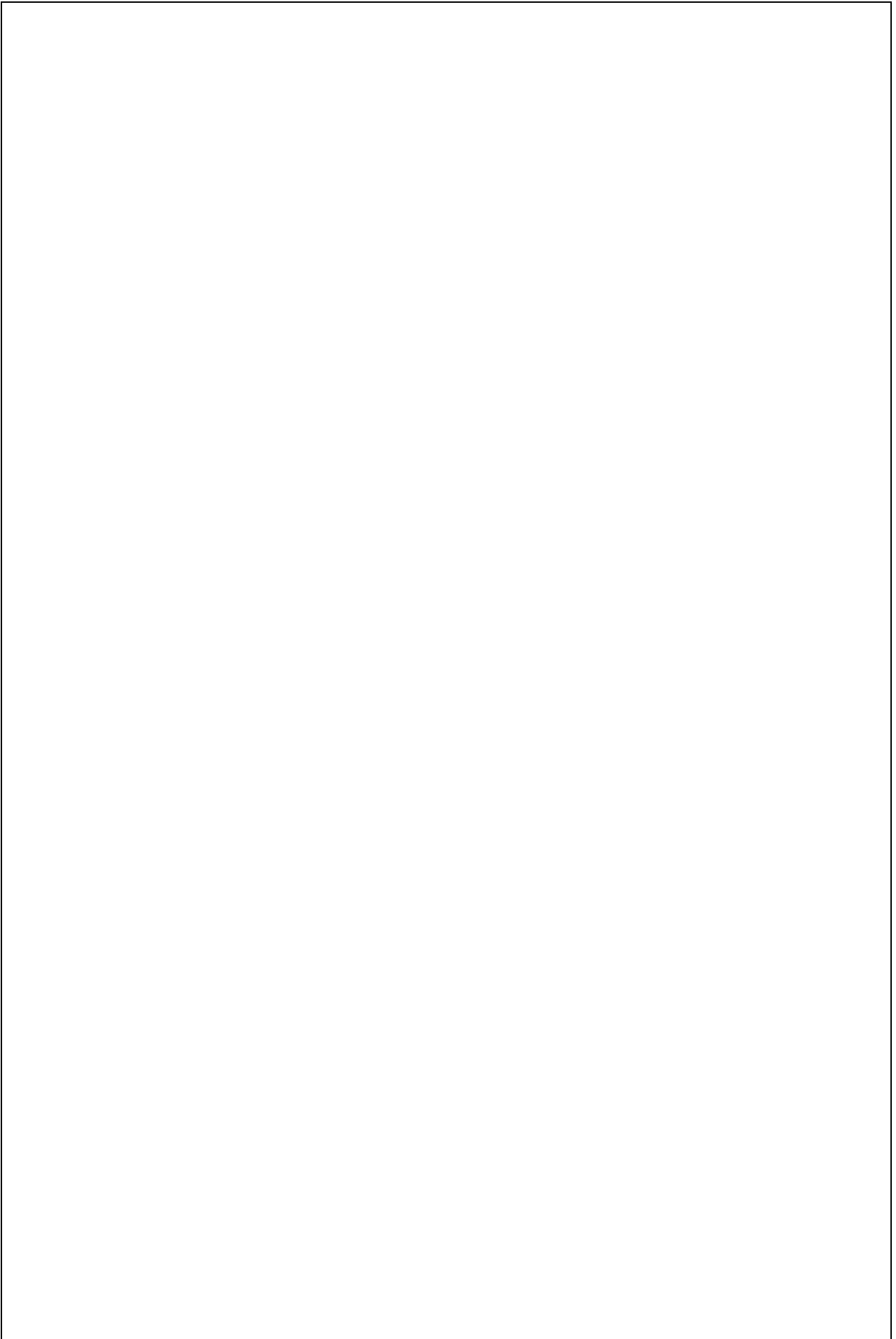
### 37. ITEMISED COSTS

What is the total project cost of your Smart City Proposal (SCP)? Describe in detail the costs for each of the activities/components identified in Questions 31. (Describe in Max. 300 words)

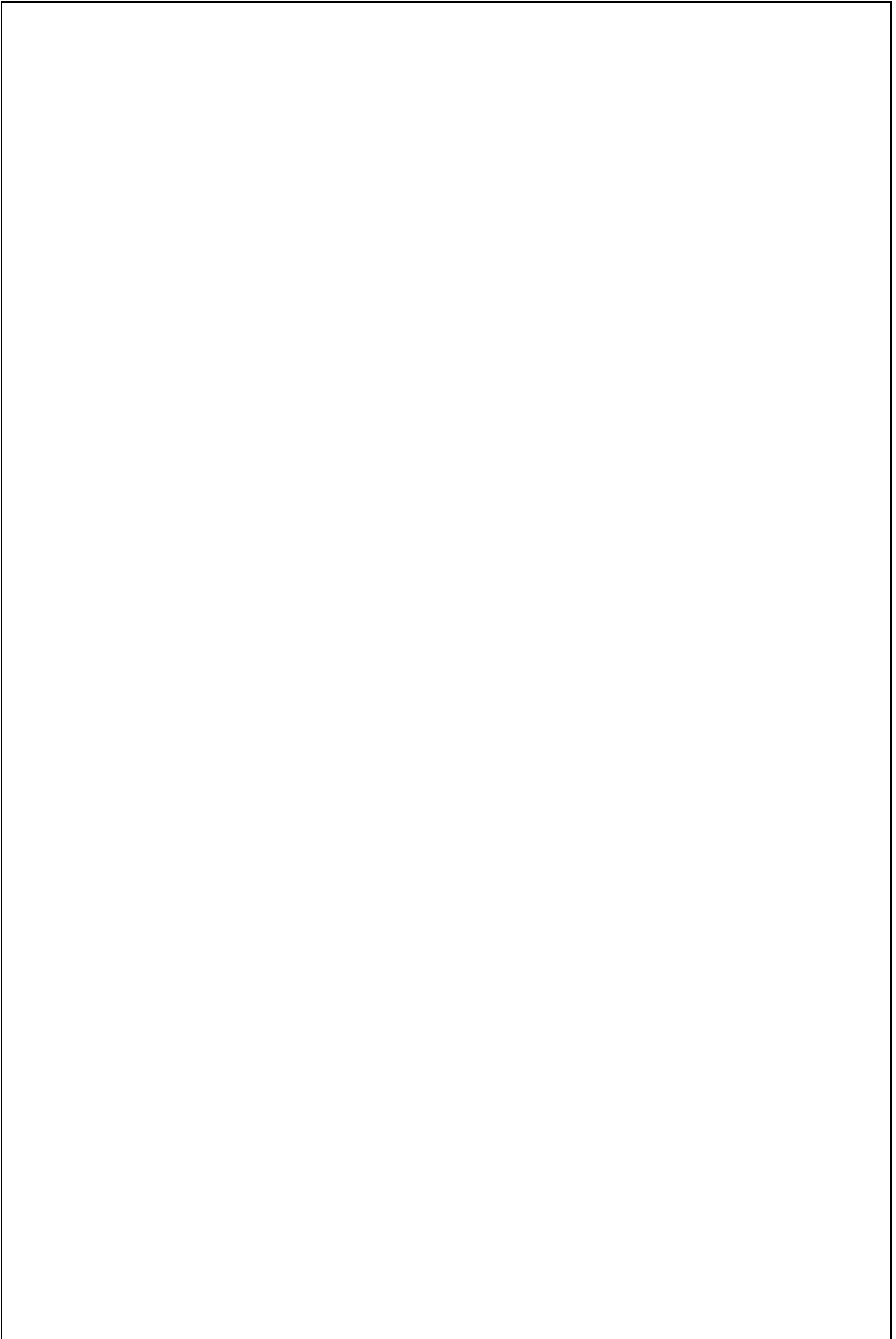
### 38. RESOURCES PLAN

Describe the financing sources, the own-sources of income, the financial schemes of the Central or State governments for which your city/SPV is eligible, which can be used to fund the SCP proposals and pay back loans. Briefly describe an action-plan for resource improvement to make the ULB financially self-sustaining. (max. 1500 words)

Continue on next page



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### 39. COSTS

What is the lifetime cost estimated for your area-based development and your pan-city solution/s? Add O&M costs wherever applicable. (max 500 words)

Continue on next page

#### 40. **REVENUE AND PAY-BACK**

How will the area based development and the pan-city smart solutions(s) of your city be financed? If you plan to seek loans or issue bonds, what revenue sources will be used to pay back the loans?

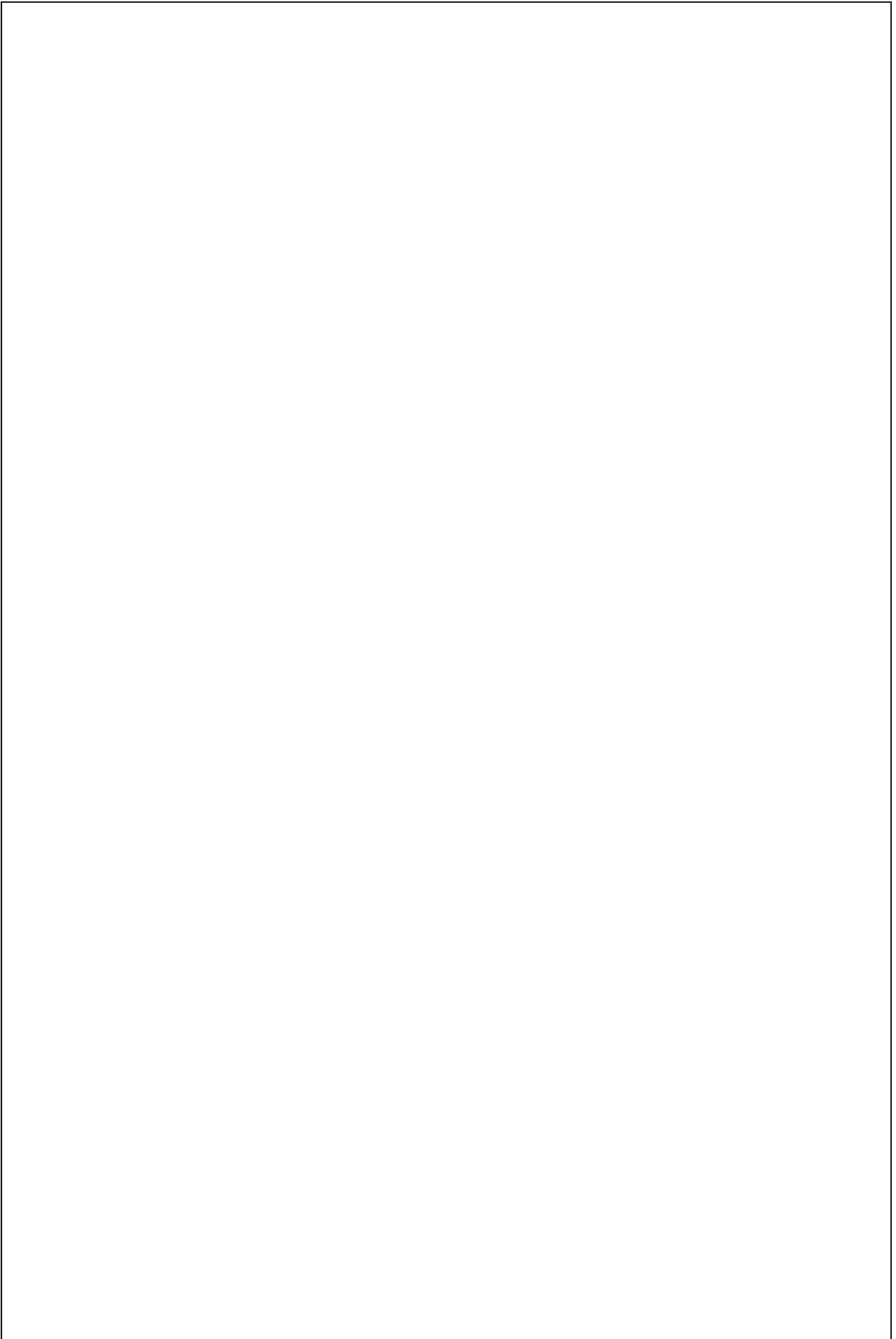
(max. 250 words)



## 41. RECOVERY OF O&M

What is your plan for covering the Operations & Maintenance costs for each of the activities/components identified in Questions 31? (max. 1000 words)

Continue on next page



## 42. FINANCIAL TIMELINE

What is the financial timeline for your smart city agenda? Describe the milestones and target dates related to fund flows, payback commitments, etc. that must be adhered to for the proposal to achieve the vision set out in Table 5 (question 31)? (max. 1 page: A4 size)


### 43. FALL-BACK PLAN

What is your plan for mitigating financial risk? Do you have any alternatives or fall-back plans if the financial assumptions do not hold? (max. 250 words)



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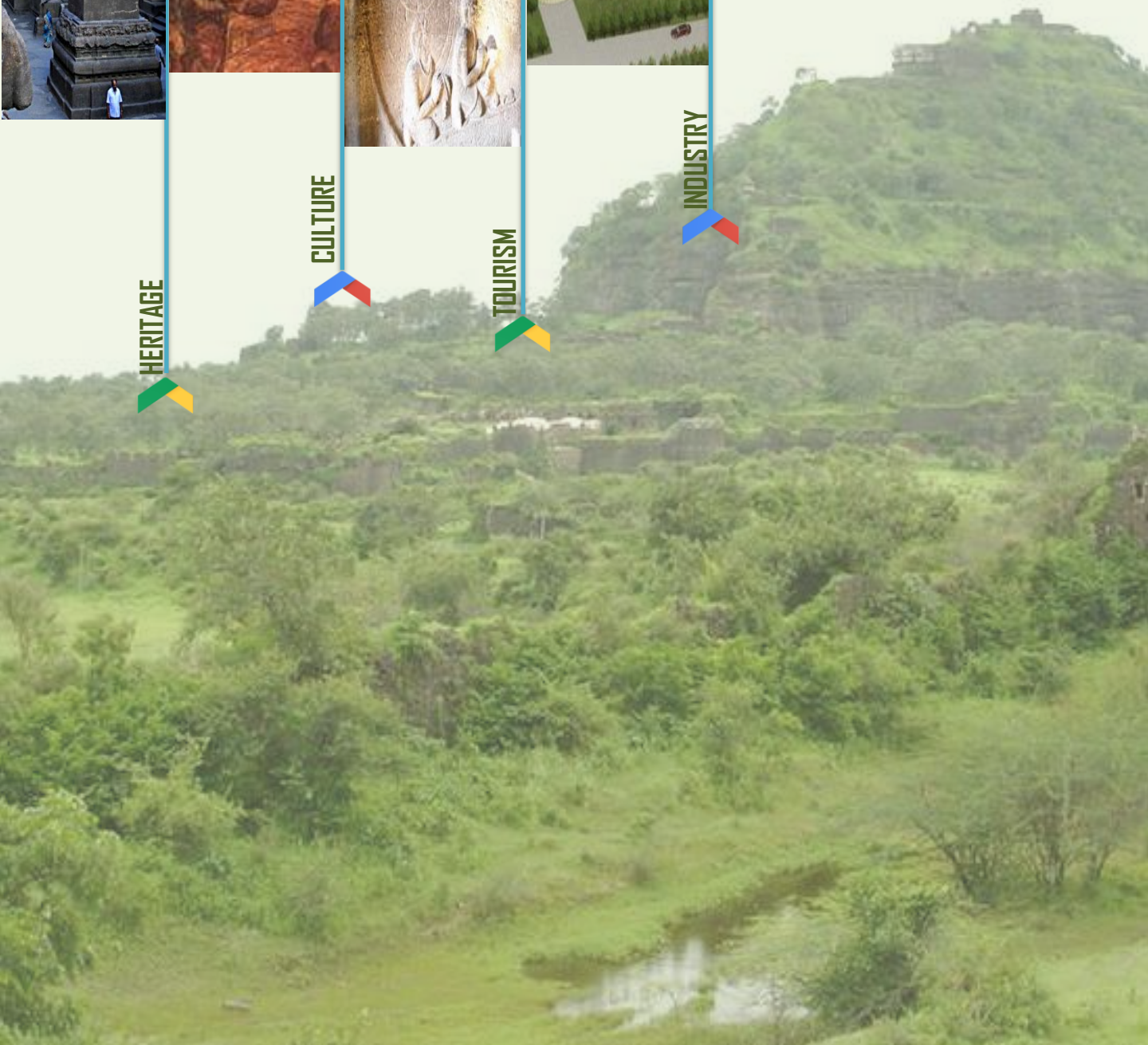


HERITAGE

CULTURE

TOURISM

INDUSTRY



**AURANGABAD MUNICIPAL CORPORATION, AURANGABAD**

**ANNEXURE 1**

**SMART CITY FEATURES**

**SMART CITY PROPOSAL- AURANGABAD**

## ANNEXURE 1

S. No	Feature	Definition
1.	Citizen participation	A smart city constantly adapts its strategies incorporating views of its citizens to bring maximum benefit for all. (Guideline 3.1.6)
2.	Identity and culture	A Smart City has a unique identity, which distinguishes it from all 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. (Guideline 3.1.7)
3.	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. (Guideline 2.6 & 3.1.7 & 6.2)
4.	Health	A Smart City provides access to healthcare for all its citizens. (Guideline 2.5.10)
5.	Education	A Smart City offers schooling and educational opportunities for all children in the city (Guideline 2.5.10)
6.	Mixed use	A Smart City has different kinds of land uses in the same places; such as offices, housing, and shops, clustered together. (Guidelines 3.1.2 and 3.1.2)
7.	Compactness	A Smart City encourages development to be compact and dense, where buildings are ideally within a 10-minute walk of public transportation and are located close together to form concentrated neighborhoods and centers of activity around commerce and services. (Guidelines 2.3 and 5.2)
8.	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. (Guidelines 3.1.4 & 6.2)
9.	Housing and inclusiveness	A Smart City has sufficient housing for all income groups and promotes integration among social groups. (Guidelines 3.1.2)
10.	Transportation & 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. (Guidelines 3.1.5 & 6.2)
11.	Walkable	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. (Guidelines 3.1.3 & 6.2)
12.	IT connectivity	A Smart City has a robust internet network allowing high-speed connections to all offices and dwellings as desired. (Guideline 6.2)

13.	Intelligent 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. (Guidelines 2.4.7 & 3.1.6 & 5.1.4 & 6.2)
14.	Energy supply	A Smart City has reliable, 24/7 electricity supply with no delays in requested hookups. (Guideline 2.4)
15.	Energy source	A Smart City has at least 10% of its electricity generated by renewables. (Guideline 6.2)
16.	Water supply	A Smart City has a reliable, 24/7 supply of water that meets national and global health standards. (Guidelines 2.4 & 6.2)
17.	Waste water management	A Smart City has advanced water management programs, including wastewater recycling, smart meters, rainwater harvesting, and green infrastructure to manage storm water runoff. (Guideline 6.2)
18.	Water quality	A Smart City treats all of its sewage to prevent the polluting of water bodies and aquifers. (Guideline 2.4)
19.	Air quality	A Smart City has air quality that always meets international safety standards. (Guideline 2.4.8)
20.	Energy efficiency	A Smart City promotes state-of-the-art energy efficiency practices in buildings, street lights, and transit systems. (Guideline 6.2)
21.	Underground electric wiring	A Smart City has an underground electric wiring system to reduce blackouts due to storms and eliminate unsightliness. (Guideline 6.2)
22.	Sanitation	A Smart City has no open defecation, and a full supply of toilets based on the population. (Guidelines 2.4.3 & 6.2)
23.	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. (Guidelines 2.4.3 & 6.2)
24.	Safety	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. (Guideline 6.2)





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HERITAGE



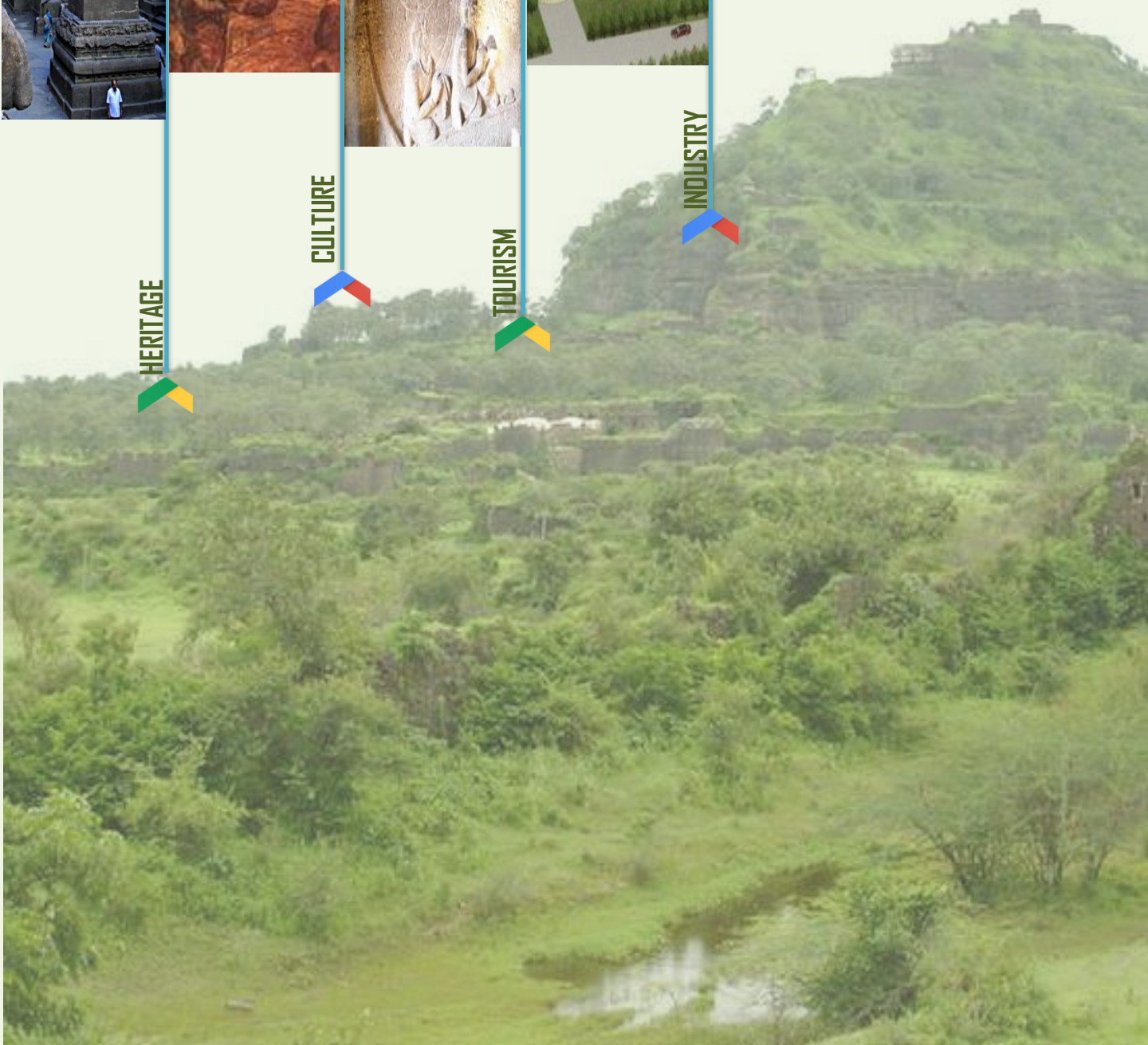
CULTURE



TOURISM



INDUSTRY



**AURANGABAD MUNICIPAL CORPORATION, AURANGABAD**

**ANNEXURE 2**

**SELF ASSESSMENT**

**SMART CITY PROPOSAL- AURANGABAD**



## **ANNEXURE 2**

### **Self-Assessment Form**

**Attach self-assessment format given in supplementary template (Excel sheet),  
with columns I-L duly filled**

**ANNEXURE II – SMART CITY CHALLENGE PROPOSAL AURANGABAD**

S. No.	Feature	Self-assessment	Baseline	Projection 'where city wants to be'	Input / Initiative
1	citizen participation	Scenario 2	AMC interacts with citizens through 'Janta Darbars' and regular ward office meetings; issues a monthly e-bulletin disseminating information about important schemes and development projects; has an online grievance redressal system with target time line of 7 days. AMC website has Citizen Services Portal which supports property registration, on-line property tax payments, birth and death registration, AADHAAR card processing, hospital registration, etc.	Bridging and strengthening the gap between the decision making and citizens. Aurangabad aspires to engage all the residents involving in making all major policy and project level decisions and solutions, both through offline and online channels.	<ul style="list-style-type: none"> <li>• Generating awareness amongst the citizen on the purpose of interactions so that constructive ideas flows-in.</li> <li>• Strengthening the ICT enabled e-governance.</li> <li>• Provisioning for merging NGO's, co-operates and various citizen organizations to help the municipality in building a better city.</li> </ul>
2	Identity and Culture	Scenario 2	Aurangabad is gateway to two UNESCO World Heritage Sites: Ajanta and Ellora Caves, which attracted 1,682,472 domestic and 50,421 foreign tourists in 2014-15. There are other seven ASI protected monuments listed in the Aurangabad circle, Maharashtra. The city celebrates 'Ellora Festival' every year to promote local culture. Aurangabad form part of "Mega Tourism Circuit". The Jayakwadi dam is a natural heritage which attracts over 70 species of migratory birds.	Building further on the strong identity of the city as tourism, heritage and cultural centre to bring the city amongst leading destinations for the domestic and international tourists.	<ul style="list-style-type: none"> <li>• Promote natural heritage by water body conservation and water front development with well connectivity to public transport system.</li> <li>• Conservation and restoration of historic monuments and encouraging it with various festivals and fairs.</li> <li>• Introduce tourist circuits in the city with a hop-on-hop-off bus facility.</li> <li>• Promote the agri-eco-tourism with exposure to exploration of local art like Himroo and Bidri works.</li> </ul>
3	Economy and Employment	Scenario 3	Over 1.2 Lakh workers are employed in 6,193 industrial units spread across five industrial estates in and around the city. Another 1.2 Lakh serving in Hospitality, transportation, trade & government services sectors. City's ambition of being 'Opportunity land' in the state has started through development of AURIC city in Shendra – Bidkin and First Dry-Port of Marathwada in Jalan etc.	Leveraging the juxtaposition and the potential of the city in terms of existing and already proposed industrial base and growing tourism services in compliment with the strong human capital to create more than 200,000 jobs in the near future for the youth to make the city the "Opportunity land" in the state.	<ul style="list-style-type: none"> <li>• Provision for ease of Business concept for inviting more IT Parks, SEZs and Industrial areas.</li> <li>• Creation of Skill Development centres.</li> <li>• Develop tourism sector like a start-up of heritage walks, cultural events, handicrafts festivals, etc.</li> </ul>

S. No.	Feature	Self-assessment	Baseline	Projection 'where city wants to be'	Input / Initiative
4	Education	Scenario 2	There are more than 30 degree colleges including one of the oldest premier University - Dr. Babasaheb Ambedkar Marathwada University. City has 422 schools from government and private sector having a student –teacher ratio of 37. The literacy rate as per 2011 census is 87.49%.	The city's goal is to achieve 100% literacy in the next 10 years and become an important education hub by creating an environment that would attract reputed global institutions and academicians that would support the city's vision of driving growth by channelizing industrial and tourism drivers.	<ul style="list-style-type: none"> <li>Using a digital platform/ ICT as a key education delivery tool, thus ensuring accessibility and availability.</li> <li>Collaborating with national and international institutions to improve the quality of education at all levels and ensure skill development relevant to local industries and services.</li> </ul>
5	Health	Scenario 2	City has more than 300 hospitals and 2000 doctors with a bed –capacity of 5,300. Aurangabad has 4.5 beds per 1000 population, against the WHO standard of 5.	Aurangabad aspires to become the medical tourism hub by strengthening its primary and secondary healthcare services through digital platforms and partnerships with private national and international medical facilities. Improving the environment and living index of the weaker section.	<ul style="list-style-type: none"> <li>AMC is proposing to invest in healthcare infrastructure and services through partnerships with the private sector, CSR practices and public funding.</li> <li>City wants to endure enabling healthcare mobile/web-enabled applications services for health monitoring, an emergency response system for water and sanitation, the development of green spaces and public awareness as preventive measures.</li> </ul>
6	Mixed-Use	Scenario 2	The city has 4 MIDC areas which have been developed on the concept of mixed use development. The city is already leveraging on a direction of mixed-use development, allowing for SEZs and Industrial Parks which would encourage walk-to-work concept and improve the quality of life.	The city intends to control the unplanned development, provide the world class infrastructure, develop socially inclusive and environment friendly areas.	<ul style="list-style-type: none"> <li>The city intends to have well planned, self – contained townships adopting a vertical development model, decreasing the building footprint from 50% to 25% and increasing FSI from 1 to 1.3.</li> </ul>
7	Compact	Scenario 1	The city has sprawled with over 90% structures limited to G+2 configuration. The city is expanding rapidly (again low density sprawl development) along the transport corridors viz. Jalna – Jalgaon bypass and Beed bypass road.	The city intends to increase its FSI to 2.5 from the existing 2 (in the core area) and from 1 to 1.3 (in non-core areas), decreasing building footprint from 50% to 25% for vertical development. Transforming the city as slum free by creating affordable housing.	<ul style="list-style-type: none"> <li>Development of well planned and self-contained, tourism and skill development oriented mixed use townships with world class infrastructure.</li> </ul>

S. No.	Feature	Self-assessment	Baseline	Projection 'where city wants to be'	Input / Initiative
8	Public open spaces	Scenario 3	Aurangabad has a good number of open spaces spread across zones, and other recreational areas for residents, which help enhance its aesthetics and environmental quality.	To increase and improve the green open spaces quotient of the city. These open spaces will not only be the lung space but will leverage on the tourism, heritage and culture of the city through development of theme parks. Every neighbourhood to have green spaces which are within walkable distance.	<ul style="list-style-type: none"> <li>Green areas to be an eminent part of all developments.</li> <li>Neighbourhood garden/open spaces to be well connected with the footpaths and cycle tracks. Theme gardens may be developed on the important nodes of the city.</li> </ul>
9	Housing and Inclusiveness	Scenario 1	<ul style="list-style-type: none"> <li>There are around 250000 residential properties out of which 47375 dwelling units are in 53 notified slums and another about 60000 in Gunthewari's (unauthorised colonies).</li> <li>Under Ramai Awas Yojana, 1050 EWS houses (269 sq.ft.) are under construction.</li> </ul>	<ul style="list-style-type: none"> <li>'Slum free Aurangabad' is the city vision. Providing affordable housing schemes would achieve 100% housing for all in the next 10 year, with security of tenure.</li> <li>DPR for funding under PMAY is being prepared.</li> </ul>	<ul style="list-style-type: none"> <li>The city has initiated the scheme for slum redevelopment and has been able to complete the requisite surveys.</li> <li>Affordable housing to form an integral part of all new township developments.</li> </ul>
10	Transport	Scenario 1	Urban mobility in Aurangabad is heavily dependent on personalized mode of transportation which is largely two wheeler. Daily commuters rely heavily on 25000 auto-rickshaws which ply within the city. The average number of state run buses per lakh population is only 4 against the standards by MoUD which is 40.	Envisaging increase in varied transportation modes with strong pedestrian linkages. Increase share of public transport in the next ten years.	<ul style="list-style-type: none"> <li>The city intends to augment its public transport system through the use of clean fuel on a PPP basis. It also proposes to use web/IT-enabled smart solutions for accessibility and efficiency, and the introduction of intelligent parking and traffic systems to reduce travel time.</li> </ul>
11	Walkable	Scenario 1	The city is devoid of footpaths, foot over bridges, proper pedestrian crossings, etc. The large number of two and three wheelers makes traffic management difficult in the city.	The city aims to achieve world-class urban mobility in terms of walkability, so as to enhance the strengthening tourist attraction as well as reduce air pollution by encouraging people to use non-motorized means of commuting.	<ul style="list-style-type: none"> <li>The city has proposed an identified track of 25Km of stretch which would be made non-motorized for pedestrians and cyclists.</li> </ul>
12	IT Connectivity	Scenario 2	Most of the houses have computers, laptop and mobiles. The city is equipped with service providers like Bharti, Hathway, BSNL which have 388 mobile towers across the city. Detailed study to explore increasing efficiency	City visions to be technologically independent by improving ICT network. High speed optic fiber network to be laid down across the city using provision of Right of Way.	<ul style="list-style-type: none"> <li>Aurangabad Municipality Corporation is already set to transform the services to a high speed fiber optic across the city by laying it in underground system.</li> </ul>

S. No.	Feature	Self-assessment	Baseline	Projection 'where city wants to be'	Input / Initiative
			and reducing costs for IT connectivity is in progress.		<ul style="list-style-type: none"> <li>Initiatives are taken for analyzing the ICT network connection for the entire city.</li> </ul>
13	ICT- enabled Government system	Scenario 2	AMC website has Citizen Services Portal which supports property registration, on-line property tax payments, birth and death registration, AADHAAR card processing, hospital registration; Information on General Body Meetings, Standing Committee Meetings and Press Notes is available on website. E-Bulletins are uploaded every month etc.	Implement suite of e-governance solutions across all citizen centric services in becoming one of the top cities in terms of ease of doing business by installing one window system and reducing human interface.	<ul style="list-style-type: none"> <li>To integrate various portals to GIS and ICT enabled operations.</li> <li>AMC is in the process of appointing an IT consulting firm which will facilitate requisite Management Information System (MIS), single click information availability and analysis facilitated through integration of multiple dashboards.</li> </ul>
14	Energy Supply	Scenario 2	Aurangabad Division has 236650 domestic, 8244 industrial and 35207 commercial connections. The average load is 352 MW. Distribution losses have reduced from 41.85% in 2006-07 to 21.54% in 2014-15. User charges collection efficiency has improved from 68.2% in 2006-07 to 98.5% in 2014-15.	The city plans to provide uninterrupted electricity to its residents with the help of renewable and energy-efficient methods.	<ul style="list-style-type: none"> <li>Aurangabad is implementing an LED street light system, which is at the tendering stage.</li> <li>Detailed analysis for the adoption of a solar energy system has also been conducted. Going forward, the city also plans to adopt a green building methodology for energy conservation.</li> </ul>
15	Energy source	Scenario 2	Aurangabad is declared as "Solar City". Nine Govt. Buildings have been identified for installation of solar panels. Proposal for Rs. 7.29 crore sent to MNRE for approval.	The city plans to adopt renewable and efficient sources of energy as its primary supply in the future, and exploit its geographical location for this purpose.	<ul style="list-style-type: none"> <li>Large rooftops whether it is residential, commercial, institutional and public &amp; semi public to have solar panels to supplement the power requirement.</li> <li>To meet its 15-20% of energy needs by solar as a part of solar city of Maharashtra policy.</li> </ul>
16	Water supply	Scenario 1	24x7 water supply project with cost of Rs. 792.2 crore is being implemented on PPP.	100% metered piped water supply with NRW limited to 15%.	<ul style="list-style-type: none"> <li>24X7 water supply project is likely to be completed by August 2017. The current coverage under piped water supply is 46%. With 24x7 projects it will be 100%.</li> <li>NRW is 49% which is expected to come down to 15% on completion of 24x7 project.</li> </ul>

S. No.	Feature	Self-assessment	Baseline	Projection 'where city wants to be'	Input / Initiative
17	Water management	Scenario 1	Only 0.1% of the water connections in Aurangabad are metered.	The city intends to adopt water conservation techniques to improve its existing water levels.	<ul style="list-style-type: none"> <li>• AMC plans to implement rainwater harvesting in all government buildings.</li> <li>• Rain water harvesting to be compulsorily followed in all new developments.</li> </ul>
18	Waste water management	Scenario 2	60% of the municipal area is covered under sewerage network, which carries 88 MLD of waste water. Sewage treatment plant has the capacity to treat only 11.50 MLD of wastewater.	There are plans to formulate an efficient network for the collection of the majority of the waste water produced in Aurangabad, so that it can be treated and reused.	<ul style="list-style-type: none"> <li>• The city has initiated work to improve its existing sewerage lines, and has begun the construction of four sewage treatment plants with a cumulative capacity of 216 MLD. On completion, 90% of the waste water generated in Aurangabad will be treated and reused.</li> </ul>
19	Air quality	Scenario 2	Current pollution levels are within permissible limits. Sulphur Dioxide and Nitrogen Dioxide content in the air stands at 12 & 39 respectively. Respirable suspended particulate matter stand at 77.	With the encouraging NMT proposal, strengthening public transport system and designing green open spaces, the city aspires to bring the pollution levels of particulate matter and the poisonous gases to acceptable levels.	<ul style="list-style-type: none"> <li>• The city envisions for public transport systems which would be working on clean fuels like LPG, CNG etc., supplemented by e-rickshaws and walk to work concept.</li> <li>• Making provisions for NMT corridors in new developments.</li> </ul>
20	Energy efficiency	Scenario 2	Aurangabad realises the need for energy efficiency and has initiated certain steps in this regard. A private institution has introduced the solar energy system.	The city encourages renewable sources of energy particularly solar. The aim is to reduce the energy costs of the city to 60% from its current amount by implementing and introducing energy efficient mechanisms inclusive of their incentive structure in the policy.	<ul style="list-style-type: none"> <li>• Enforce and subsidies on GRIHA rated building design solutions which would decrease the energy consumption at city level.</li> <li>• The city intends to use smart street light systems with LED bulbs and partial solar power, along with renewable energy, in all government buildings. It is also exploring waste-to-energy projects that can address over 6 to 7 MW of power requirements.</li> </ul>
21	Underground wiring	Scenario 1	The city currently has 28.49 km of 33 kV wires and 90.11 km of 11 kV wires – all overhead.	Aurangabad visualizes a safe and seamless cityscape, thus the city provisions for all the services (wiring) underground in a phase	<ul style="list-style-type: none"> <li>• AMC has conducted a detailed study on the benefits of underground networks and will be implementing it for the</li> </ul>

S. No.	Feature	Self-assessment	Baseline	Projection 'where city wants to be'	Input / Initiative
				manner. This would lower the transmission and distribution loss of the grid and add to the aesthetics of the city.	upcoming LED street light system. The next phase will connect all government offices through this network.
22	Sanitation	Scenario 2	Around 60% of the households are connected to sewerage network, while 32% have septic tanks. Open defecation is however prevalent in some areas.	City plans to achieve 100% coverage under sewerage network by 2020 including 100% treatment of sewage and recycling and reuse of waste water.	<ul style="list-style-type: none"> <li>The city has already implemented sewerage system under UIDSSMT with 60% coverage. Coverage for rest of the area will be done under AMRUT for which proposal is being formulated.</li> </ul>
23	Waste management	Scenario 2	The city generates 570 MT of solid waste daily. Out of this about 50% is collected and disposed.	The city of Aurangabad plans in becoming a 'zero-discharge city' by leveraging on the already initiated plan of segregation and composting in its strengthening solid waste management.	<ul style="list-style-type: none"> <li>The city plans to improve its waste collection efficiency with radio-frequency identification tags and using web/IT-enabled systems to create awareness about waste segregation among citizens.</li> </ul>
24	Safety & Security	Scenario 2	Based on statistics of 2013, 8598 crimes have been reported in Aurangabad. The crime rate in the city is 232.3 in comparison the National crime rate is 218.67 in 2013.	Aurangabad intends to position itself as one of the best urban destinations, thus attracting investments from the industry and tourism sectors. In this regard, one of the key requirements would be to become a safe city in every respect in the next five years.	<ul style="list-style-type: none"> <li>Safe City Project is under implementation.</li> <li>Phase 1 comprising of installation of 100 CCTV camera's with project cost of Rs 2 crore has been completed.</li> <li>Phase 2 with project cost of Rs. 15.5 crore involving implementation of the tracking system will be completed by end 2016.</li> </ul>





**Smart City**  
MISSION TRANSFORM-NATION

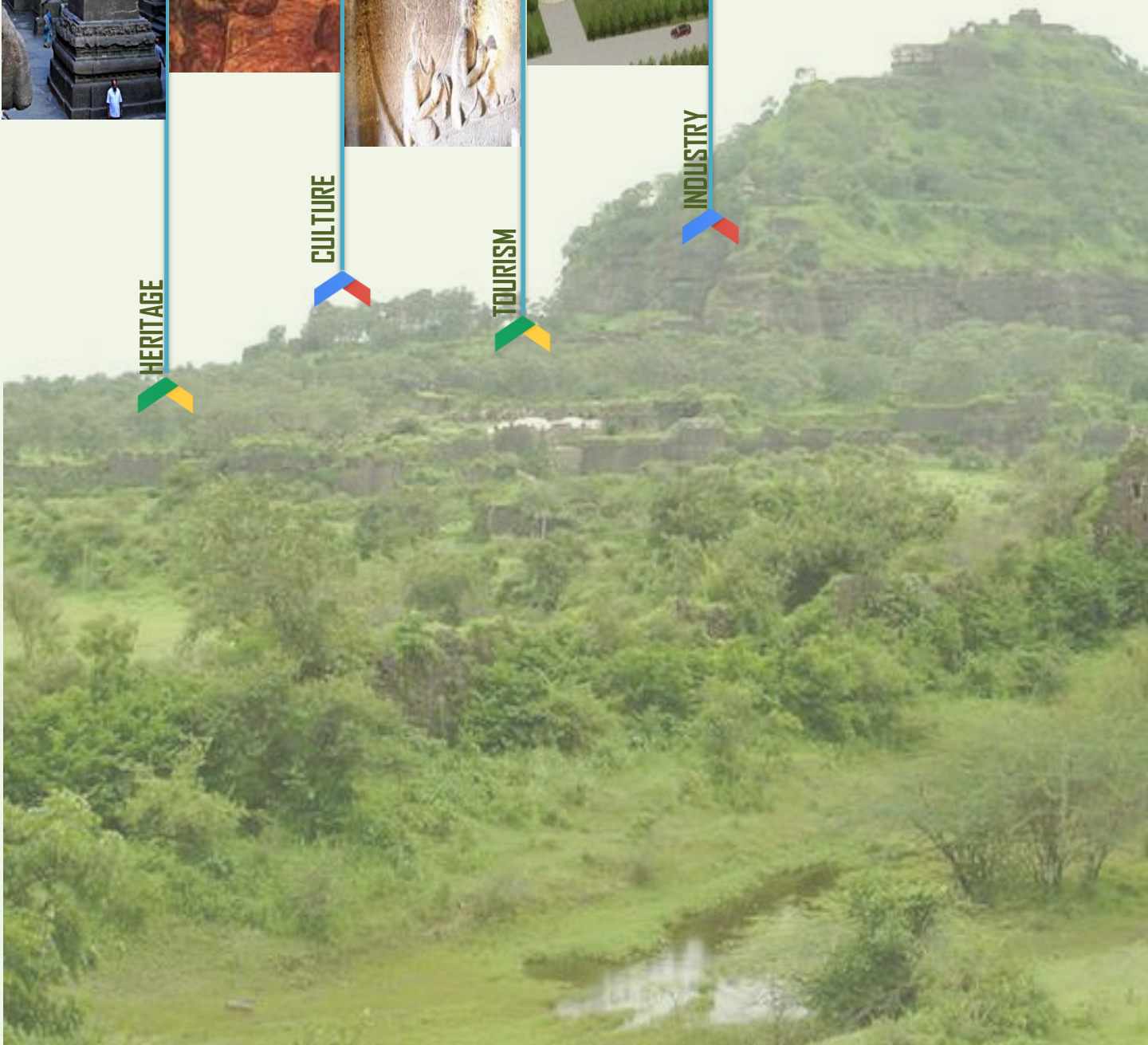


HERITAGE

CULTURE

TOURISM

INDUSTRY



**AURANGABAD MUNICIPAL CORPORATION, AURANGABAD**

# ANNEXURE 3 LIST OF EXHIBITS

## SMART CITY PROPOSAL- AURANGABAD



**ANNEXURE 3**

Twenty sheets ( A-4 and A-3) of annexures, including  
annexures mentioned in questions 32, 34, 36

S. No	Particulars	✓
1		
2		
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**TITLE :  
REGIONAL & CITY CONTEXT**

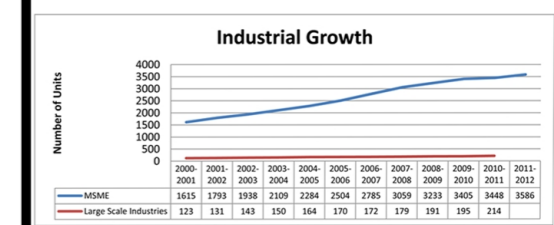
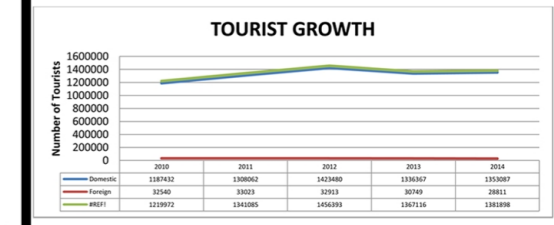
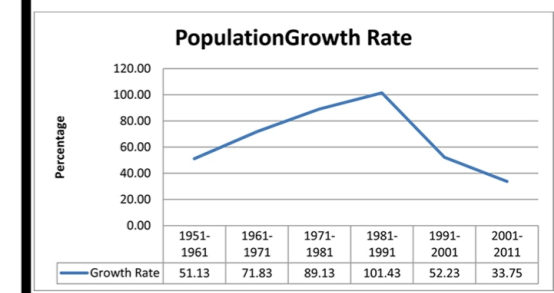
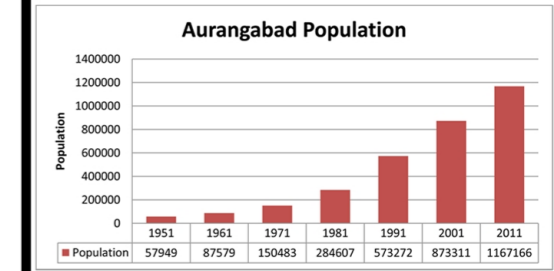
Aurangabad is 'Tourism Capital of Maharashtra' situated in Marathwada Region. Also known as the City of Gates, city has 52 gates built during Mughal era and 2 ASI protected monuments (Bibi ka Maqbara and Aurangabad caves) within city limits. In close proximity to World Heritage Sites of Ajanta and Ellora caves attracting over 1.7 millions domestic and over 50000 foreign tourist.

**Connectivity:**

- \* Well connected with Air, Rail and Road with major cities of Maharashtra and India
- \* Nagpur-Aurangabad-Mumbai Expressway under implementation..

**Economic Base:**

- \* Largest industrial District in Maharashtra, with 5 MIDC's Industrial Estates, 2 Growth Centres and 3 Private IT Parks providing employment to over 1.5 lakh workers.
- \* Preferred base for sector like automotives, appliances, breweries and pharmaceuticals. One of the three Auto Clusters.
- \* The first phase of Shendra - Bidkin, a DMICDC node under implementation.



**PROJECT NAME:**  
AURANGABAD SMART CITY

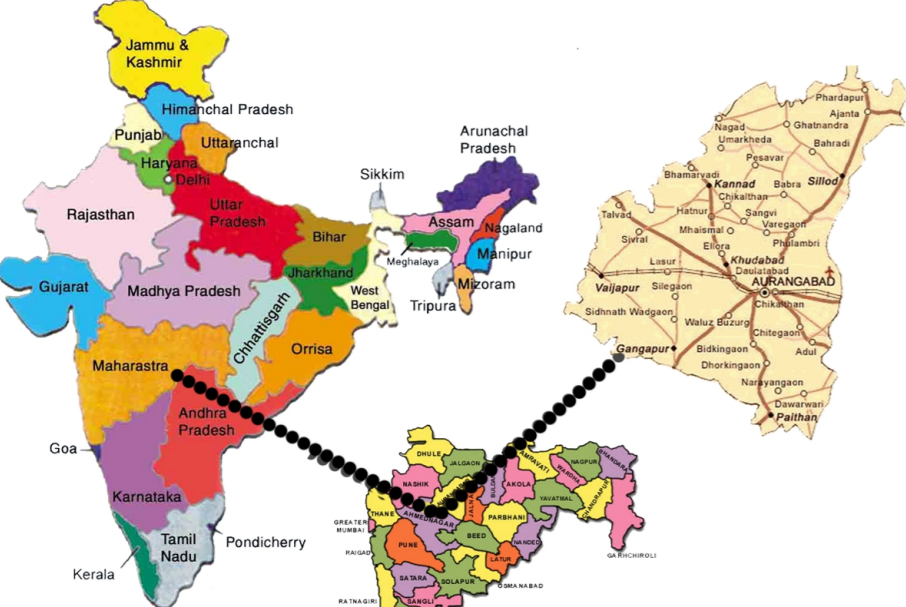
**CLIENT NAME :**  
AURANGABAD MUNICIPAL CORPORATION

**INITIATIVE :**  
MINISTRY OF URBAN DEVELOPMENT, GOI

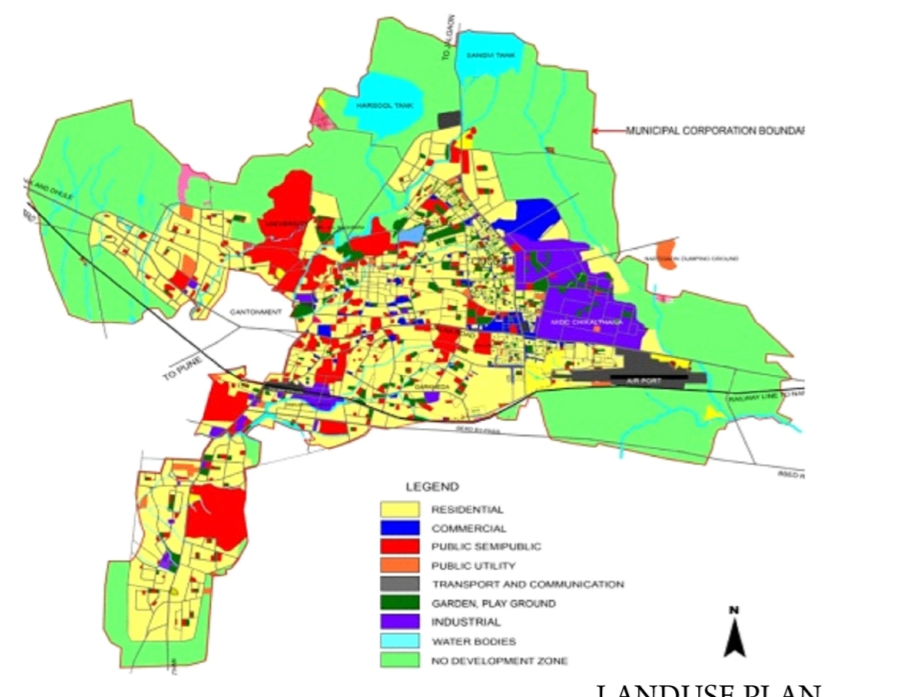
**SUBMITTED BY :**  
AURANGABAD MUNICIPAL CORPORATION

**DATE :**  
23 / 06 / 2016

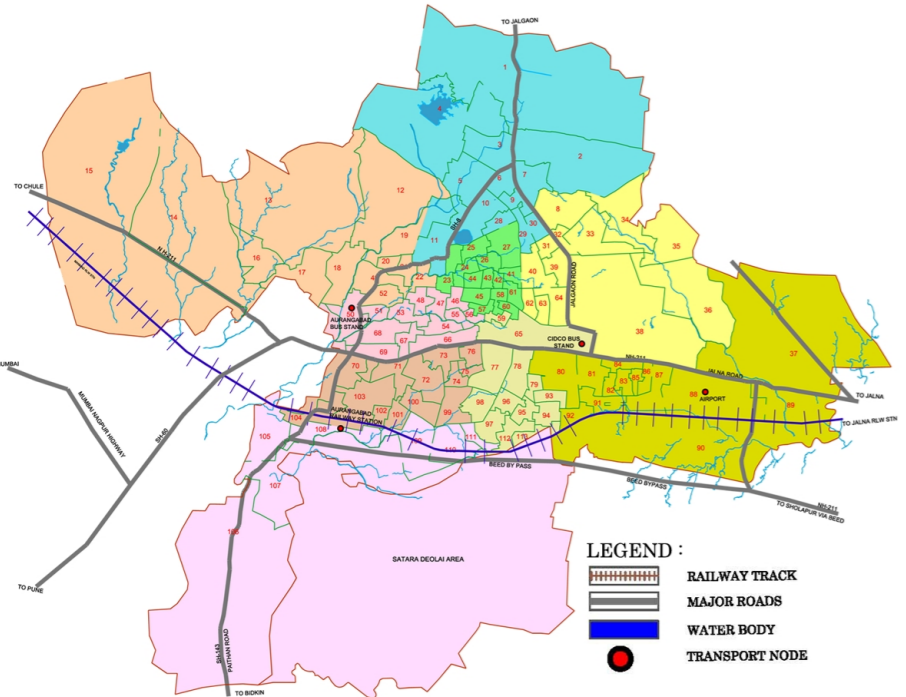
Exhibit 1



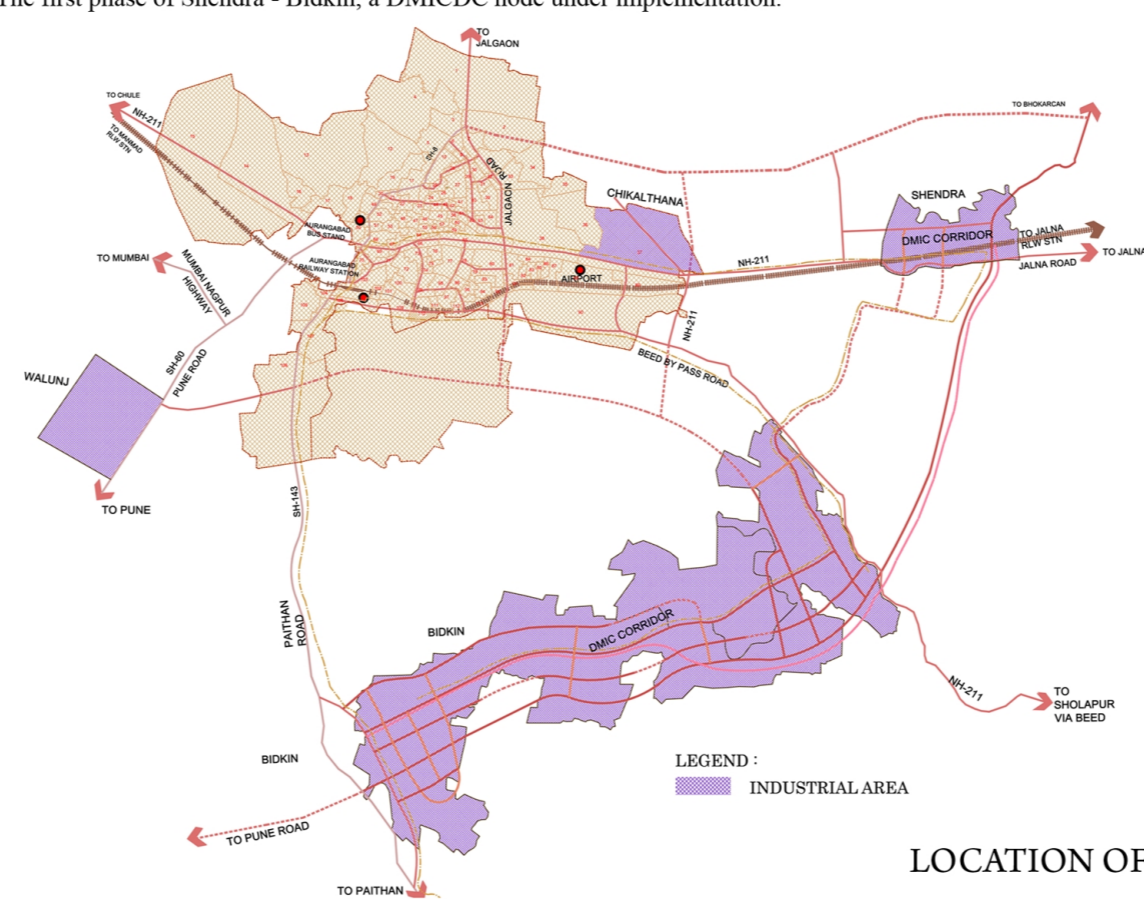
LOCATION MAP



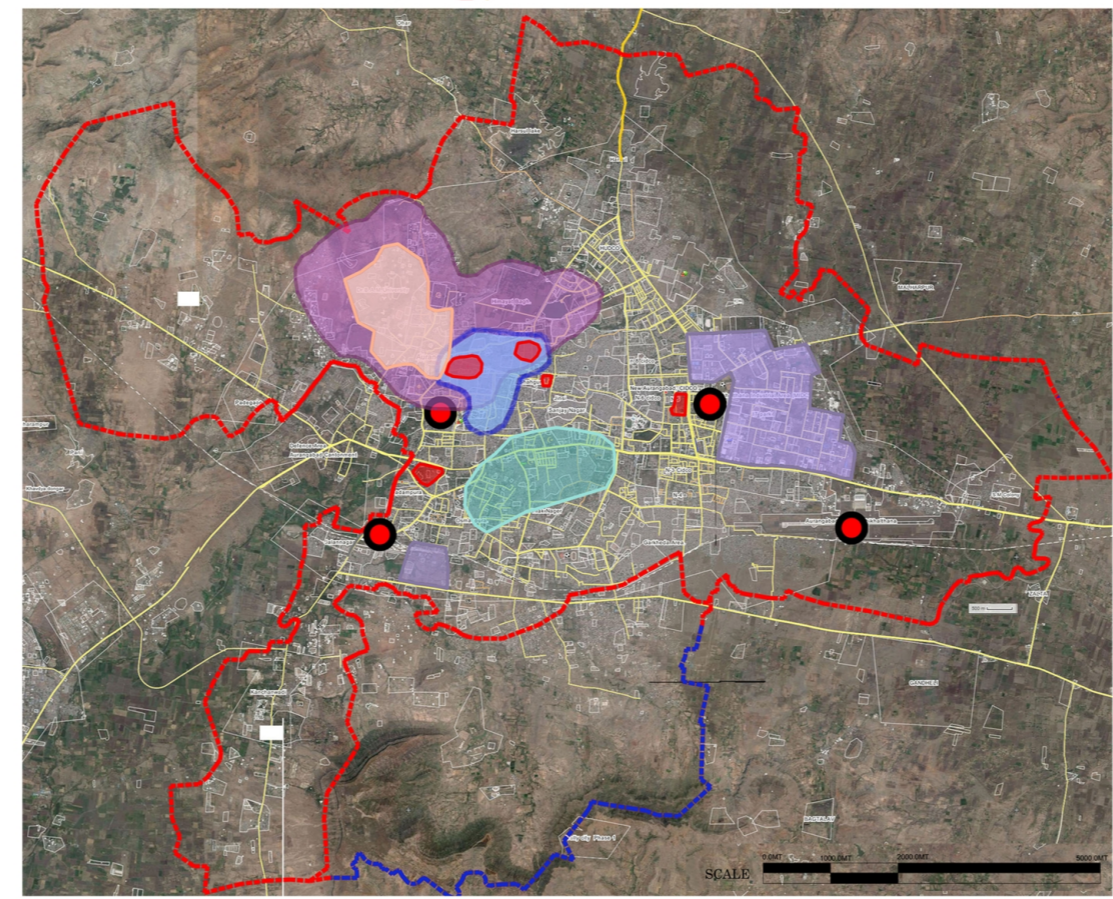
LANDUSE PLAN



INFRASTRUCTURE MAP



LOCATION OF INDUSTRIAL ESTATE



ACTIVITY MAP



**PUBLIC CONSULTATION - AURANGABAD**



399500 Bulk SMS messages sent, 12000+ Suggestions received on WhatsApp



168 Comments / Posts on www.mygov.in



5450 Offline Suggestions & 4850 Votes



25,000 Bulk Mails sent to Citizens of Aurangabad smartaurangabadcity@gmail.com



3080+ Playbacks on 90.4 FM Radio



300+ Articles in 8+ Regional Newspapers



112121 FB posts out reach 3016 likes on FB Page www.facebook.com/Aurangabadsmartcity



250+ Votes through Web Polling



Smart City Van roaming over 99 Wards for a Month



44 Twitter followers www.twitter.com/aurangabadsmart



Essay Writing (99 Entries) & Photography (69 Entries)



167 Smart City Video Viewers on Youtube



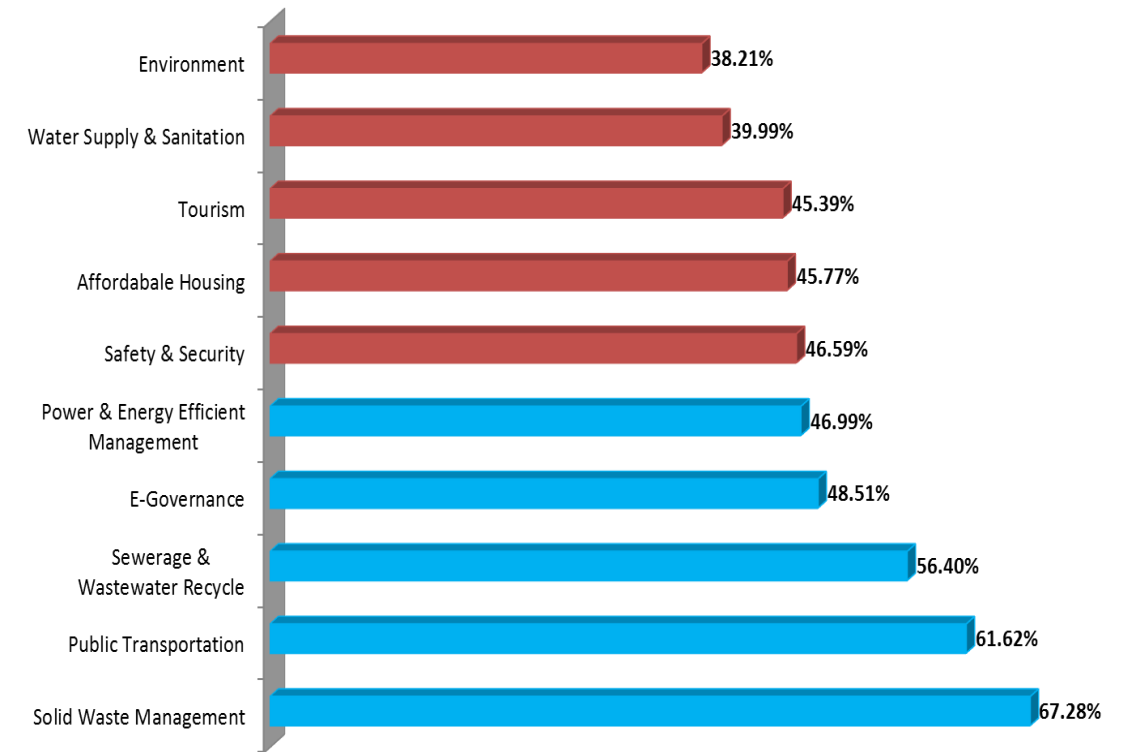
135000 Citizen Feedback Survey received



700+ Feedbacks on www.aurangabadsmartcity.co.in



40+ Drop-Boxes placed across the City for Citizens' suggestions



3+ Consultations for Media Groups



5+ Round Table Conferences for Focused Groups & Sector Experts



Ward wise Consultation attended by 20000 citizens



2 Workshops for Public Representatives & AMC Staff



Women Welfare Group Consultations



Consultation 12+ in Colleges attended by 3600+ Students






**औरंगाबाद महानगरपालिका, औरंगाबाद**  
**औरंगाबाद नागरीक बंधू-भगिनी..**  
**स्मार्ट सिटी संकल्पनेत सहभागी व्हा..**

औरंगाबाद महानगर पालिकेच्या क्षेत्रातील सर्व नागरिकांना निवेदन करण्यात येते की, औरंगाबाद शहराची केंद्रशासन पुरवठूत स्मार्ट सिटी योजनेत निवड झाली आहे. यासाठी स्मार्ट सिटी प्रस्ताव (Smart City Proposal) तयार करण्याचे काम सुरू झाले आहे. नागरी मुलभूत सोईसुविधा हा योजनेचा पाया असून आपल्या सुचना आणि संकल्पना यांचा समावेश या प्रकल्प आराखड्यात होईल.

स्मार्ट सिटी प्रस्ताव तयार करण्यासाठी Knight Frank (India) Pvt.Ltd. Fortress Infrastructure Advisory Services आणि PSP Financial Consultants Pvt.Ltd यांची नियुक्ती महानगर पालिकेने घेतली आहे या अनुषंगाने औरंगाबाद शहरबासियांना नम्र निवेदन आहे की, औरंगाबाद शहराला स्मार्ट सिटी म्हणून विकसित करण्यासाठी आपल्या सुचना संकल्पना, प्रस्ताव, आदी लिखित स्वरूपात द्यावे. आपल्या लेखी सुचनांसाठी शहरात छातीन मनुद केलेल्या टिकाणी ड्रॉप बॉक्सची सुविधा उपलब्ध करून देण्यात आली आहे

१. महानगरपालिका मुख्यालय - महापौर दालन  
 आयुक्त दालन  
 शहर अभियंता दालन  
 कार्यकारी अभियंता (इ/फ)  
 प्रवेशद्वार - सुरक्षा विभाग

२. वार्ड कार्यालये -  
 वार्ड अ - टाऊनहॉल  
 वार्ड ब - सिडको कार्यालयाजवळ  
 वार्ड क - जुना मोंडा  
 वार्ड ड - ज्ञांतीचीक, शासकीय दुधदेअरी समोर  
 वार्ड इ - सिडको कार्यालयाजवळ  
 वार्ड फ - जवाहरनगर पो.स्टे.जवळ उल्कानगरी गारखेडा परीसर

३. महापौर निवासस्थान प्रवेशद्वार रेल्वेस्टेशन रस्ता  
 ४. संत एकनाथ राममंदिर - उस्मानपुरा  
 ५. संत तुकाराम नाट्यग्रह - सिडको कार्यालयाजवळ  
 ६. पाण्याची टाकी (ESR) - एन - ७ सिडको  
 ७. पाण्याची टाकी (ESR) - कोटला कॉलनी  
 ८. पाण्याची टाकी (ESR) - हरसिध्दी कॉलनी, मयुरपार्क  
 ९. छत्रपती शिवाजी महाराज पुराणवस्तु संग्रहालय - रंगीन दरवाजाजवळ  
 १०. डॉ. बाबासाहेब अंबेडकर मराठवाडा विद्यापीठाची मुख्य प्रशासकीय इमारत विद्यापीठ परिसर  
 ११. मुख्य अग्निशमन कार्यालय - बन्सीलालनगर  
 १२. प्रोमोन मॉल, चिकलठाणा औद्योगिक बसाहतीजवळ  
 १३. सिध्दार्थ उद्यान प्रवेशद्वार

इत्यादी टिकाणी ड्रॉप बॉक्स उपलब्ध करून देण्यात आलेले आहेत या ड्रॉप बॉक्सच्या टिकाणी कोरे फॉर्म उपलब्ध करून देण्यात आले असून हे कोरे फॉर्म पूर्णपणे भरून या ड्रॉप बॉक्समध्ये टाकावेत ही विनंती.

याशिवाय नागरिक स्मार्ट सिटी संदर्भातील आपले विचार / मत / संकल्पना छालील माध्यमावरही नोंदवू शकतात.

www.mygov.in  
 www.aurangabadsmartcity.co.in  
 smartaurangabadcity@gmail.com  
 www.facebook.com/aurangabadsmartcity  
 www.twitter.com/aurangabadsmart  
 whatsapp +91-95 27 666 555

आपले औरंगाबाद शहर भविष्यात स्मार्ट सिटी म्हणून ओळखले जाईल त्यास्तब आपल्या मनातील स्मार्ट सिटीची संकल्पना कशी आहे याला फार महत्त्व आहे. त्यासाठी आपले मत म्हणजेच आपला आवाज आहे म्हणून या अभियानात सहभागी व्हा आणि आपल्या शहराला स्मार्ट करण्यात आपला वाटा उचला आणि आपल्या संकल्पना मांडा ही विनंती.

मा. महापौर                      मा.उप महापौर                      मा. सभापती, स्थायी समिती  
 मा.सभागृह नेता                      मा.विरोधी पक्ष नेता

**औरंगाबाद महानगरपालिका, औरंगाबाद**

**'स्मार्ट सिटी' नागरिकांपर्यंत पोहोचवण्यासाठी केलेले प्रयत्न**

इफिशिएन्सी      क्वालिटी ऑफ लाइफ      आउटरिच

प्रायव्हेट सेक्टर पार्टिसिपेशन      डॉल्यू ऑफ मनी

आयसीटी फोकस      टाइम हरिझॉन

इन्व्हीमेंटल बेनिफिट्स      मिलिकेव्हिलटी अँगड सोशल इन्क्लूडिव्हनेस      इंड्र ऑफ इन्व्हीमेंटेशन

सूचना दिलेल्या नागरिकांची संख्या      ग्राम झालेले एसएमएस      फेसबुकच्या माध्यमातून पोहोच      १६८      २५०००      १,२९,०००

निबंध स्पर्धा      विद्यार्थ्यांसोबत      फेसबुक पेजला      १००      ६      ३०००

स्पर्धकांचा सहभाग      कॉलेजमध्ये संवाद      लाईव्ह      १०००      ३०००

वॉर्ड कार्यालयांमध्ये नगरसेवक, अधिकार्यांसाठी दोन बॅकशांचा      उद्योगिक संस्थांना, व्यावसायिक संस्थांसाठीही कार्यालयांचा

G.S.Mandal's MIT Aurangabad

CHAMBERS OF MSBATHINDIA INDUSTRIES & AGRICULTURE

औरंगाबाद महानगरपालिका

Knigh Frank

FORTRESS

**Round-Table Meeting on Aurangabad Smart City Mission**  
**On 26<sup>th</sup> October 2015**














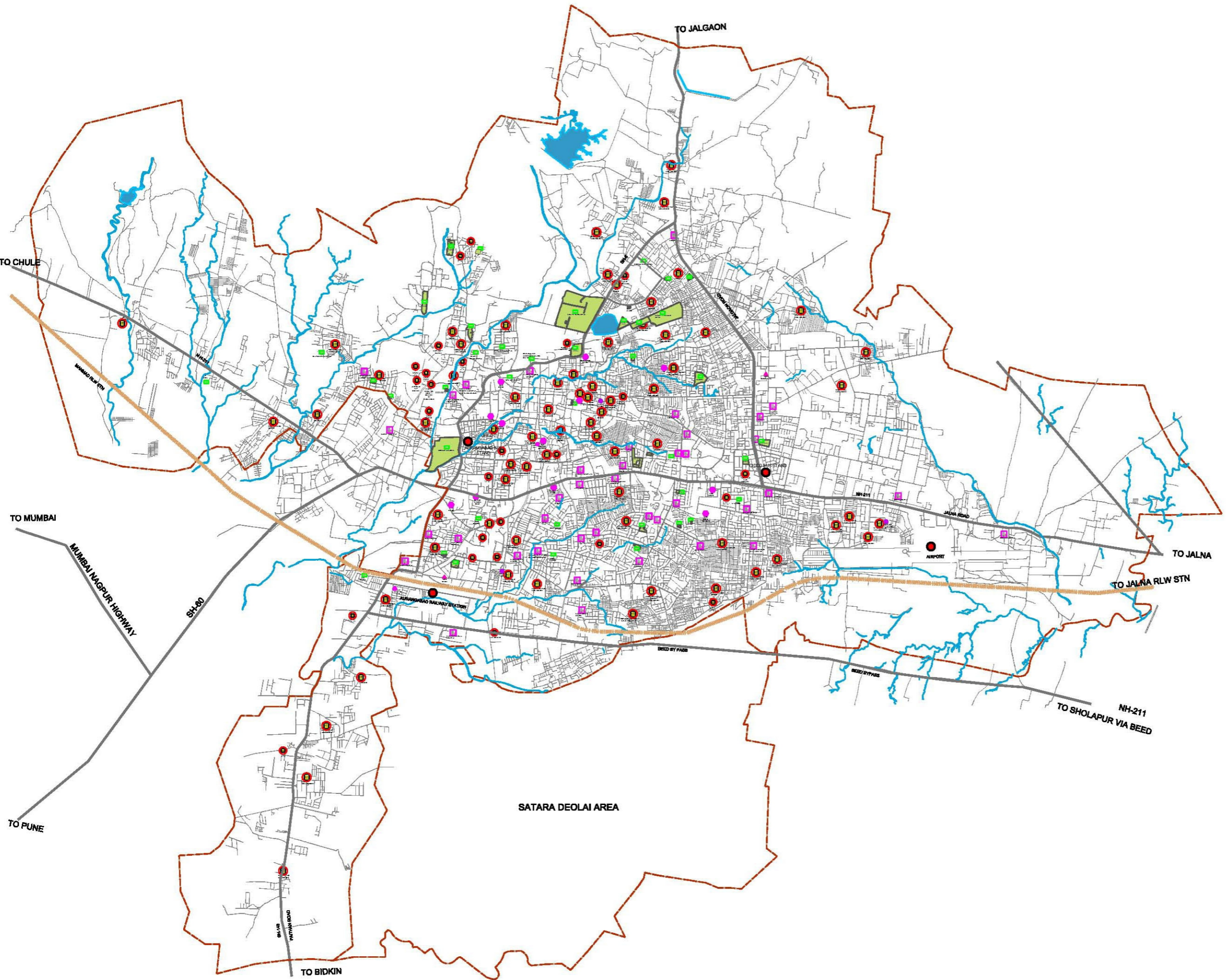






TITLE: **BASE MAP - SOCIAL INFRASTRUCTURE**

- LEGEND**
-  A.M.C. BOUNDARY
  -  RAILWAY TRACK
  -  MAJOR ROADS
  -  WATER BODY
  -  TRANSPORT NODE
  -  SCHOOL & COLLEGE
  -  GARDEN
  -  HOSPITAL
  -  PUBLIC BUILDING
  -  INDUSTRIAL MIDC
  -  MSEB OFFICE



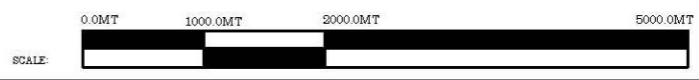
PROJECT NAME:  
AURANGABAD SMART CITY

CLIENT NAME:  
AURANGABAD MUNICIPAL CORPORATION

INITIATIVE:  
MINISTRY OF URBAN DEVELOPMENT, GOI








SUBMITTED BY:  
AURANGABAD MUNICIPAL CORPORATION

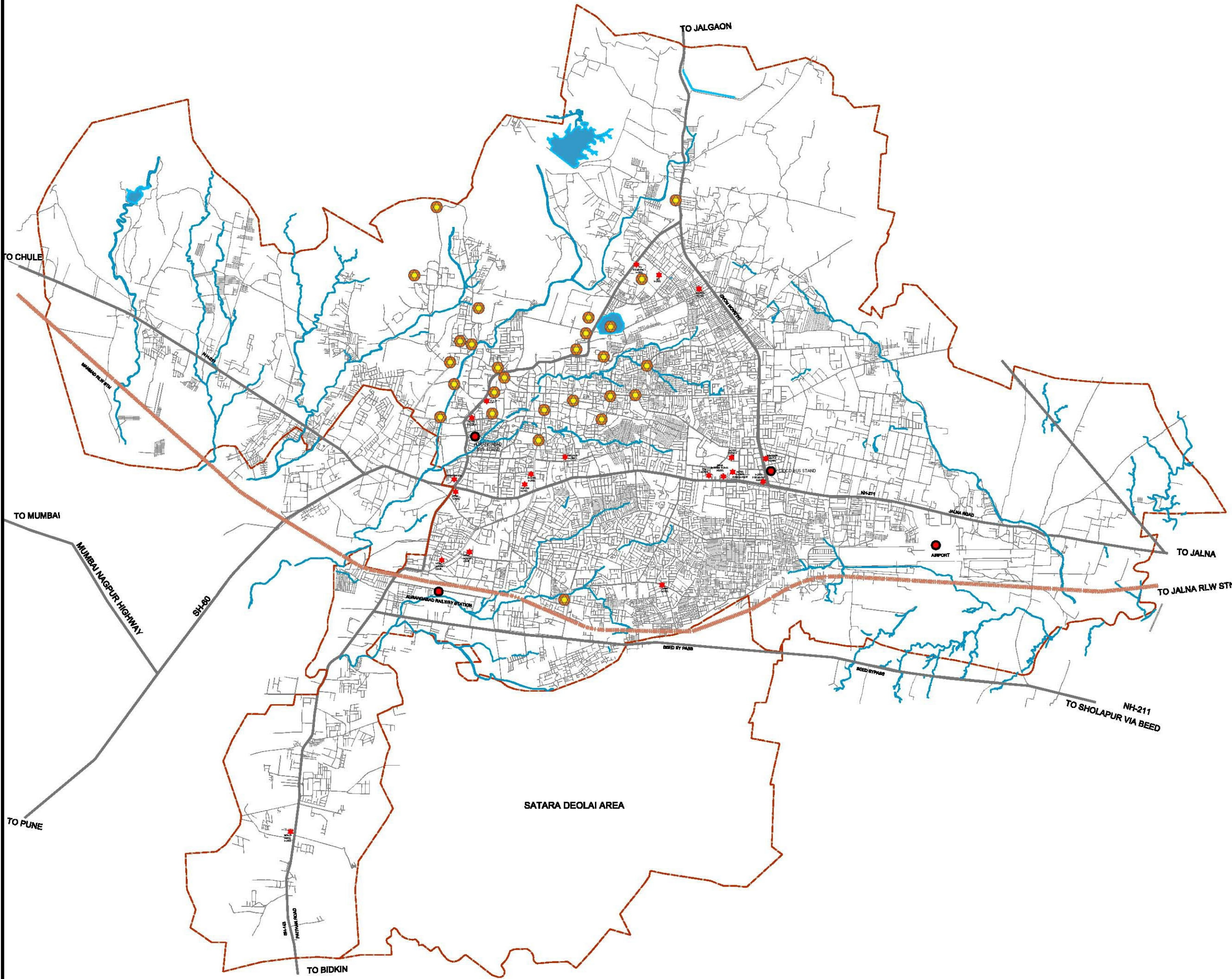
DATE:  
23 / 06 / 2016





TITLE: **BASE MAP-  
TOURISM**

- LEGEND**
-  A.M.C. BOUNDARY
  -  RAILWAY TRACK
  -  MAJOR ROADS
  -  WATER BODY
  -  TRANSPORT NODE
  -  HOTEL
  -  HERITAGE



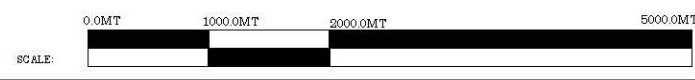
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AURANGABAD SMART CITY

CLIENT NAME:  
AURANGABAD MUNICIPAL CORPORATION

INITIATIVE:  
MINISTRY OF URBAN DEVELOPMENT, GOI

SUBMITTED BY:  
AURANGABAD MUNICIPAL CORPORATION

DATE:  
23 / 06 / 2016













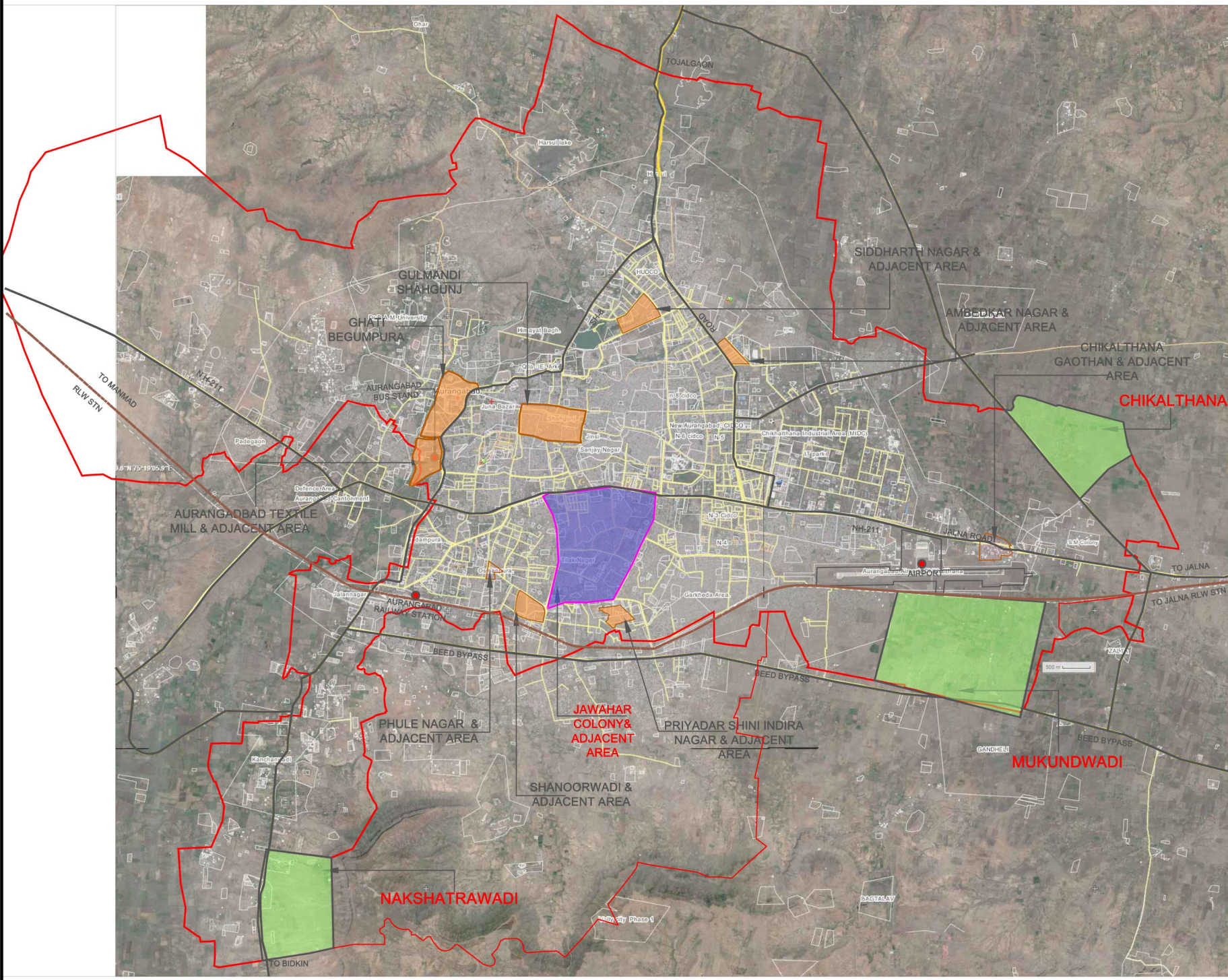


TITLE:  
**MAP SHOWING SITES IDENTIFIED FOR REDEVELOPMENT, RETROFITTING & GREEN FIELD DEVELOPMENT IN & AROUND AMC AREA**

**LEGENDS**

-  A.M.C. BOUNDARY
-  RAILWAY TRACK
-  MAJOR ROADS
-  PROPOSED AREA FOR REDEVELOPMENT
-  PROPOSED AREA FOR RETROFITTING
-  PROPOSED AREA FOR GREEN FIELD

Type of Development	Location	Area In acre
Retrofitting	Jawahar Nagar and adjacent Area	720
	Gulmandi - Shahgunj (Market)	150
	Ambekar Nagar (plums)	27
Redevelopment	Chhat - Begumpura and adjacent area	140
	Shanorwadi - Phule nagar	48
	Siddharth nagar	81
	Priyadarshini Indira nagar	30
	Chikalthana Gaonhan (plums)	50
	Aurangabad Textile Mill Land	91
Green field development	Nakshatrawadi	555
	Chikalthana Area	218



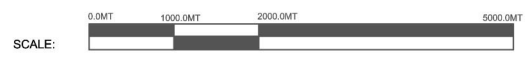
PROJECT NAME  
**AURANGABAD SMART CITY**

CLIENT NAME  
**AURANGABAD MUNICIPAL CORPORATION**

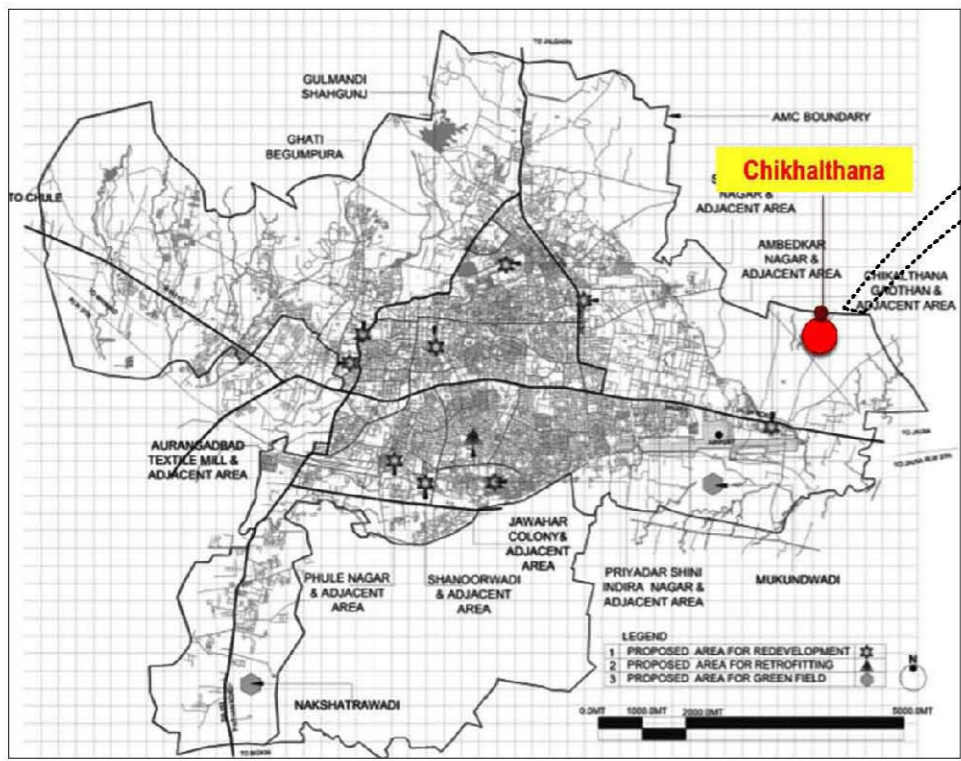
INITIATIVE  
**MINISTRY OF URBAN DEVELOPMENT, GOI**

SUBMITTED BY:  
**A.M.C.**

DATE  
**23 / 06 / 2016**

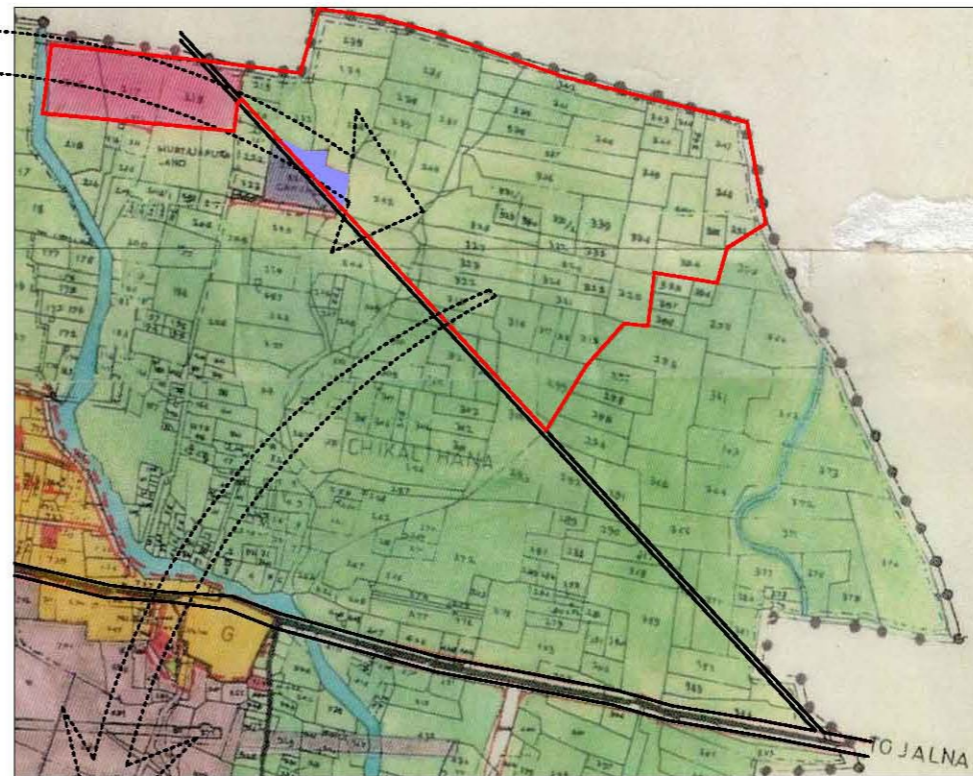






DP PLAN OF SELECTED AREA

SITE PHOTOS



DP PLAN OF SELECTED AREA

TITLE: PROPOSED LANDUSE PLAN (AREA BASED PROPOSAL - Chikhalthana)

LEGENDS OF EXISTING LANDUSE MAP

- PUBLIC
- INDUSTRIAL
- GREEN ZONE

LEGENDS OF PROPOSED LANDUSE MAP

- PUBLIC
- PUBLIC (GOVT.)
- RESIDENTIAL
- COMMERCIAL
- GREEN ZONE
- RESIDENTIAL FOR OWNERS
- TRANSPORT

LAND DETAILS	AREA (Ha)
Total Land	233.00
Government Land	50.00
Private Land	183.00
Total Developed Land	151.50
Land given to stakeholders under land pooling	73.20
Land retained by SPV	78.30

FAR DISTRIBUTION		
<b>Global FSI</b>		<b>1.33</b>
Residential	SPV	2.52
	Land Owner	2.00
Commercial (SPV)		2.40
Social & Amenities (SPV)		0.45
Open and Green space		0.04
Transportation		0.03

Project Mix				
Components	Configuration	Land Allocation		
		%	Ha	Acre
Residential Development	51.05%	118.95	293.8	
Commercial & Tourism	5.25%	12.23	30.2	
Social Development	8.70%	20.27	50.1	
Open Space	Tourism & Recreational	4.29%	10.00	24.7
	Green	11.71%	27.28	67.4
Transport & Communication	19%	44.27	109.3	
<b>Total</b>	<b>100%</b>	<b>233.00</b>	<b>575.5</b>	

N

PROJECT NAME: AURANGABAD SMART CITY

CLIENT NAME: AURANGABAD MUNICIPAL CORPORATION

INITIATIVE: MINISTRY OF URBAN DEVELOPMENT, GOI




SUBMITTED BY: AURANGABAD MUNICIPAL CORPORATION

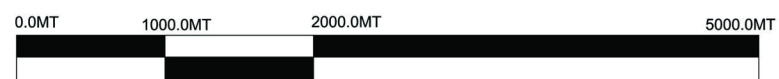
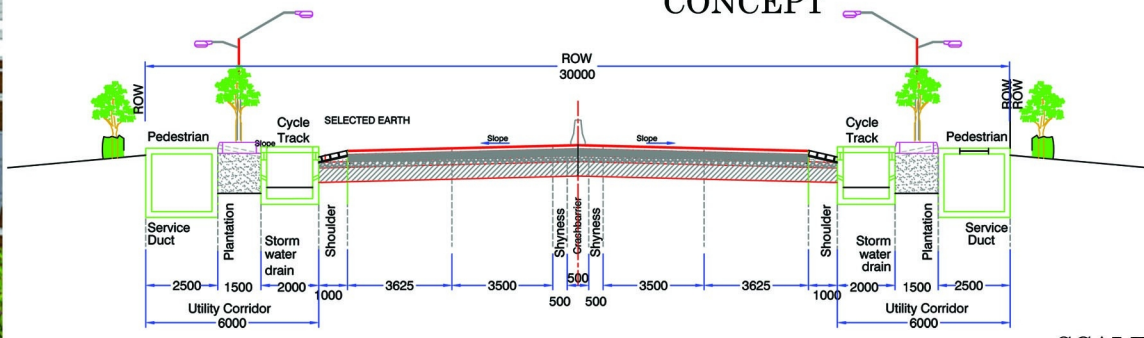
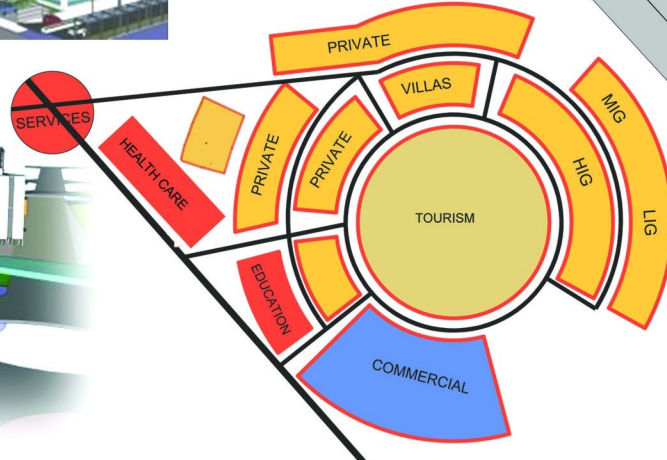
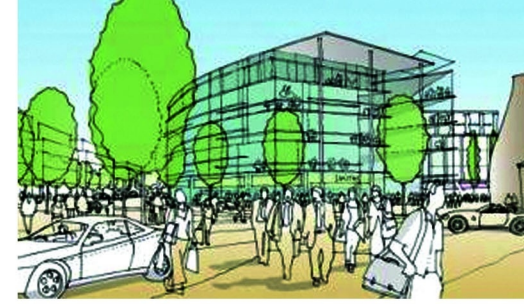
DATE: 23 / 06 / 2016 Exhibit 10



**TITLE :**  
**MASTER PLAN**

- LENGENDS**
1. RESIDENTIAL DEVELOPEMENT BY SPV
  2. RESIDENTIAL LAND TO STAKEHOLDER
  3. CITY LEVEL GREEN / PLAY GROUND
  4. RECREATION- AMUSEMENT PARK, PLAYGROND
  5. COMMERCIAL CUM HOSPITALITY HUB
  6. TRANSPORT HUB
  7. SKILL DEVELOPEMENT & SOCIAL INFRASTRUCTURE HUB
  8. UTILITIES & AMENITES

-  CCTV CAMERA
-  WIFI
-  CYCLE TRACK & PEDSTRIAN ZONE



**PROJECT NAME :**  
**AURANGABAD SMART CITY**

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**AURANGABAD MUNICIPAL CORPORATION**

**INITIATIVE :**  
**MINISTRY OF URBAN DEVELOPEMENT, GOI**

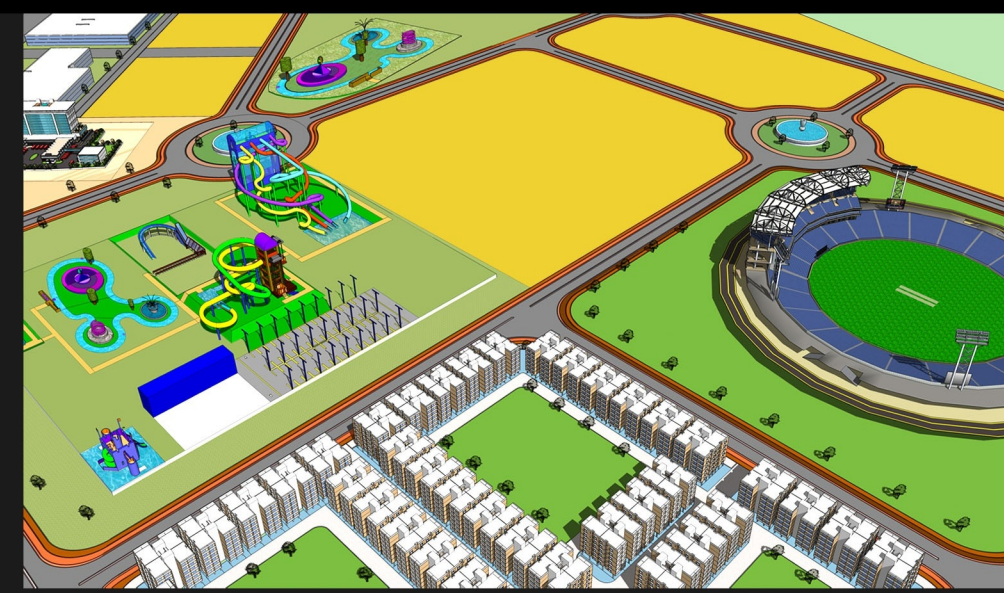
**SUBMITTED BY :**  
**AURANGABAD MUNICIPAL CORPORATION**

**DATE :**  
**23 / 06 / 2016**

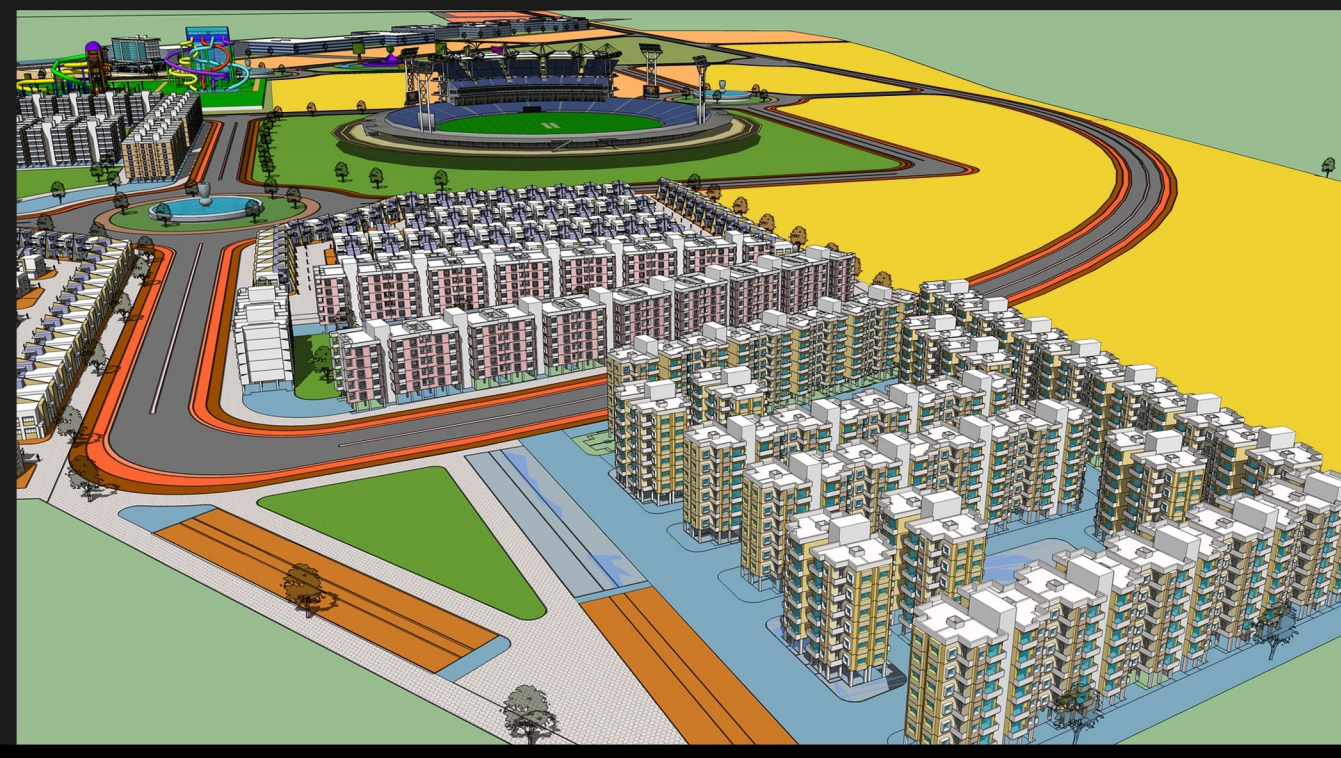
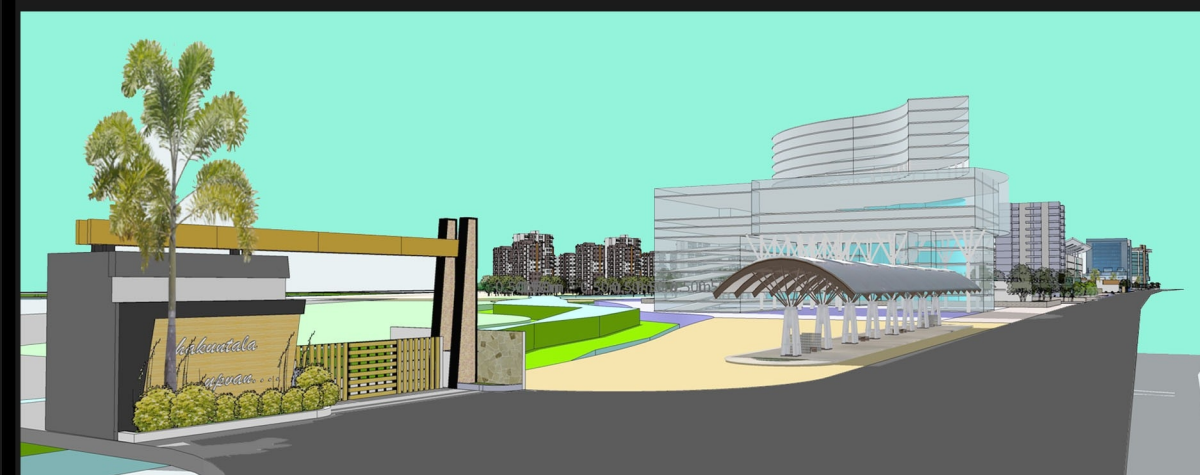
Exhibit 11



TITLE :  
**PROPOSED VIEWS FOR  
 AREA BASED PROPOSAL**



**SITE VIEW**



PROJECT NAME:  
**AURANGABAD SMART CITY**

CLIENT NAME :  
**AURANGABAD MUNICIPAL  
 CORPORATION**








INITIATIVE :  
**MINISTRY OF URBAN  
 DEVELOPMENT, GOI**

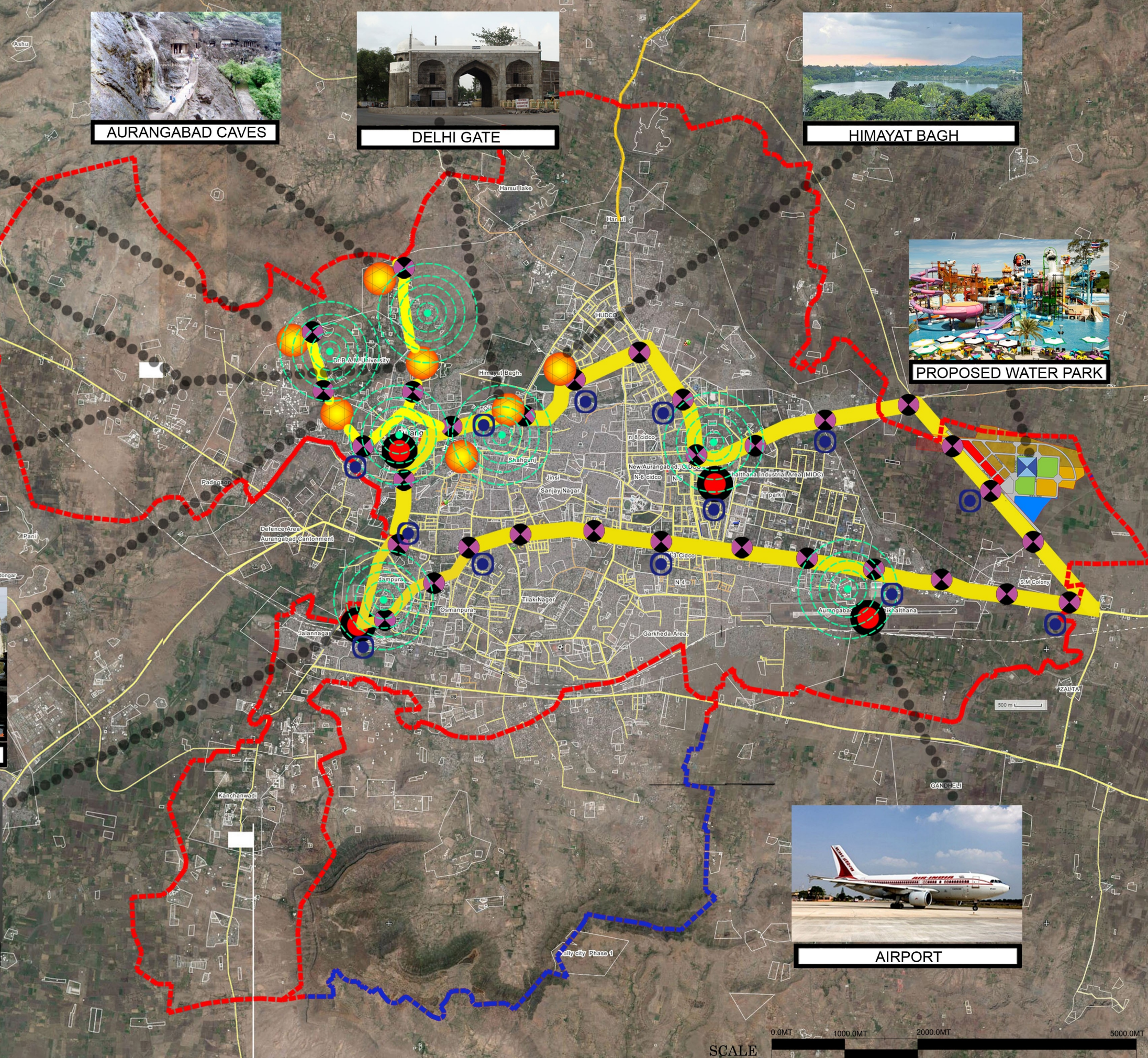
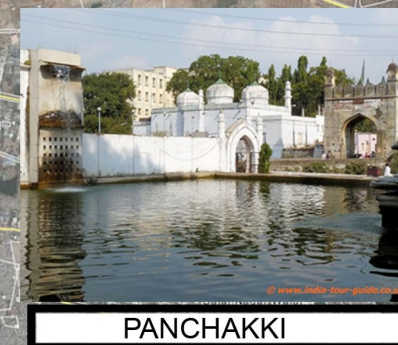
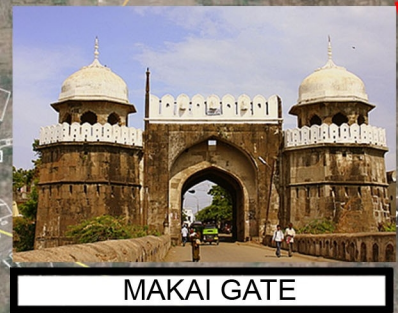
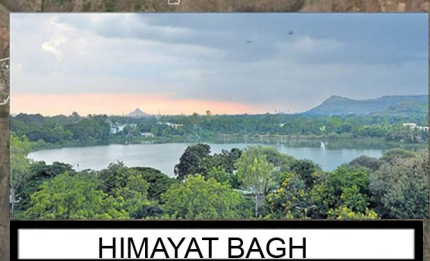
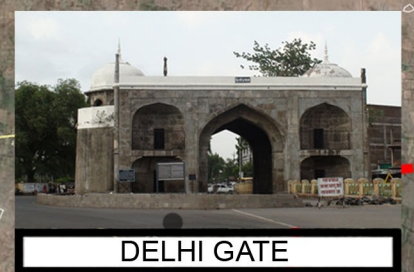
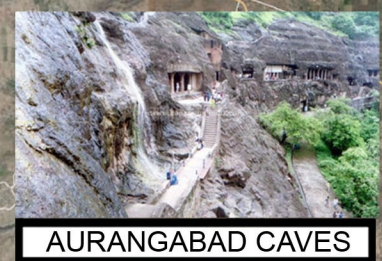
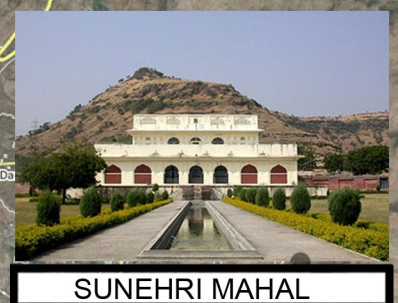
SUBMITTED BY :  
**AURANGABAD MUNICIPAL  
 CORPORATION**

DATE :  
**23 / 06 / 2016**



**TITLE :**  
**TOURISM ORIENTED**  
**TRANSPORTATION PLAN**

- LENGENDS**
-  AMC BOUNDARY
  -  BUS STOP
  -  WIFI
  -  TOURIST PLACE
  -  CCTV CAMERA
  -  TOURIST CORRIDOR
  -  TRANSPORT NODE



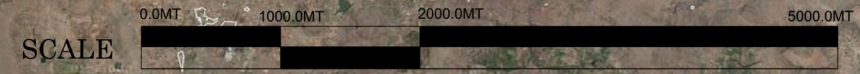
**PROJECT NAME:**  
**AURANGABAD SMART CITY**

**CLIENT NAME :**  
**AURANGABAD MUNICIPAL CORPORATION**

**INITIATIVE :**  
**MINISTRY OF URBAN DEVELOPMENT, GOI**



**SUBMITTED BY :**  
**AURANGABAD MUNICIPAL CORPORATION**

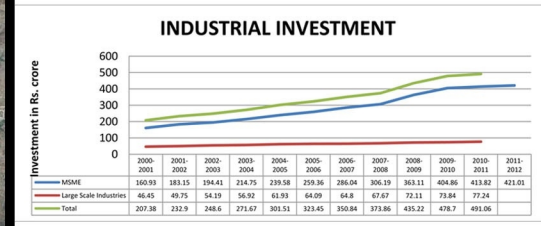
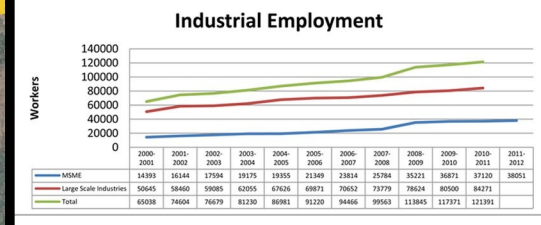
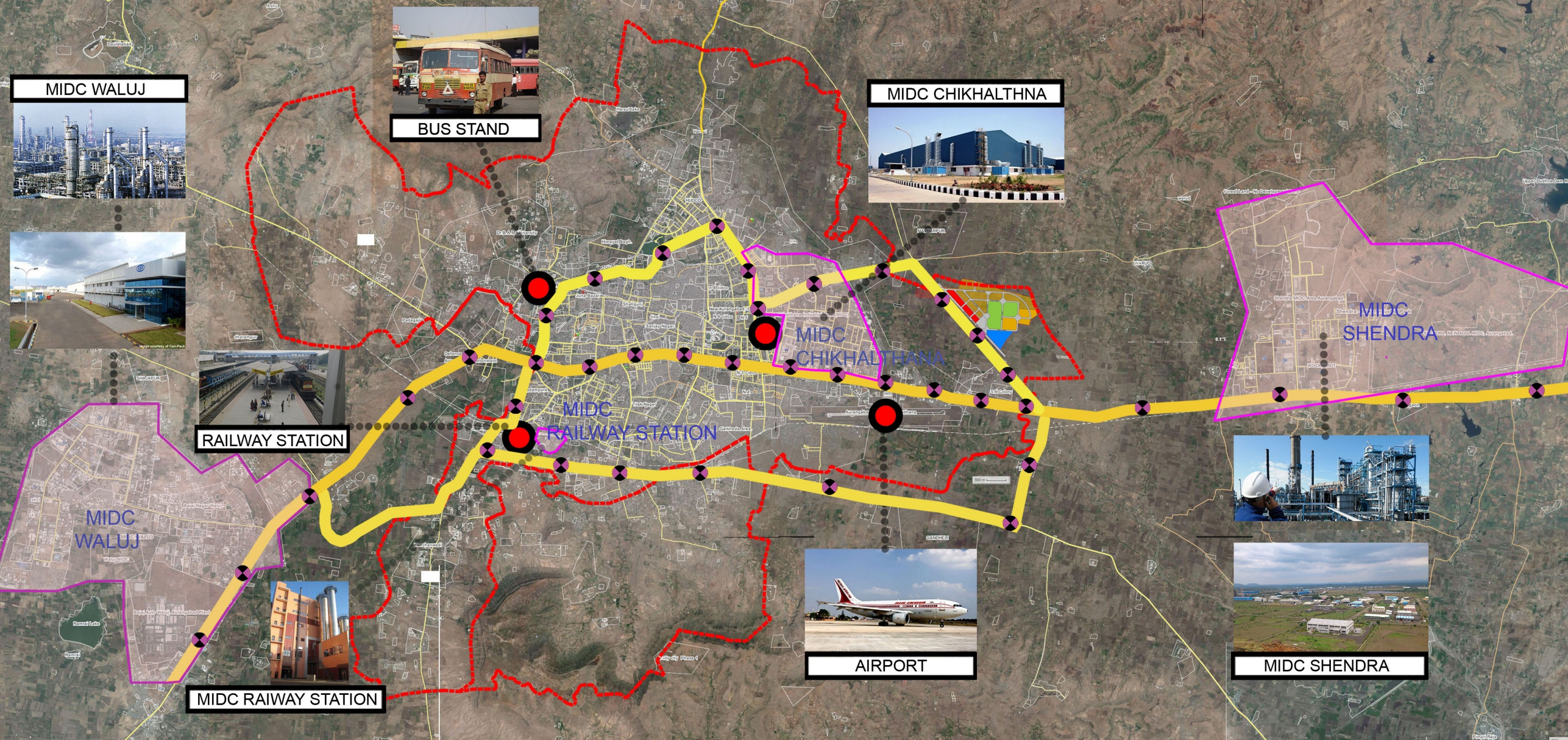
**DATE :**  
**23 / 06 / 2016**



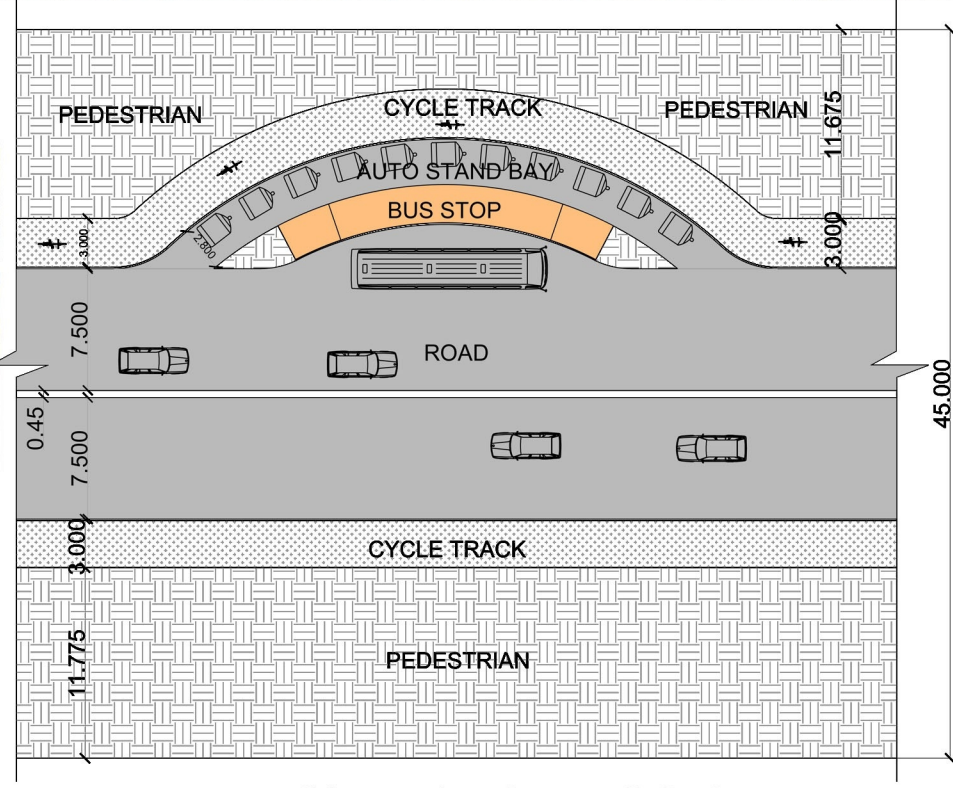


**TITLE :  
ECONOMIC ORIENTED  
TRANSPORTATION PLAN**

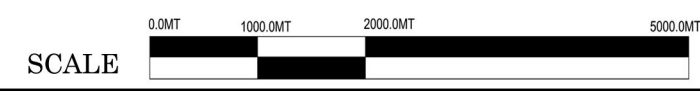
- LENGENDS**
- AMC BOUNDARY
  -  BUS STOP
  - ECONOMIC CORRIDOR
  - MIDC AREA
  -  TRANSPORT NODE



S.No	Name of Industrila Area	Area ( in Ha)	NO PLOTS
1	MIDC Railway Station,Aurangabad	34.95	87
2	MIDC Chikalthana,Aurangabad	719.68	955
3	MIDC Waluj,Aurangabad	1521.99	3255
4	MIDC Shendra,Aurnagad	902.88	453
<b>Total</b>		<b>3179.5</b>	<b>4750</b>



Si. N o.	Category	Cumulative figures up to March 2012											
		No. of Enterprises			Employment generation			Investment (P&M)Rs. In Lakh			Production capacity (Rs. In lakh)		
		Mfg.	Serv ice	Total	Mfg.	Service	Total	Mfg.	Service	Total	Mfg.	Service	Total
1	Micro	3089	365	3454	28265	2960	31255	42149	1747	43896	63704	10253	73957
2	Small	695	259	954	10255	2648	12903	47031	6998	54029	100859	35956	136815
3	Medium	16	--	16	1312	--	1312	12300	--	12300	20860	--	20860



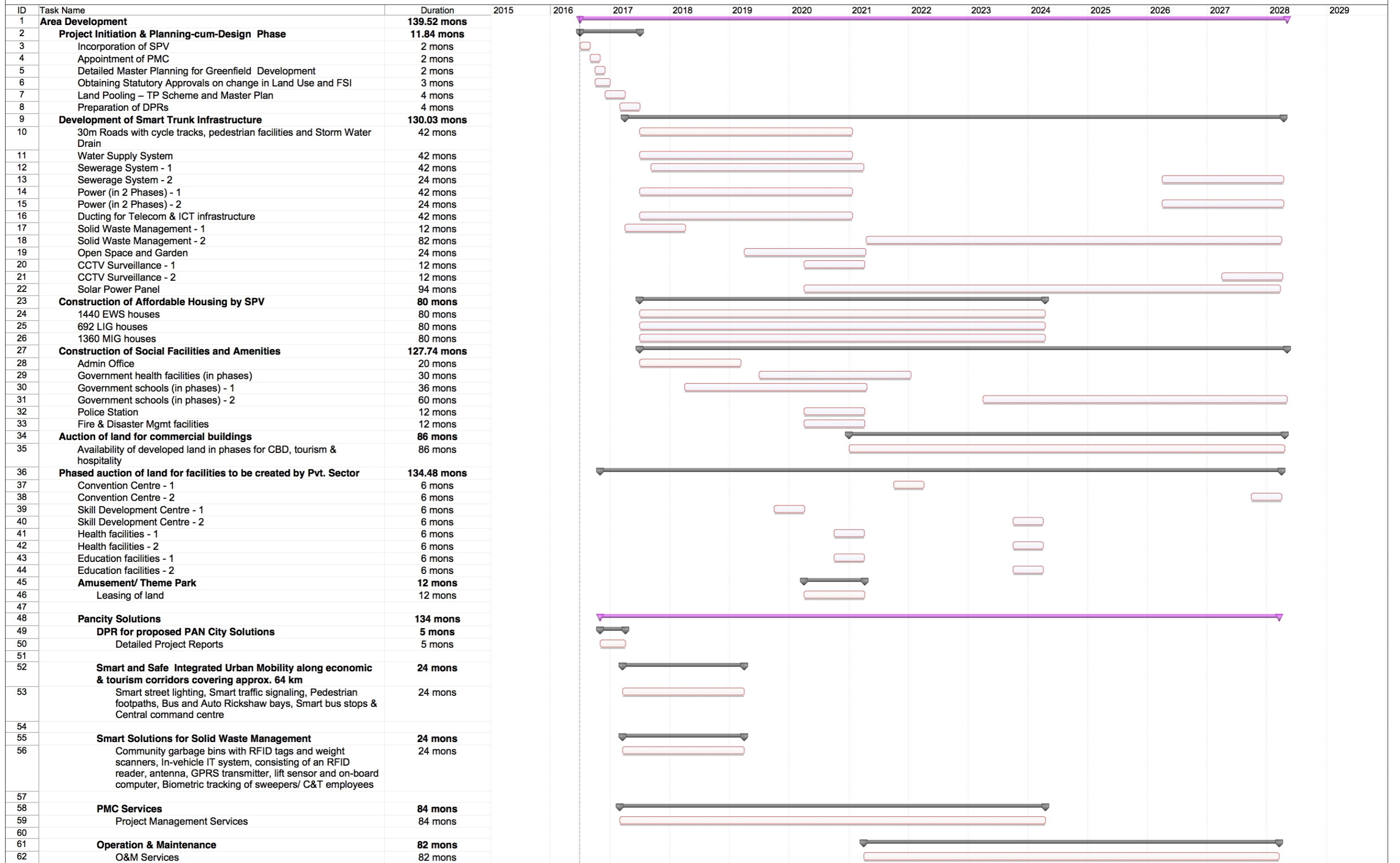
**PROJECT NAME:**  
AURANGABAD SMART CITY

**CLIENT NAME :**  
AURANGABAD MUNICIPAL CORPORATION

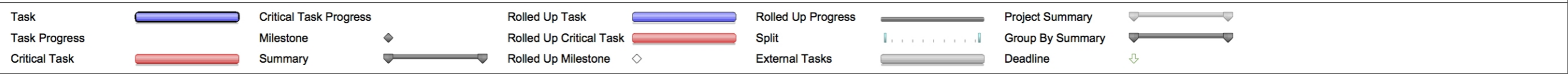
**INITIATIVE :**  
MINISTRY OF URBAN DEVELOPMENT, GOI

**SUBMITTED BY :**  
AURANGABAD MUNICIPAL CORPORATION



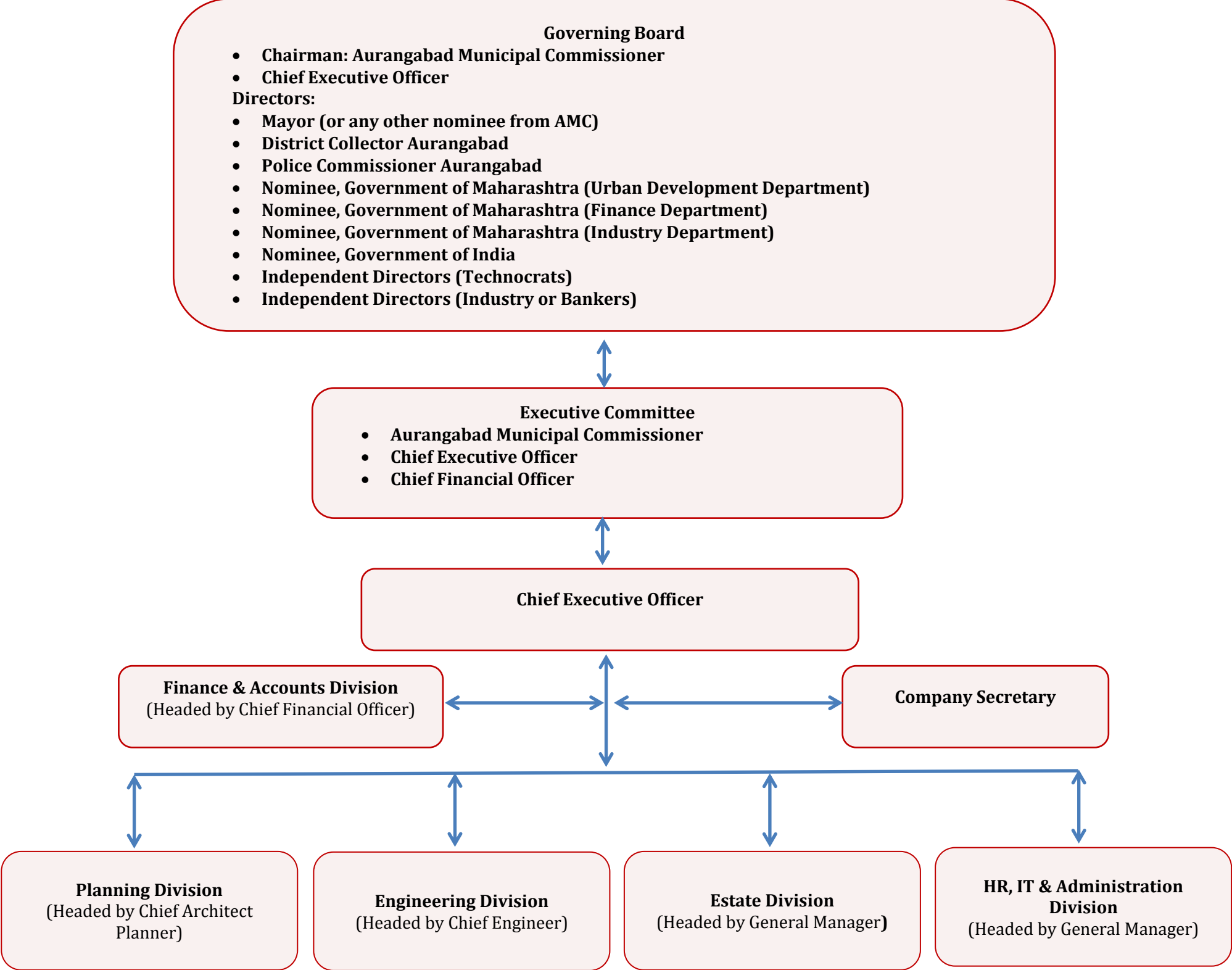


Project: NDIA SMART CITY MISSION  
Date: Sun 6/26/16



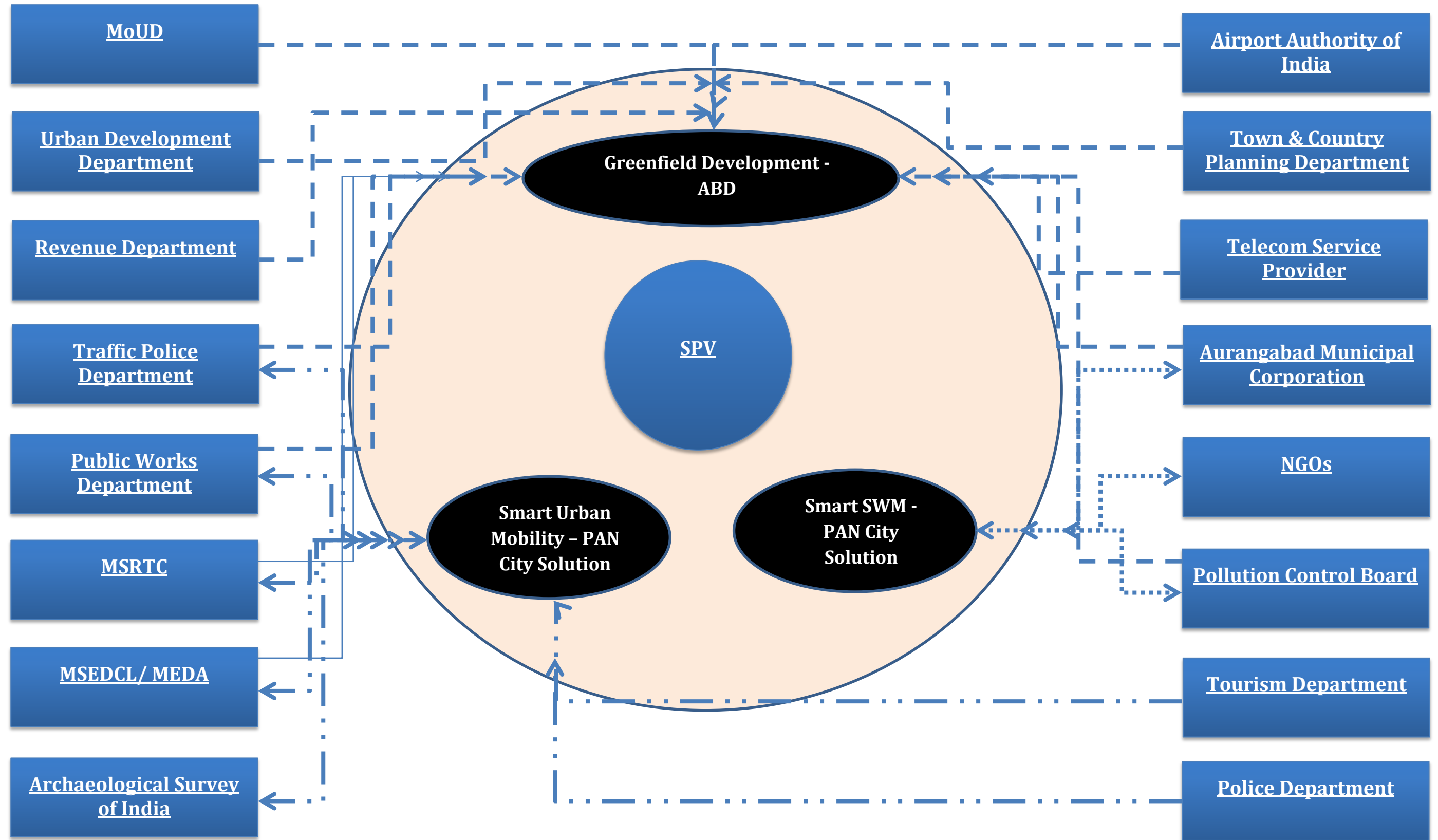


**SPV Organogram**



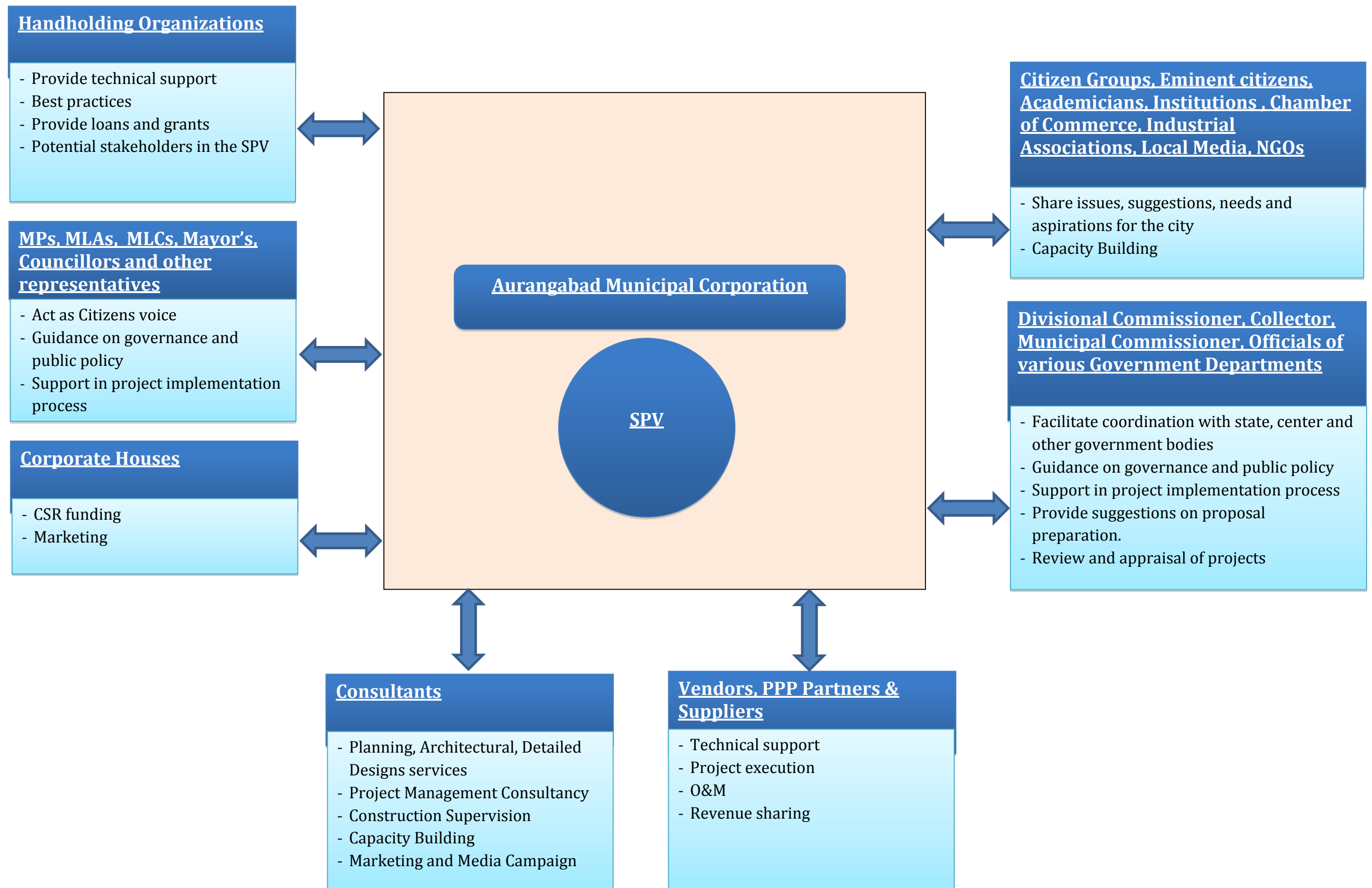
Question 34

Relationship with Government and Non-government Agencies



## Question 36

# Linkages of SPV with ULB and Parastatal Agencies



All Figures in INR Crores

	Grand Total	1,378.3	184.6		1,562.8				167.2	171.2	1,730.1	
Feature	CAPEX SPV	CAPEX Non-SPV	Source	Total CAPEX	Completion Year	No. of Opex Yrs	Phased	Total O&M Expense	O&M Revenue	Life-Time Cost	Opex Remarks	
<b>Local Area Development</b>												
<b>Infrastructure Development</b>												
Water Supply System	58.6	13.5	AMRUT	72.1	Year 4	-	No	-	-	72.1		
Sewerage System	53.7	28.5	AMRUT	82.2	Year 11	7	Yes	23.8	-	106.0	SPV	
Road Network incl. Cycle track	136.3	-		136.3	Year 4	7	Yes	22.4	-	158.7	SPV	
Solid Waste Management	21.5	8.7	Swachh Bharat	30.2	Year 11	7	No	11.5	-	41.7	SPV	
Power	99.5	90.6	IPDS	190.1	Year 11	7	No	8.9	-	199.0	SPV (Street Lighting only)	
Telecom and ICT infrastructure	45.3	-		45.3	Year 4	7	No	1.2	-	46.5	SPV (wi-fi hot spots)	
Open Space and Garden	30.8	-		30.8	Year 4	7	No	4.8	-	35.7	SPV	
CCTV surveillance	6.3	-		6.3	Year 11	7	Yes	1.3	-	7.6	SPV	
Solar Power	11.2	26.5	Solar City Mission	37.7	Year 11	-	Yes	-	-	37.7		
<b>Affordable Housing Development</b>												
EWS Housing	90.2	-	Housing for All	90.2	Year 7	NA	No	-	1.7	90.2	SPV - Township Management Fee	
LIG Housing	72.2	-		72.2	Year 7	NA	No	-	2.0	72.2	SPV - Township Management Fee	
MIG Housing	198.5	-		198.5	Year 7	NA	No	-	7.4	198.5	SPV - Township Management Fee	
<b>Social Infrastructure Development</b>												
Fire & Disaster Management	4.7	-		4.7	Year 4	NA	No	-	-	4.7	Respective Authorities	
Police Station	3.9	-		3.9	Year 4	NA	No	-	-	3.9	Respective Authorities	
Government Health Facilities	31.3	-		31.3	Year 5	NA	No	-	-	31.3	Respective Authorities	
Govt. School	99.0	-		99.0	Year 8	NA	Yes	-	-	99.0	Respective Authorities	
<b>Land Monetization Assets (Details Below)</b>	-	-		-	Year 11	7	Yes	-	160.1	-	SPV - Township Management Fee	
<b>PAN City Solution</b>												
<b>Smart &amp; Safe Integrated Urban Mobility</b>												
Smart Street Lighting & Surveillance	168.9	-		168.9	Year 2	-	No	-	-	168.9		
Smart Mobility	110.2	-		110.2	Year 2	-	Yes	-	-	110.2	Pvt. Operator Buses in Phases	
<b>Smart Solutions for Solid Waste Mgmt.</b>	26.3	16.8	Swachh Bharat	43.1	Year 2	-	No	-	-	43.1		
Command Center & ICT infrastructure	25.0	-		25.0	Year 1	10	No	16.5	-	41.5	SPV	
<b>Other Expenses</b>												
SPV Establishment Expenses	10.6	-		10.6	Year 2	11	No	76.7	-	87.3	SPV Establishment Expenses	
PMC & DPR Preparation	74.4	-		74.4	Year 11	NA	Yes	-	-	74.4		

<b>Source of Funds</b>	
Smart City Mission Funds	1,000.0
Other Government Schemes	184.6
Land Monetization & Housing Revenue	1,759.3
<b>Total</b>	<b>2,943.9</b>

<b>Local Area Development - Area Details</b>		
Total Land Area		Land Area
Government Land	Ha	50.0
Private Sector Land	Ha	183.0
Land Pooling	%age	40%
Developed Land Returned	Ha	73.2
Land Retained by SPV (incl. non-sellable land)	Ha	159.8

<b>Local Area Development - Area Allocation</b>		
Residential Development	Ha	118.9
Commercial/Tourism	Ha	12.2
Social Development	Ha	20.3
Open Space / Green	Ha	37.3
Transport & Communication	Ha	44.3

<b>Affordable Housing Development</b>				
	# Units	Size sqm	Net Proceeds	%age
EWS Housing	1441	30	96.3	41.3%
LIG Housing	692	50	88.1	19.8%
Affd MIG Housing	1359	70	272.5	38.9%
<b>Total</b>	<b>3491.4</b>		<b>456.9</b>	

<b>Land Monetization Details</b>			
	Type	Size (Mil Sq Ft)	Net Proceeds
Residential Development Rights	FSI Sale	10.54	680.4
Shopping Center	FSI Sale	0.63	84.5
Central Business District	FSI Sale	1.58	211.3
Tourism & Hospitality	FSI Sale	0.95	126.8
Convention Center	Land Sale	0.22	34.1
Skill Development Center	Land Sale	0.22	29.3
Health Care	Land Sale	0.22	30.0
Educational	Land Sale	0.32	45.0
Amusement & Theme Park	Land Lease	1.08	61.1
<b>Total</b>			<b>1302.4</b>







**Smart City**  
MISSION TRANSFORM-NATION



HERITAGE



CULTURE



TOURISM



INDUSTRY



**AURANGABAD MUNICIPAL CORPORATION, AURANGABAD**

# ANNEXURE 4 SUPPORTING DOCUMENTS

## SMART CITY PROPOSAL- AURANGABAD

**ANNEXURE 4**

(Supporting documents, such as government orders, council resolutions, response to Question 33 may be annexed here)

S. No	Particulars	✓
1		
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## Annexure – 4

### List of Supporting Documents

Sr. No.	Details of Documents	Exhibit No.
1.	AMC's General Body Resolution No. 242 dt. 20/11/2015, providing approval for Preparation of Smart City Proposal	01-04
2.	AMC's General Body Resolution No. 60 dt. 20/07/2015, for providing approval for AMC's Contribution of Rs.50 Cr. per year towards Smart City Project	05-06
3.	AMC's General Body Resolution providing approval for formation of Special Purpose Vehicle for Smart City Mission Project for Aurangabad City	07-09
4.	Letter from State High Power Committee for submission of Smart City Proposal (Phase I)	10-12
5.	Consent Letter by Landowners and for providing their land for Greenfield Development Option (Dt. 04/12/2015)	13-15
6.	Letter of Support from the Commissioner of Police, Aurangabad City for Aurangabad Smart City Initiative (Dt. 28 <sup>th</sup> June 2016)	16-16
7.	Letter of Support from Maharashtra Tourism Development Corporation (MTDC), Regional Office Aurangabad for Aurangabad Smart City Initiative (Dt. 28 <sup>th</sup> June 2016)	17-17
8.	Memorandum of Understanding signed between AMC and Maharashtra State Electricity Distribution Company Ltd. (MSEDCL) (Dt.28 <sup>th</sup> June 2016)	18-22
9.	Memorandum of Understanding signed between AMC and Confederation of Indian Industry (CII) (Dt.2 <sup>nd</sup> June 2016)	23-32
10.	Memorandum of Understanding signed between AMC and CREDAI, Aurangabad (Dt.25 <sup>th</sup> June 2016)	33-39
11.	Memorandum of Understanding signed between AMC and Institute of Transportation and Development Policy (ITDP) (Dt.24 <sup>th</sup> June 2016)	40-46
12.	Memorandum of Understanding signed between AMC and Walter P Moore (WPM) (Dt.7 <sup>th</sup> June 2016)	47-53
13.	Expression of Interest from Shapoorji Pallonji And Company Pvt. Ltd. to AMC's Smart City Initiative (Dt. 24 <sup>th</sup> June 2016)	54-55
14.	Expression of Interest from Tech Mahindra Ltd. to AMC's Smart City Initiative (Dt. 28 <sup>th</sup> June 2016)	56-58

Sr. No.	Details of Documents	Exhibit No.
15.	Expression of Interest from Unitop Aquacare to AMC for providing end to end solutions in Water Management for the City (Dt. 28 <sup>th</sup> June 2016)	59-60
16.	Letter of Support from Sports Authority of India (SAI) for Aurangabad Smart City Initiative (Dt. 28 <sup>th</sup> June 2016)	61-61
17.	Letter of Support Dt.27/06/2016 by Deogiri Institute of Engineering and Management Studies for Aurangabad Smart City Initiative under Smart City Mission	62-62
18.	Letter of Support Dt. 27/06/2016 by Jawaharlal Nehru Engineering College for Aurangabad Smart City Initiative under Smart City Mission	63-63
19.	Letter of Support Dt. 26/06/2016 by Shreeyash College of Engineering & Technology for Aurangabad Smart City Initiative under Smart City Mission	64-64
20.	Letter of Support Dt. 27/06/2016 by Marathwada Institute of Technology for Aurangabad Smart City Initiative under Smart City Mission	65-65
21.	Agreement dt. 22/09/2011 between AMC and Aurangabad Water Utility Co. Ltd.	66-72
22.	Work Order dt. 20/20/2015 for development & beautification of Road Dividers under Aurangabad Tourism Mega Circuit	73-73
23.	Work Order dt. 03/03/2014 for development & beautification of Rose Garden at Majnu Hills under Aurangabad Tourism Mega Circuit	74-79



## औरंगाबाद महानगरपालिका औरंगाबाद

शुक्रवार दिनांक २०.११.२०१५ (का.प.क्र.१०) रोजी संपन्न झालेल्या सर्वसाधारण सभेचे इतिवृत्त

कारणापुरता उतारा  
केवळ कार्यालयीन उपयोगाकरीता

### विषय क्रमांक २४२:-

प्रस्ताव सादर करण्यात येतो की, केंद्र शासनामार्फत अमृत तसेच स्मार्ट सिटी या दोन योजना विविध राज्यांमधील निवड झालेल्या शहरामध्ये राबविण्याचे निश्चित करण्यात आलेले आहे.

स्मार्ट सिटी या योजनेमध्ये विविध राज्यांमधून/केंद्र शासीत प्रदेशांमधून एकूण ९८ शहराची निवड करण्यात आली आहे. सदर ९८ शहरामध्ये ऐतिहासिक औरंगाबाद शहराचा देखील समावेश करण्यात आलेला असून राष्ट्रीय स्तरावर स्मार्टसिटी चॅलेंज/स्पर्धा होत असून त्यातून पहिल्या टप्प्यात एकूण २० शहराची निवड करण्यात येणार आहे. त्यास्तव औरंगाबाद शहराची पहिल्या २० शहराच्या यादीत निवड होणेकरीता स्मार्टसिटी प्रोजेक्ट (प्रस्ताव) तयार करण्याचे काम Knight Frank (India) Pvt.Ltd. Fortress Infrastructure Advisory Services आणि PSP Financial Consultants Pvt.Ltd. यांचेमार्फत सुरु आहे.

केंद्र शासनामार्फत लोकांच्या जीवनमानाचा दर्जा सुधारण्यासाठी, स्वच्छ, शाश्वत व पर्यावरणपुरक शहरे तयार करण्यासाठी स्मार्ट सिटी अभियान या महत्वाकांक्षी अभियानाची घोषणा मा.पंतप्रधान महोदयांनी दिनांक २५.६.२०१५ रोजी केली आहे. त्याअनुषंगाने केंद्र शासनामार्फत दि. ६.१०.२०१५ रोजी नवि दिल्ली येथे आयोजित करण्यात आलेल्या कार्यशाळेमध्ये स्मार्ट सिटी योजनेच्या मार्गदर्शक सूचना प्रकाशित करण्यात आलेल्या आहेत. त्यानुसार केंद्र शासन पुरस्कृत स्मार्ट सिटी अभियान हे खालील प्रमाणे दोन टप्प्यात राबविण्यात येणार आहे.

### अ. प्रथम टप्पा:-

केंद्र शासनामार्फत प्राप्त मार्गदर्शक सुचनांनुसार स्मार्ट सिटी अभियानाच्या पहिल्या टप्प्यात केंद्र शासनाकडून कळविण्यात आलेल्या राज्यातील एकूण २६ महानगरपालिका असलेली शहरे आणि काही नगरपालिका असलेल्या शहरांमधून स्पर्धात्मक पध्दतीने १० शहरांची निवड करून सदर शहरांची शिफारस केंद्र शासनाकडे करणे या पहिल्या टप्प्यात राज्य स्तरावरील १० शहरामध्ये औरंगाबाद शहराची निवड करण्यात आली आहे.

### ब. दुसरा टप्पा:-

सदर अभियानाच्या दुस-या टप्प्यात राज्य शासनामार्फत निवड करण्यात आलेल्या शहरांनी केंद्र शासनाच्या मार्गदर्शक सुचनेनुसार स्मार्ट सिटी प्रस्ताव तयार करून तो केंद्र शासनामार्फत घेण्यात येणा-या आंतरराज्यीय स्मार्ट सिटी चॅलेंजमध्ये सादर करणे अपेक्षित आहे.

महानगरपालिकेने नियुक्त केलेल्या प्रकल्प व्यवस्थापन सल्लागार (PMC) स्मार्ट सिटी प्रस्ताव (SCP) तयार करताना यासंबंधीची सर्व माहिती एकत्रित करून जनजागृतीचे (Public Awareness) चे काम केले त्यानंतर वार्डनिहाय बैठका घेवून उपस्थित स.सदस्य, नागरिक यांना स्मार्ट सिटी प्रस्ताव (SCP) बाबत सविस्तर माहिती दिली. यासोबत स्थानिक पातळीवर विविध शैक्षणिक संस्था, महाविद्यालये, सीएमआयए, सिआयआय यासारख्या सामाजिक संस्था व औद्योगिक प्रतिष्ठान स्तरावर बैठका घेऊन माहिती दिली.



जनजागृती करीता शहरात जाहीरात फलक कमानी व किऑक्सचे माध्यमातून जाहीरात करुन नागरिकांना स्मार्टसिटीबाबत सविस्तर माहिती देऊन आपले विचार/कल्पना मत मांडणेबाबत/देण्याबाबत सूचित करण्यात आले. या माध्यमातून इलेक्ट्रॉनिक सोशल मिडीआचा उदा.१. फेसबुक-aurangabadsmartcity,

२.ट्विटर- aurangabadsmart,

३.ई-मेल-smartaurangabadcity@gmail.com

४.वेबसाईट- [www.mygov.in](http://www.mygov.in) इत्यादीचा वापर करण्यासाठी ही आवश्यक ती सुविधा उपलब्ध करण्यात येऊन त्याबाबत माहिती देण्यात आली. रोड शो माध्यमातून तसेच महानगरपालिकेची विविध कार्यालये/इमारती इ.मोक्याचे जागी Drop Box ठेवण्यात येऊन त्याद्वारेही नागरिकांची मते/विचार जाणून घेण्यात येत आहेत. तसेच स्थानिक नागरिकांसाठी निबंध स्पर्धा व छायाचित्र स्पर्धा आयोजित करण्यात येऊन त्यामाध्यमातून नागरिकांचे विचार जाणून घेण्यात येत आहे.

दरम्यानचे काळात मा.सचिव नगर विकास-२ यांचे मार्गदर्शनानुसार घरोघरी जाऊन सर्वेक्षण करुन नागरिकांची मते/विचार व समस्या आणि नागरिकांचा त्यांच्या समस्यांचा प्राधान्यक्रम जाणून घेण्याचे काम करण्यात येत आहे. याप्रमाणे शहरातील जवळपास सर्वच भागात साधारणतः ८०% नागरिकापर्यन्त पोहचून नागरिकांना स्मार्टसिटी प्रस्तावाबाबत सविस्तर माहिती देण्यात आलेली आहे. स्मार्टसिटी प्रस्तावात,

०१. **पुनर्विकास (Redevelopment)**: या विकास प्रकारात ज्या क्षेत्राची निवड करण्यात येईल त्या क्षेत्रातील अस्तित्वातील घरे/बांधकाम पुर्णपणे पाडण्यात येऊन त्या क्षेत्राचे नव्याने नियोजन (Planning) करण्यात येते व सदर पुनर्विकास क्षेत्रात सर्व मुलभूत सुविधा उदा.पाणी पुरवठा, मलनिःसारण, रस्ते, घनकचरा व्यवस्थापन, खुल्याजागा इ. ची तरतुद करुन नव्याने त्याच ठिकाणी पुनर्विकास करण्यात येईल. या साठी किमान ५० एकर क्षेत्र असणे आवश्यक आहे. त्या प्रकारात अस्तित्वातील घरांचे/बांधकामांची पाडापाडी करण्यात येऊन नव्याने नियोजन व विकास केल्यामुळे सदर जागेवरील विकासापूर्वीच्या बांधकाम प्रकारात बदल होतात. तथापी सर्वांना तळमजल्यावर जागा मिळत नाही सबब या विकास प्रकारास नागरीकांचा अत्यल्प प्रतिसाद मिळाला.
०२. **रेट्रोफिटिंग (Retrofitting)** : या विकासा प्रकारात अस्तित्वातील घरे / बांधकामात फारसा बदल न करता आवश्यक त्या मिळकतीचे नुतनीकरण करण्यात येते व मुलभूत सुविधा उदा. पाणी पुरवठा, मलनिःसारण, रस्ते, घनकचरा व्यवस्थापन खुल्या जागा इ.चे नियोजन करण्यात येते व त्यासाठी काही प्रमाणात (५% ते १०%) क्षेत्राचे पुनर्विकास (Redevelopment) करावा लागतो. यासाठी किमान क्षेत्र ५०० एकर असणे आवश्यक आहे. या विकास प्रकारासाठी एकाच ठिकाणी आवश्यक असलेले क्षेत्र उपलब्ध होत नसल्या कारणाने नागरीकांचा कमी प्रतिसाद मिळत आहे.
०३. **ग्रीनफिल्ड (Greenfield)** : या विकास प्रकारात उपलब्ध मोकळ्या जागेत मुलभूत सुविधांचा पुर्णपणे विचार होऊन त्या ठिकाणी सर्व सोईसुविधांनी परिपूर्ण नवीन शहर/वसाहत उभारण्यात येते. यासाठी किमान क्षेत्र २५० एकर एवढे आवश्यक आहे. हे क्षेत्र साधारणतः शहराच्या बाह्य बाजूस उपलब्ध आहे. अशा प्रकारच्या विकासांमुळे नियोजित DMIC च्या दृष्टीने परवडणारी घरे नागरीकांना उपलब्ध होतील. या विकास प्रकारास नागरीकांनी आपली मते नोंदवून सकारात्मक प्रतिसाद दिलेला आहे.
- या क्षेत्राचा विकास साधारणतः खालील प्रमाणे



- राहण्यासाठी घरे - ४०% {या मध्ये परवडणारी घरे ४०% १RK/१BHK) (३००-५०० चौ.फुट).  
मध्यमवर्गासाठी (MIG) ३५% १BHK/२BHK  
(६००-१००० चौ.फुट)  
उच्च मिळकतदार वर्ग (HIG) २५% - २BHK/३/४BHK  
(१००० चौ.फुट पेक्षा जास्त, रो-हाऊस बंगलो इ.)
- वाणिज्य वापरासाठी - १५% (दुकानगाळे, कार्यालये, मल्टीप्लेक्स मॉल इ.)
- सामाजिक वापरासाठी - १०% (समाजमंदिर, शाळा, महाविद्यालय, डाकघर, दवाखाने इ.)
- मोकळी जागा - १५%
- रस्ते व वाहतुक व्यवस्था - २०%
- =१००%

या वर नमुद तीन Area Development च्या पर्यायापैकी एक आणि

४. Pan City च्या विविध पर्यायापैकी एक किंवा जास्तीत जास्त दोन पर्यायांची निवड करून स्मार्टसिटीचा प्रस्ताव महाराष्ट्र शासनास दिनांक ३०/११/२०१५ पर्यन्त सादर करावयाचा आहे.

औरंगाबाद शहराकरीता स्मार्टसिटी प्रस्ताव तयार करतांना आतापर्यंतची नागरीकांची मते जाणुन घेता / नागरीकांचे मांडलेले म्हणणे विचारात घेता उक्त तीन क्षेत्रापैकी नागरीकांनी ग्रीनफिल्ड (हरीतक्षेत्र) विकासाला प्राधान्य दिलेले दिसून आले आहे. त्याअनुषंगाने शहरातील खालील दोन क्षेत्रांचा विकास प्रस्तावित करण्यात येतो.

०१. कांचनवाडी - नक्षत्रवाडी परिसर (मौजे नक्षत्रवाडी सर्वे नं./गट नं.०१ ते ०५, ०९ ते ३३ यापैकी सर्वे नं./गट नं.०९ चे ११२ हेक्टर (२७० एकर) एवढे क्षेत्र आहे.) या सर्व जमीनीचे एकूण अंदाजीत क्षेत्र ५५० एकर आहे.

०२. चिकलठाणा (हर्सुल सावंगी बायपास रोड परिसर) (मौजे चिकलठाणा सर्वे नं.२१८ ते २२०, २३१ ते २४४, २९१ ते ३०० आणि ३१२ ते ३६०) या सर्व जमीनीचे एकूण अंदाजीत क्षेत्र ५१० एकर आहे.

सदर पर्याय / प्रस्ताव मान्यतेनंतर तसेच नागरीकांनी व्यक्त केलेल्या प्राधान्य क्रमानुसार यापैकी एक क्षेत्र निश्चित / अंतिम झाले नंतर प्रत्यक्ष जागा मालकांची सहमती घेऊन त्या क्षेत्राकरीता राज्य शासनाकडे सादर करावयाचा विकास प्रस्ताव अंतिम करण्यात येईल.हयासाठी महाराष्ट्र प्रादेशिक व नगर रचना (MR&TP) अधिनियम १९६६ च्या टाऊन प्लॅनिंग स्कीमअंतर्गतच्या तरतुदीनुसार सदरील विकास प्रकारासाठी लागणारी जमिन pull करणे हा एक पर्याय असेल.

पॅनसिटी प्रस्तावामधील नमुद विविध पर्यायापैकी नागरीकांची मते व दिलेल्या प्राधान्य क्रमानुसार खालील दोन पर्यायांचा विचार करून स्मार्टसिटी प्रस्तावात त्यांचा समावेश करण्यात आला आहे.

- विज प्रणाली अंतर्गत “उर्जा कार्यक्षमता” : या मध्ये पर्यावरणपुरक व उर्जा बचत करून अधिक कार्यक्षमतेने उर्जा वापर करण्याचे नियोजन आहे. स्मार्ट उपायानी उर्जा अपव्यय कमी करणे याबाबतची नागरिकांची जागरुकता वाढविणे व इतर पर्यायी उर्जा स्रोतांचा वापर करणे याचा यात समावेश आहे. या मध्ये एलइडी पथदिवे व सौर उर्जा वापर करून उर्जा कार्यक्षमता साध्य करण्याची योजना आहे. यामुळे उर्जा खर्च बचत होईल तसेच Green House effect कमी करणे साध्य होईल.
- मलनिःसारण प्रकल्पातील सांडपाणी पुनर्वापर : यामध्ये सांडपाण्यावर प्राथमिक प्रक्रीया केल्यानंतर उपलब्ध होणा-या पाण्याचा पुनर्वापर करण्यासाठी उदा. बांधकाम, औद्योगिक वापर, उद्यान इ.साठी वापर करण्याचे नियोजन आहे. याबाबत असे नमुद करण्यात येते की, डी.एम.आय.

सी.डी.सी.यांचेसी प्राथमिक चर्चा झाली असून त्यांनी महानगरपालिकेच्या मलजल प्रक्रीया केंद्रातून (STP) प्रक्रीया केलेले पाणी औद्योगिक वापरासाठी विकत घेण्याची तयारी दर्शविलेली आहे. डी.एम. आय. सी.च्या मागणी पुर्ततेसाठी या पाण्याचा भविष्यात भागशः वापर होईल व महानगरपालिकेस त्या पासून महसुल देखील प्राप्त होईल व पाण्याचा अपव्यय होणार नाही.

प्रकल्प व्यवस्थापन सल्लागार (PMC) कडून स.सदस्य व विविध शैक्षणिक व सामाजिक संस्थांच्या माध्यमातून प्राप्त नागरिकांची मते व सूचना इत्यादीचा विचार करण्यात येऊन सविस्तर स्मार्टसिटी प्रस्ताव करण्यात आलेला आहे.

करिता सदरील प्रस्ताव राज्य शासनाकडे सादर करण्याच्या मान्यतेसाठी मा.सर्वसाधारण सभेच्या मंजूरीस्तव सादर.

मा.महापौर : ऐनवेळीचा विषय मंजूर.

उरावः-

प्रस्तावात दर्शविल्याप्रमाणे दि.२०.११.२०१५ रोजी स्मार्ट सिटी संदर्भात मा.सर्वसाधारण सभेत सादर करण्यात आलेल्या स्मार्टसिटी मधील क्षेत्र विकास (Area Development) आणि पॅन सिटी प्रकारातील पर्यायासाठी सविस्तर सादरीकरण व त्यावरील चर्चेनुसार तीन (३) क्षेत्रविकास प्रकारांपैकी हरितक्षेत्र विकास पर्यायांतर्गत (Green Field Development) मौजे कांचनवाडी-नक्षत्रवाडी/चिकलठाणा (हर्सुल सावंगी बायपास रोड परिसर) परिसराचा विकास करण्यासह पॅनसिटी प्रकारात खालील सादर केलेल्या पर्याय क्र.१ व २ तसेच प्रस्तावावरील चर्चेदरम्यान सर्वानुमते समोर आलेले व सुचविलेले पर्याय क्र.३ व ४ या नमूद पर्यायापैकी कोणत्याही एक किंवा दोन पर्यायांचा स्मार्टसिटी प्रस्तावात समावेश करण्यास सर्वानुमते मान्यता देण्यात येते.

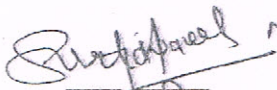
पर्याय क्र.१:- उर्जाकार्यक्षमतेमधील अद्यावत उपाययोजना (Energy Efficiency Focused SMART Solution)

पर्याय क्र.२:- मल:निसारण प्रक्रियेतील सांडपाण्याच्या पुर्नवापरासाठी अद्यावत उपाययोजना (SMART Solution for Waste water)


पर्याय क्र.३:- घनकचरा व्यवस्थापन (Solid Waste Management)

पर्याय क्र.४:- ई-गव्हर्नन्स (E-Governance)

वरील पर्यायाचा सखोल विचार करुन औरंगाबाद शहराचा स्मार्टसिटी प्रस्ताव महाराष्ट्र शासनास प्रस्ताव सादरीकरणाच्या अंतिम दिनांकापूर्वी सादर करण्यास मा.सर्वसाधारण सभेची मान्यता देण्यात येत आहे. त्यानुसार वैधानिक कार्यवाही व्हावी.

  
नगर साचिव

महानगरपालिका औरंगाबाद

  
महापौर

महानगरपालिका औरंगाबाद





## औरंगाबाद महानगरपालिका औरंगाबाद

सोमवार दिनांक २०.०७.२०१५ (का.प.क्र.०५) रोजी संपन्न झालेल्या सर्वसाधारण सभेचे इतिवृत्त

कारणावृत्त प्रस्ताव  
केवळ कार्यालयीन उपलब्धगोळीत

### विषय क्रमांक ६०:-

प्रस्ताव सादर करण्यात येतो की, केंद्र शासनामार्फत लोकांच्या जीवनमानाचा दर्जा सुधारण्यासाठी, स्वच्छ, शाश्वत व पर्यावरणपुरक शहरे तयार करण्यासाठी स्मार्ट सिटी अभियान या महत्वाकांक्षी अभियानाची घोषणा भारताचे पंतप्रधान मा.नरेंद्र मोदी यांनी दिनांक २५.०६.२०१५ रोजी केली आहे. या केंद्र शासन पुरस्कृत स्मार्ट सिटी प्रकल्पाची अंमलबजावणी करणे बाबत राज्य शासनाचे ग्राम परिपत्रक आणि निर्देशानुसार विविध स्वरूपाची वैधानिक कार्यवाही करावी लागणार आहे. या अनुषंगाने प्राप्त सुचनेनुसार स्मार्ट सिटी-प्रकल्पामध्ये देशपातळीवरील स्पर्धे करिता महाराष्ट्र राज्यामधून नियोजित १० शहरांपैकी औरंगाबाद शहराचा समावेश होणेस्तव औरंगाबाद महानगरपालिकेची संमती/इच्छा दर्शविण्याकरीता मा.सर्वसाधारण सभेत ठराव पारित होणे आवश्यक आहे.

केंद्र शासन पुरस्कृत स्मार्ट सिटी प्रकल्पाची अंमलबजावणी करण्याबाबत राज्य शासनाचे परिपत्रक क्रमांक : स्मार्टसि-२०१५/प्र.क्र.१३०/नवि-३३, नगर विकास विभाग, मंत्रालय, मुंबई-३२ दिनांक ०१ जुलै, २०१५ मध्ये खालील बाबींचा अंतर्भाव करण्यात आलेला आहे.

केंद्र शासन पुरस्कृत स्मार्ट सिटी अभियान हे खालील प्रमाणे दोन टप्प्यात राबविण्यात येणार आहे.

### अ. प्रथम टप्पा:-

केंद्र शासनामार्फत प्राप्त मार्गदर्शक सुचनांनुसार स्मार्ट सिटी अभियानाच्या पहिल्या टप्प्यात केंद्र शासनाकडून कळविण्यात आलेल्या राज्यातील एक लक्ष पेक्षा जास्त लोकसंख्या असलेल्या अभियान शहरातून स्पर्धात्मक पध्दतीने १० शहरांची निवड करून सदर शहरांची शिफारस केंद्र शासनाकडे केली जाणार आहे.

### ब. दुसरा टप्पा:-

सदर अभियानाच्या दुसऱ्या टप्प्यात राज्य शासनामार्फत निवड करण्यात आलेल्या शहरांनी केंद्र शासनाच्या मार्गदर्शक सुचनेनुसार स्मार्ट सिटी प्रस्ताव तयार करून तो केंद्र शासनामार्फत घेण्यात येणाऱ्या आंतरराज्यीय स्मार्ट सिटी चॅलेंज मध्ये सादर करणे अपेक्षित आहे.

राज्यस्तरावरून सदर शहरांची निवड करण्यासाठी केंद्र शासनाने सदर मार्गदर्शक सुचनांमोबतच्या परिशिष्ट ३ मध्ये कंडीशन्स प्रेसिडेंट व पात्रता गुणांक (स्कोरींग क्रायटेरिया) उपलब्ध केलेले आहेत. त्यानुषंगाने केंद्र शासनाने दिलेल्या सुचनेनुसार केंद्र शासनाच्या सदर निकषांची जास्तीत जास्त पूर्तता करण्यामध्ये सक्षम ठरणारे व केंद्रीय स्तरावरील आंतरराज्यीय स्पर्धेमध्ये पात्र होण्यास सक्षम ठरणारेच प्रस्ताव आंतरराज्यीय स्मार्ट सिटी चॅलेंज मध्ये सहभागी होऊ शकतील. स्मार्ट सिटी अभियानाच्या पहिल्या टप्प्यात राज्यातील १० शहरांची निवड करून सदर शहरांची नावे केंद्र शासनास ३० जुलै २०१५ पुर्वी कळविणे बाबत शासन परिपत्रकात नमुद केले आहे.

सदर अभियानाच्या अनुषंगाने नागरी स्थानिक स्वराज्य संस्थानी करावयाची पुर्व तयारी खालील प्रमाणे आहे.

अ. संबंधीत नागरी स्थानिक स्वराज्य संस्था स्मार्ट सिटी अभियानांतर्गत ५ वर्षांच्या कालावधीकरीता प्रतिवर्ष ५० कोटी इतका निधी स्वहिस्ता म्हणुन उभा करू शकेल याबाबत संबंधीत नागरी स्थानिक स्वराज्य संस्थेच्या क्षमतेचा व नियोजनाचा तपशील शासनास कळविणे आहे.

घ. संबंधीत नागरी स्थानिक स्वराज्य संस्था स्मार्ट सिटी अभियानांतर्गत ५ वर्षांच्या कालावधीकरीता प्रतिवर्ष २०० कोटी इतका निधी खर्च करू शकेल याबाबत संबंधीत नागरी स्थानिक स्वराज्य संस्थेच्या कार्यकारी भ्रमतेचा व नियोजनाचा तपशील शासनास कळवावयाचा आहे.

क. स्मार्ट सिटी अभियानामध्ये नागरिकांच्या सहभागाबाबत संबंधीत नागरी स्थानिक स्वराज्य संस्थेचे नियोजन कसे करणार आहे याबाबतची माहिती कळवावयाची आहे.

ड. स्मार्ट सिटी अंमलबजावणी बाबतचा संबंधीत नागरी स्थानिक स्वराज्य संस्थेचा दूरदृष्टीकोन (Vision) काय आहे याबाबतचा तपशील देखील शासनास कळवावयाचा आहे.

करीता केंद्र शासन पुरस्कृत "स्मार्ट सिटी", "अमृत" (Atal Mission for Rejuvenation and Urban Transformation), "प्रधानमंत्री आवास योजना" आणि "स्वच्छ भारत अभियान" या सर्व योजनांमध्ये ऐतिहासिक औरंगाबाद शहराचा समावेश होणे करीता आवश्यक ती वैधानिक कार्यवाही करणे करीता महापालिका आयुक्त यांना प्राधिकृत करणे तसेच उपरोल्लेखित सर्व योजनांमध्ये शहराचा समावेश होणेसाठी प्रस्ताव मान्यतेस्तय सादर.

श्री.राजु शिंदे

:--सदर विषय मंजूर करून शासनाकडे ँ ठवावे. यात काही बदल करावयाचे असल्यास सभागृहासमोर आणावेत.


मा.महापौर

:--सदर विषय प्रशासनाचा अत्यंत महत्वाचा असून शासनाकडे पाठविणे आवश्यक आहे. सदर प्रस्ताव मंजूर करण्यात येतो.

उराव :-

प्रस्तावात दर्शविल्याप्रमाणे केंद्र शासन पुरस्कृत "स्मार्ट सिटी", "अमृत" (Atal Mission for Rejuvenation and Urban Transformation), "प्रधानमंत्री आवास योजना" आणि "स्वच्छ भारत अभियान" या सर्व योजनांमध्ये वरील अ,ब,क,ड मध्ये प्रस्तावित केल्यानुसार रुपये ५०.०० कोटींची आर्थिक तरतुद दरवर्षी वार्षिक अंदाजपत्रकात करण्यास त्याच प्रमाणे कमी महत्वाची इतर कामे कमी करून स्मार्ट सिटी आणि इतर योजनांसाठी पैसा कमी पडणार नाही याची दक्षता घेण्यास व या योजनेत ऐतिहासिक औरंगाबाद शहराचा समावेश होणे करीता आवश्यक ती वैधानिक कार्यवाही करणे करीता महापालिका आयुक्त यांना प्राधिकृत करणेस मान्यता देण्यात येते. तसेच उपरोल्लेखित महानगरपालिकेचे सर्व योजनांमध्ये शहराचा समावेश होणेसाठी तसेच या योजनेत जी कामे घ्यावयाची आहेत त्याबाबत शहरातील जनता आणि या सभागृहाच्या सुचना विचारात घेऊन स्मार्ट सिटी आणि इतर योजनांचे प्रस्ताव तयार करावेत. त्यामध्ये काही बदल करावयाचे झाल्यास याबाबत स.पदाधिकारी यांचेशी विचारविनिमय करून त्यास सभागृहाची मान्यता घेऊन कार्यवाही करण्यासही मंजूरी देण्यात येते. वैधानिक कार्यवाही व्हावी.

  
नगर सचिव  
महानगरपालिका औरंगाबाद

  
महापौर  
महानगरपालिका औरंगाबाद





## औरंगाबाद महानगरपालिका औरंगाबाद

सोमवार दिनांक १४.१२.२०१५ (का.प.क्र.११) रोजी संपन्न झालेल्या सर्वसाधारण सभेचे इतिवृत्त

कारणापुरता उतारा  
केवळ कार्यालयीन उपयोगाकरीता

### विषय क्रमांक २६७:-

प्रस्ताव सादर करण्यात येतो की, केंद्र शासनामार्फत अमृत तसेच स्मार्ट सिटी या दोन योजना विविध राज्यांमधील निवड झालेल्या शहरामध्ये राबविण्याचे निश्चित करण्यात आलेले आहे. स्मार्ट सिटी या योजनेमध्ये विविध राज्यांमधून / केंद्र शासीत प्रदेशांमधून एकूण ९८ शहराची निवड करण्यात आली आहे. सदर ९८ शहरामध्ये ऐतिहासिक औरंगाबाद शहराचा देखील समावेश करण्यात आलेला असून राष्ट्रीय स्तरावर स्मार्टसिटी चॅलेंज / स्पर्धा होत असून त्यातून पहिल्या टप्प्यात एकूण २० शहराची निवड करण्यात येणार आहे. त्यास्तव औरंगाबाद शहराची पहिल्या २० शहराच्या यादीत निवड होणेकरीता स्मार्टसिटी प्रोजेक्ट (प्रस्ताव) तयार करण्याचे काम Knight Frank (India) Pvt.Ltd. Fortress Infrastructure Advisory Services आणि PSP Financial Consultants Pvt.Ltd. यांचेमार्फत करण्यात आले आहे.

केंद्र शासनामार्फत लोकांच्या जीवनमानाचा दर्जा सुधारण्यासाठी, स्वच्छ, शाश्वत व पर्यावरणपुरक शहरे तयार करण्यासाठी स्मार्ट सिटी अभियान या महत्वाकांक्षी अभियानाची घोषणा मा.पंतप्रधान महोदयांनी दिनांक २५.६.२०१५ रोजी केली आहे.

केंद्र शासनामार्फत प्राप्त मार्गदर्शक सुचनांनुसार स्मार्ट सिटी अभियानाच्या पहिल्या टप्प्यात केंद्र शासनाकडून स्पर्धात्मक पध्दतीने १० शहरांची निवड करून सदर शहरांची शिफारस केंद्र शासनाकडे करणे या पहिल्या टप्प्यात राज्य स्तरावरील १० शहरामध्ये औरंगाबाद शहराची निवड करण्यात आली आहे

सदर अभियानाच्या दुस-या टप्प्यात राज्य शासनामार्फत निवड करण्यात आलेल्या शहरांनी केंद्र शासनाच्या मार्गदर्शक सुचनेनुसार स्मार्ट सिटी प्रस्ताव तयार करून तो केंद्र शासनामार्फत घेण्यात येणा-या आंतरराज्यीय स्मार्ट सिटी चॅलेंजमध्ये सादर करणे अपेक्षित आहे.

महानगरपालिकेने नियुक्त केलेल्या प्रकल्प व्यवस्थापन सल्लागार (PMC) स्मार्ट सिटी प्रस्ताव (SCP) तयार करताना यासंबंधीची सर्व माहिती एकत्रित करून जनजागृतीचे (Public Awareness) चे काम केले त्यानंतर वार्डनिहाय बैठका घेवून उपस्थित स.सदस्य, नागरिक, विद्यार्थी यांना स्मार्ट सिटी प्रस्ताव (SCP) बाबत सविस्तर माहिती दिली. यासोबत स्थानिक पातळीवर विविध शैक्षणिक संस्था, महाविद्यालये, सीएमआयए,सिआयआय यासारख्या सामाजिक संस्था व औद्योगिक प्रतिष्ठान स्तरावर बैठका घेऊन माहिती दिली व खालील इलेक्ट्रॉनिक सोशल मिडीआचा

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३. ई-मेल-smartaurangabadcity@gmail.com

४. वेबसाईट- [www.mygov.in](http://www.mygov.in)

इत्यादीचा वापर करून तसेच महानगरपालिकेची विविध कार्यालये/इमारती इ.मोक्याचे जागी Drop Box ठेवण्यात येऊन,घरोघरी जाऊन केलेले सर्वेक्षण हयाद्वारेही नागरिकांची मते/विचार व स्थानिक नागरिकांसाठी निबंध स्पर्धा व छायाचित्र स्पर्धा आयोजित करून हया सर्व माध्यमातून नागरिकांचे विचार जाणून घेण्यात आले व स्मार्टसिटी प्रस्ताव तयार करण्यात आला.हया स्मार्टसिटी प्रस्ताव तयार करण्याच्या प्रक्रियेत -

१. **पुनर्विकास (Redevelopment)** : या विकास प्रकारात ज्या क्षेत्राची निवड करण्यात येईल त्या क्षेत्रातील अस्तित्वातील घरे / बांधकाम पुर्णपणे पाडण्यात येऊन त्या क्षेत्राचे नव्याने नियोजन (Planning) करण्यात येते व सदर पुनर्विकास क्षेत्रात सर्व मुलभूत सुविधा उदा.पाणी पुरवठा, मलनिःसारण, रस्ते, घनकचरा व्यवस्थापन, खुल्याजागा इ. ची तरतुद करून नव्याने त्याच ठिकाणी पुनर्विकास करण्यात येईल. या विकास प्रकारासाठी किमान ५० एकर क्षेत्र असणे आवश्यक आहे. तथापी सर्वाना तळमजल्यावर जागा मिळत नाही सबब या विकास प्रकारास नागरीकांचा अत्यल्प प्रतिसाद मिळाला.

२. **रेट्रोफिटिंग (Retrofitting)** : या विकास प्रकारात अस्तित्वातील घरे / बांधकामात फारसा बदल न करता आवश्यक त्या मिळकतीचे नुतनीकरण करण्यात येते. यासाठी किमान क्षेत्र ५०० एकर असणे आवश्यक आहे. या विकास प्रकारासाठी एकाच ठिकाणी आवश्यक असलेले क्षेत्र उपलब्ध होत नसल्या कारणाने नागरीकांचा कमी प्रतिसाद मिळाला आहे.

३. **ग्रीनफिल्ड (Greenfield)** : या विकास प्रकारात उपलब्ध मोकळ्या जागेत मुलभूत सुविधांचा पुर्णपणे विचार होऊन त्या ठिकाणी सर्व सोईसुविधांनी परिपूर्ण नवीन शहर/वसाहत उभारण्यात येते. यासाठी किमान क्षेत्र २५० एकर एवढे आवश्यक आहे. हे क्षेत्र साधारणतः शहराच्या बाह्य बाजूस उपलब्ध आहे. अशा प्रकाराच्या विकासामुळे नियोजित DMIC च्या दृष्टीने परवडणारी घरे नागरीकांना उपलब्ध होतील. या विकास प्रकारास नागरीकांनी आपली मते नोंदवून सकारात्मक प्रतिसाद मिळाला आहे.

औरंगाबाद शहराकरीता स्मार्टसिटी प्रस्ताव तयार करतांना आतापर्यंतची नागरीकांची मते /नागरीकांचे मांडलेले म्हणणे विचारात घेता उक्त तीन क्षेत्रापैकी नागरीकांनी ग्रीनफिल्ड (हरीतक्षेत्र) विकासाला प्राधान्य दिलेले आहे.

४. **Pan City** च्या विविध पर्यायापैकी खालील पैकी दोन पर्यायांची निवड करून स्मार्टसिटीचा प्रस्ताव महाराष्ट्र शासनास दिनांक ५/१२/२०१५ ला सादर केला आहे.

१. उर्जा कार्यक्षमता अद्यायावत व्यवस्थापन प्रणाली (Energy Efficiency Management System)

२. घनकचरा व्यवस्थापन (Solid Waste Management)

३. मलनिःसारण प्रकियेतील सांडपाण्याची प्रक्रिया व पुनर्वापरासाठी अद्यायावत उपाययोजना (Smart Solution for recycling & reuse of Wastewater)

४. ई-गव्हर्नन्स (E-Governance)

सदर स्मार्टसिटी प्रस्तावास मा. सर्व साधारण सभा दि.२०.११.२०१५ ठराव क्र. २४२ ने मान्यता झालेली आहे व प्रस्ताव मान्यतेनंतर महाराष्ट्र शासनास दिनांक ५/१२/२०१५ ला सादर केला आहे व या स्मार्टसिटी प्रस्तावाचे महाराष्ट्र शासनाच्या उच्चस्तरीय समितीसमोर दि.११.१२.२०१५ रोजी सादरीकरण करण्यात आलेले आहे. यावेळी दिलेल्या निर्देशानुसार या स्मार्टसिटी प्रस्तावाची अंमलबजावणी करण्याकरीता आयुक्त, महानगरपालिका औरंगाबाद यांचे अध्यक्षतेखाली शासनाकडून विशेष हेतू कंपनी (Special Purpose Vehicle) गठीत करण्यात येणार असुन आयुक्त महानगरपालिका औरंगाबाद यांच्या अध्यक्षतेखाली एक संचालक समिती सदर विशेष हेतू कंपनी (SPV) चे कामकाज पाहिल. करिता विशेष हेतू कंपनी (SPV) गठीत करण्याच्या प्रस्तावासह स्मार्टसिटी प्रस्तावाच्या आर्थिक नियोजन (Smart City Proposal with Financial Plan) बनविणेसाठी मान्यता व्हावी. या विशेष हेतू कंपनीची (SPV) संचालक समिती पुढील प्रमाणे राहिल.

१. आयुक्त, महानगरपालिका औरंगाबाद	अध्यक्ष
२. महापौर, महानगरपालिका औरंगाबाद	सदस्य
३. महानगरपालिकेमधील अधिकारी वर्गाचे ०२ प्रतिनिधी (ULB चे प्रतिनिधी)	सदस्य
४. जिल्हाधिकारी, औरंगाबाद	सदस्य
५. पोलिस आयुक्त, औरंगाबाद/प्रतिनिधी	सदस्य
६. सचिव, भारत सरकार (केंद्रशासनाचे प्रतिनिधी)	सदस्य



७. महाराष्ट्र शासनाचे ०२ प्रतिनिधी

सदस्य

८. मुख्य कार्यकारी अधिकारी


सदस्य


सादर विशेष हेतु कंपनी (SPV) कलम-८ कंपनी अॅक्ट-२०१३ च्या तरतुदीप्रमाणे गठीत करण्यात येणार आहे. करिता सदरील प्रस्ताव मान्यतेसाठी मा.सर्वसाधारण सभेच्या मंजूरीस्तव सादर. प्रस्ताव मान्यतेनंतर वरील प्रमाणे समिती गठीत करण्याबाबत प्रस्ताव शासनास सादर करण्यात येईल.

मा.महापौर : विषय मंजुर.

**ठराव:-**

प्रस्तावात दर्शविल्याप्रमाणे स्मार्ट सिटी प्रस्तावाची अंमलबजावणी करणेसाठी विशेष हेतु कंपनी (SPV) कलम-८ कंपनी अॅक्ट-२०१३ च्या तरतुदीप्रमाणे गठीत करण्यासह स्मार्टसिटी प्रस्तावाच्या आर्थिक नियोजनासाठी (Smart City Proposal with Financial Plan) तसेच प्रस्तावात नमुद केल्यानुसार संचालक समितीस मान्यता देण्यात येते. वैधानिक कार्यवाही व्हावी.

  
नगर सचिव  
महानगरपालिका औरंगाबाद

  
महापौर  
महानगरपालिका औरंगाबाद

No. SmartC2015/CR176/UD-33  
Urban Development Department  
Mantralaya, Mumbai 400 032  
Dated 15.12.2015

To,  
The Additional Secretary,  
Ministry of Urban Development  
Nirman Bhavan, New Delhi

Subject: - Smart City Proposals of the potential Smart Cities of Maharashtra

Sir,

In the first stage of Smart City Mission, following ten cities from Maharashtra qualified for the second stage (competition round) of the Mission.

- |                     |                |
|---------------------|----------------|
| 1. Mumbai           | 2. Navi Mumbai |
| 3. Nagpur           | 4. Thane       |
| 5. Kalyan-Dombivali | 6. Pune        |
| 7. Nashik           | 8. Solapur     |
| 9. Amaravati        | 10. Aurangabad |

The ten potential Smart Cities, after extensive public consultation, interaction with consulting firms and Handholding Agencies, have prepared their SCPs in accordance with the guidelines issued by MoUD.


SCPs of the potential Smart Cities have been carefully considered by the State High Power Committee in its meeting held on 11<sup>th</sup> Dec. 2015. Minutes of the meeting of the SHPSC are enclosed herewith.

In case of Navi Mumbai, the resolution passed by the general Body has been suspended and the matter is under reconsideration.

The Committee recommended that the proposal of the potential Smart cities be submitted to MoUD for second stage competition of the Smart city Mission.

Accordingly the proposals of the above ten potential Smart Cities along with five spiral bound hard copies, DVD containing the entire completed electronic copy, Minutes of the State High power Committee are submitted herewith.

Yours

  
(Manisha Patankar-Mhaiskar) 15/12/2015




Sr. No.	Name of the city	Whether the proposal is as per Smart City guidelines
1.	Greater Mumbai	Yes
2.	Pune	Yes
3.	Thane	Yes
4.	Kalyan – Dombivali	Yes
5.	Nashik	Yes
6.	Nagpur	Yes
7.	Solapur	Yes
8.	Amaravati	Yes
9.	Aurangabad	Yes
10.	Navi Mumbai	General body rejected the Smart City proposal. But the resolution of the Navi Mumbai Corporation has been suspended and the matter is under reconsideration.

Therefore the Committee decided that the proposals of the 10 potential smart cities be recommended to the MoUD for second stage of the Smart City Challenge.

The Committee therefore, decided to authorize the Secretary Urban Development Department and the State Mission Director to take further necessary action for submission of SCPs of the ten potential Smart Cities to MoUD.

The SHPSC agreed that the policy decisions required by the potential Smart Cities for assumptions included in SCPs will be processed for approval of the Competent Authority.

The meeting ended with the vote of thanks to the chair.

  
 Secretary  
 Urban Development-1  
 Member Convener  
 14/12/2017 and

  
 Chief Secretary & Chairperson



**Minutes of the 2<sup>nd</sup> meeting of the State High Power Committee held on 11<sup>th</sup> December 2015 at 10 am in the Committee Room of the Chief Secretary of Maharashtra at Camp Office Hyderabad House Nagpur**

Second meeting of the State High Power Committee for considering the Smart City proposals of the potential 10 Smart Cities in the State of Maharashtra was held on 11.12.2015 in the committee room of the Chief Secretary at camp office Hyderabad House Nagpur.

Following members of the committee were present at the meeting:

1. Shri Swadheen Kshatriya Chief Secretary – Chairperson
2. Shri Sudhir Shrivastav ACS (Fin) – Member
3. Shri Shree Kant Singh, Principal Secretary (Housing) – Member
4. Shri Rajesh Kumar, Principal Secretary (Water Supply) – Member
5. Shri SBTamsekar, Secretary PWD – Member Representative
6. Smt. Manisha Patankar-Mhaiskar Secretary (UD-II) – Member Convener & Mission Director

At the outset Secretary Urban Development Department –II and Mission Director welcomed the members and the Commissioners of the 10 potential Smart Cities of Maharashtra. The Chief Secretary and Chairman of the SHPSC asked the Commissioners of the ten potential smart cities to present their SCPs before the committee. Proposal of each potential smart city was presented to the committee one by one.

After carefully considering the proposals submitted by each potential smart city, the Committee felt that the proposals of all the potential smart cities except Navi Mumbai have been prepared in accordance with the guidelines issued by MoUD for preparation of the SCPs as mentioned below.

In case of Navi Mumbai, the resolution passed by the general Body has been suspended and the matter is under reconsideration.







- 1) मुन्नाद देविकरराव नवपुत्र
- 2) सा. चंद्रकांत भस्कराव नवपुत्र
- 3) रामेराव नवपुत्र
- 4) शैलेश - साकेती दंगडणीदार
- 5) सा. रामनाथ केशव नवपुत्र

वसुंधरा मंगल नवपुत्र  
9405682923

Signature

- 6) श्रीशारदाबाई नवपुत्र
- 7) कारवारो नारायण मंड

Signature

गर नं 342-9422969298

Signature

गर नं 282  
9423392348

मुसलीधर भिमराव कावडे

Signature

343  
343

महाराजी वाघाणे गट नं. 244

महाराजी वाघाणे

भास्कर नवपुत्र

Signature

गट नं. 320

दत्त विश्वांगर

Signature

दत्त 342

राधुबा बापु नवपुत्र

Signature

लमलाबाय जाधव

Signature

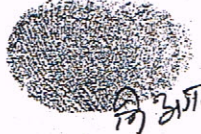
रमेश चंद्रकांत सांगमाई

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गर नं. 294/295  
355-356

त्रिबंभ कावू नवपुत्र

Signature



गट नं. 298

जगन्नाथ धांधाजी नवपुत्र

देवकी मदन तिवारी 293

गज

देवकी मदन तिवारी गट नं 293

दंगडु साकाशम नवपुत्र

Signature 331

लड्ड तुळशीराम बकाल

Signature

360 Exhibit 14



- 24) आकाशम राविकाशम नवपुत्र आकाशम
- 25) ~~जयचं~~ गोपाचंद रावराव-  
नवपुत्र (Signature)
- 26) शंभुवन किसन धोजे - ~~350~~ ग.नं. 350
- 17) रमेश ~~राम~~ हुतांडे वयसार (माहुवाडे) ग.नं 300
- 8 - नानी नाथ मनोहर वीष्टो ग.नं. 296-297
- 360 रंगनाथ नारायण वीष्टो - 360
- 30/ बाबुराव चळगाज - 354-365
- 2) गणेश पुष्पाक्षय वीष्टो = 243 Book
- 10) लालेश्वर गोविंद नवपुत्र ग.नं. 347. (Signature)
- 11) संजय रामोदर सोते 296-1 (Signature)
- 13) सोमनाथ नचक्र ग.नं. (नवपुत्र)
- 15) रामनाथ नचक्र ग.नं. (नवपुत्र) ग.नं. 300, 322. S.R. Kote
- 44) संजय रामोदर नचक्र 350 S.R. Kote





OFFICE OF THE COMMISSIONER OF POLICE, AURANGABAD CITY  
Mill Corner Dr. B.R. Ambedkar Road, Aurangabad-431001  
Phone No 240-2240501 Fax No.0240-2240596  
E-Mail- cp.aurangabad@mahapolice.gov.in

No. CP/PA/SAFE CITY/2016/ 89

Dated : 28<sup>th</sup> June 2016.



The Municipal Commissioner,  
Town Hall, Municipal Corporation, Aurangabad  
Aurangabad-4310001.

**Subject: Letter of Support for Aurangabad Smart City Initiative under Smart City Mission**

Dear Sir,

It gives me immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. I also thank you for inviting our participation and suggestions through focused group discussions as well as soliciting online suggestions to understand the aspirations and ideas of the citizens.

I understand that as part of the Smart City Initiatives you are proposing a Pan City Solutions of Safe and Smart Integrated Mobility Network that encompasses Intelligent Traffic Management Solutions, Smart Street Lighting using LED including CCTV Surveillance system linked to Central Command Center. I strongly believe that this initiative of yours would help us build a safe, secured and congestion free city that would benefit all. This shall provide added impetus to some of the initiatives undertaken by as part of Safe City Programme.

Further, I am writing to express that, we at Aurangabad Police, shall extend all our support to AMC for planning and implementation of these projects through a coordinated efforts among all the stakeholders and be part of the process to transform Aurangabad into one of the most safe and secured city in the country.

Extend my best wishes and remain committed to this initiative.

Yours sincerely,

*Amitesh*

(Amitesh Kumar)  
Commissioner of Police,  
Aurangabad.





# MAHARASHTRA TOURISM DEVELOPMENT CORPORATION (A Government of Maharashtra Undertaking)

Regional Office : M.T.D.C. Holiday Resort, Station Road, Aurangabad. 431005.  
Tel.: 0240--2331198 Fax : 0240-2331198/2334259 On Line Reservation : 0240 - 2343169  
Web Site [www.maharashtratourism.gov.in](http://www.maharashtratourism.gov.in) e-mail: [ROAurangabad@maharashtratourism.gov.in](mailto:ROAurangabad@maharashtratourism.gov.in)

CIN - U99999MH1975SG C018086

Date 28 06 2016

To,  
The Municipal Commissioner,  
Municipal Corporation,  
Aurangabad .

**Subject: Letter of Support for Aurangabad Smart City Initiative under Smart City Mission.**

Respected Sir,

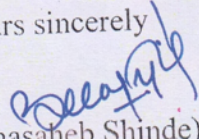
It gives us immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. We also thank you for inviting our participation in this initiative to facilitate augmentation of Tourism Products and infrastructure in the city.

We understand that as part of the Smart City Initiatives Municipal Corporation to proposing a Area Based Green Field Development of 233 Ha in Chikalhana area that will have significant components with respect to Tourism and Hospitality. This Pan City Solutions of Safe and Smart Integrated Mobility Network along the industrial and tourism corridor will certainly boost the tourism in the region. I strongly believe that this initiative of Municipal Corporation would help us to build a safe, secured and congestion free city that would benefit to all specially tourist coming form whole world.

We, hereby, express our willingness in partnering you in this initiative by extending all the support to AMC for planning and successful implementation of the project through coordinated efforts to transform Aurangabad into one of the most attractive city in the world for tourists

We extend our best wishes and remain committed to this initiative.

Yours sincerely

  
(Annasaheb Shinde)  
Senior Regional Manager  
MTDC, Regional Office,  
Aurangabad.



MEMORANDUM OF UNDERSTANDING BETWEEN  
MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED  
(MSEDCL)  
AND AURANGABAD MUNICIPAL CORPORATION (AMC), AURANGABAD

This "non-binding" Memorandum of Understanding (MOU) is made in Aurangabad, India on 28<sup>th</sup> of June, 2016 between the undersigned:



1. **Maharashtra State Electricity Distribution Company Limited** (hereinafter referred to as "MSEDCL", which expression will include its successors and permitted assigns, unless repugnant to the context or meaning), acting through its ~~Chief Engineer~~ Mr. Suresh Ganeshkar, of the first part

And

2. **Aurangabad Municipal Corporation** (hereinafter referred to as "AMC" which expression will include its successors and permitted assigns, unless repugnant to the context or meaning) acting through its Commissioner Mr. OM Prakash Bakoria of the second part

MSEDCL and AMC are hereinafter individually referred to as "Party" and collectively as "Parties", as the context may require.

**Whereas:**

1. The Government of India has envisaged "Smart Cities Mission" considering the need for an all-round, socio economic development of the country. The initiative intends to develop 100 cities and towns in the country as smart cities. The city of Aurangabad is considered to be the Capital of Marathwada, Maharashtra with a population of about 11.75 lacs. Aurangabad has emerged as one of the important Tourism and Industrial destination and is one of the 100 cities under Smart City Mission of Government of India..
2. MSEDCL: The erstwhile Maharashtra State Electricity Board was looking after Generation, Transmission & Distribution of Electricity in the State of Maharashtra barring Mumbai. But after the enactment of Electricity Act 2003, MSEB was restructured into 4 Companies viz. MSEB Holding Co. Ltd., **Maharashtra State Electricity Distribution Co. Ltd. (Mahavitaran)**, Maharashtra State Power Generation Co. Ltd. (Mahagenco) and Maharashtra State Electricity Transmission Co. Ltd. (Mahatransco) on 6th June 2005. Mahavitaran distributes electricity to consumers across the State except Mumbai.
3. MSEDCL is a Distribution Licensee under the provisions of the Electricity Act, 2003 (the "Act") having license to supply electricity in the State of Maharashtra, except in the specific licensed areas of Mumbai. Mahavitaran supplies electricity to a staggering 2.20 Crore consumers across the categories in Maharashtra.
4. As part of Smart City initiative, AMC is envisioning to implement integrated smart grid in Chikalhana Area, and would like to associate and collaborate with MSEDCL



5. As the preparation of Smart City Proposal (SCP) is a collaborative approach while the objectives of all government departments, parastatals, private agencies and the citizens are dovetailed during the process of preparing the SCP, MSEDCL as the parastatal agency in the city, commit to support the smart city initiative.

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties agree as follows:

**I. Purpose:**

Purpose of this MoU is to facilitate successful implementation of the smart grid project in Aurangabad and to promoting extensive utilisation of solar /Green energy and promoting energy conservation and energy efficiency measures, and programs in the city.

**II. Responsibilities: MSEDCL responsibilities**

MSEDCL will, subject to administrative and other requirements, consider undertaking following specific measures.

A. MSEDCL will prepare a strategic plan and roadmap to develop a smart grid in

Aurangabad Smart City that will support the functioning of all infrastructure domains and city services in line with the Aurangabad Smart City Master Plan

B. Providing assets modification in infrastructure for the enhancement for the smart features proposed in the SCP

C. MSEDCL's Smart Grid Roadmap will incorporate measures such as:

- a. Renewable energy obligations of Aurangabad Smart City: It is envisaged to set a target of 10% of electricity consumption in Aurangabad Smart City from renewables by 2020 and increasing it to 40% by 2030 in line with Govt of India's commitment (INLD for Paris CoP). MSEDCL will work towards renewable integration to achieve these targets and would require grid modernization for the same for the success of the program

D. MSEDCL will put in place administrative and procedural mechanisms to complete procedures stipulated under MERC net metering regulations 2015 expeditiously i.e.

1. Define process for installing net meters
2. Undertake communication and specific measures such as periodic camps, and 'single window' clearances to facilitate and fast track the inter-connection and net-metering process through simplified and time bound processes
3. Appoint a nodal officer to facilitate this process



- F. MSEDCL, in collaboration with AMC and other partners in Smart City Initiative, will undertake activities to promote energy conservation and energy efficiency practices and measures in Aurangabad. This may include activities such as load research, demand side measures, consumer behaviour research, and targeted information dissemination, innovative pilot programs and experiments. For undertaking such initiatives, MSEDCL will facilitate necessary data sharing, administrative support and leveraging its IT systems and extensive engagement with consumers.

### AMC responsibilities

AMC will, subject to administrative and other requirements, consider undertaking following specific measures *for MSEDCL*

- A. The Smart City Cell, AMC will be the contact point for the interaction with the AMC and will also be responsible for the smart city initiative.
- B. AMC will help MSEDCL in identifying space for setting up EHV/HV sub-stations and grant 'Right of Way' permissions whenever required to carry out works for implementing Smart Grid project
- C. Effective facilitation drive in synergy with MSEDCL to encourage maximum number of citizens to go solar. AMC along with MSEDCL may hold regular camps in the Chikalthana area to facilitate and fast track the inter-connection and net- metering process through simplified and time bound processes.

### III. Term and Termination:

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, or any aspect of it, results, or might breach any legal, regulatory, and ethical or audit independence requirement in the jurisdiction, or any other reason.

### IV. Other Terms:

#### 1. Sharing of Information:

As may be appropriate from time to time, each Party may share information with the other on a regular basis regarding the arrangement under this MoU. Both the parties will be solely and entirely responsible for any third party information or materials, that they will share with each other, with regards to its requisite rights, authorizations or agreements, in place, enabling accessibility and usage of such information.

#### 2. Confidentiality:

The Parties agree and acknowledge that sensitive information and confidential data will be exchanged between the Parties pursuant to this MoU. Such data will be marked confidential ("Confidential Information"). Each Party agrees that it will maintain confidentiality of the Confidential Information disclosed to it by the other Party under this MoU and will ensure that this clause is strictly adhered to by its officers, employees, agents, consultants and representatives. In case of expiry or termination of this MoU, each party will promptly return all confidential information, to the disclosing Party upon request after expiry/ termination of this



**3. Expense:**

Unless otherwise specifically agreed to in writing by the Parties for implementing the Scope of Services, each Party will bear the respective costs of carrying out the obligations under this MOU.

**4. Counterparts:**

The Memorandum of Understanding (MOU) may be signed in any number of counterparts, all of which taken together will constitute one and the same instrument. MSEDCL and AMC may enter into the Memorandum of Understanding (MOU) by signing any such counterpart and each counterpart may be signed, executed and transmitted by facsimile transmission and will be as valid and effectual as if executed as an original.

**5. Entire Agreement:**

This MoU contains the entire understanding between the Parties hereto and supersedes all prior arrangements, understandings and agreements, written or oral, on the subject hereof. Any part of this MoU which is not enforceable due to any reason whatsoever will be deemed to be inoperative and the rest of the MoU will continue to be valid and binding on the Parties hereto.

**6. Representation:**

Each Party hereby represents to the other that it has all necessary power and authority to execute and deliver this MOU.

**7. Cooperation:** MSEDCL and AMC acknowledge that they have entered into the Memorandum of Understanding (MoU) in good faith and will cooperate in good faith to achieve the objectives set herein.

In witness whereof, the undersigned Parties have executed this MoU as of the date indicated above:

On Behalf of

MAHARASHTRA STATE ELECTRICITY  
DISTRIBUTION COMPANY LIMITED

Name:

Title

On Behalf of

AURANGABAD MUNICIPAL CORPORATION

Name: Om Prakash Bakoria, IAS

Title: Municipal Commissioner, Aurangabad Municipal Corporation

Date:



MEMORANDUM OF UNDERSTANDING BETWEEN  
CONFEDERATION OF INDIAN INDUSTRY (CII)  
AND  
AURANGABAD MUNICIPAL CORPORATION



Confederation of Indian Industry



Smart City  
MISSION: TRANSFORM NATION

June 2016





Confederation of Indian Industry



**MEMORANDUM OF UNDERSTANDING BETWEEN CONFEDERATION OF  
INDIAN INDUSTRY (CII) AND AURANGABAD MUNICIPAL CORPORATION  
(AMC)**

This “non-binding” Memorandum of Understanding (MOU) is made in Aurangabad, Maharashtra, India on <sup>2<sup>nd</sup></sup> ..... day of June, 2016 between the undersigned:

**CONFEDERATION OF INDIAN INDUSTRY (CII)**, having it’s headquarter at The Mantosh Sondhi Centre 23, Institutional Area, Lodi Road, New Delhi (“CII”, which expression will include its successors and permitted assigns, unless repugnant to the context or meaning), acting through its Western Region of the first part

**And**

**Aurangabad Municipal Corporation** (hereinafter referred to as “AMC” which expression will include its successors and permitted assigns, unless repugnant to the context or meaning) acting through Municipal Commissioner of the second part

CII and AMC are hereinafter individually referred to as "Party" and collectively as "Parties", as the context may require.

**Whereas,**

1. The Government of India has envisaged “**Smart Cities Mission**” considering the need for an all-round, socio economic development of the country. The initiative intends to develop 100 cities and towns in the country as smart cities and is expected to generate a large number of opportunities for the industry in terms of deploying state of the art technologies, provision of value added and sustainable services, and, investment opportunities.





2. The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering industry, Government, and civil society, through advisory and consultative processes.
3. CII is a non-government, not-for-profit, industry-led and industry-managed organization, playing a proactive role in India's development process. Founded in 1895, India's premier business association has over 7400 members, from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 100,000 enterprises from around 250 national and regional sectoral industry bodies. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.
4. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.
5. Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, healthcare, education, livelihood, diversity management, skill development, empowerment of women, and water, to name a few.
6. In its 121st year of service to the nation, the CII theme of "Building National Competitiveness", reiterates Industry's role and responsibility as a partner in national development. The focus is on four key enablers: Facilitating Growth and Competitiveness, Promoting Infrastructure Investments, Developing Human Capital, and Encouraging Social Development.





7. With 66 offices, including 9 Centres of Excellence, in India, and 8 overseas offices in Australia, Bahrain, China, Egypt, France, Singapore, UK, and USA, as well as institutional partnerships with 312 counterpart organizations in 106 countries, CII serves as a reference point for Indian industry and the international business community..
8. CII has constituted a committee on Smart Cities to undertake the following:
  - (i) Policy Advisory: recommend changes to the existing policy framework required to enable development of Aurangabad as a “smart city”,
  - (ii) Pilot Projects: identification of pilot projects/ showcase projects/ developmental projects to enable the creation of the necessary infrastructure including any  
  
Upgradation and renovation of existing facilities so as to provide smart city capabilities and services to the residents of the city of Aurangabad;
  - (iii) Project Advisory and Implementation: to advise on all aspects of implementation of identified projects (hereinafter collectively referred to as “**Scope of Services**”) as an initiative to enable the implementation of the “smart city” initiative of the Government of India.
9. The city of Aurangabad, which spreads across an approx area of 219 km<sup>2</sup>. has a population of 1,175,116 (as per 2011 census).Aurangabad is gradually emerging as a prominent location for Specific Industries
10. However, the city of Aurangabad is facing the following urban challenges:
11. CII is desirous of associating and collaborating with the AMC to provide support in meeting its urban challenges, some of which are illustrated above, and developing Aurangabad as a smart city through mobilization of the industry expertise and resources.





NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties agree as follows:

**1. Purpose:**

The Parties are entering into this MOU to record the terms and conditions on which CII will provide the Scope of Services to the AMC for the development of Aurangabad as a “Smart City”.

**2. Responsibilities:**

**2.1 CII’s Responsibilities**

CII hereby agrees that it will undertake, either itself or through one or more of the committee members, reasonable endeavours to provide the Scope of Services in accordance with and to the extent requested by AMC with the objective of developing Aurangabad as a “smart city”, which will also include the following:

- i. CII will jointly work with AMC and all other stakeholders such as industry experts, civil society and other stakeholders to develop vision, goals & strategies for Aurangabad as a Smart City and thereafter support implementation of the same in Aurangabad
- ii. CII, through its committee members, will work in collaboration with AMC in sectors illustrated in para-5 above and in areas like:
  - a) **Think tank and Leadership participation from Industry in Consultative Stakeholder participation for creation of Smart City**
  - b) **Inclusion of Citizen Groups like Young Indians and Corporate Members and Non Members in participating in this movement**
  - c) **Suggesting Financial plans for various sectors & creation of innovative sources of the Municipal Finance**





- a) **Think tank and Leadership participation from Industry in Consultative Stakeholder participation for creation of Smart City**
  - b) **Inclusion of Citizen Groups like Young Indians and Corporate Members and Non Members in participating in this movement**
  - c) **Suggesting Financial plans for various sectors & creation of innovative sources of the Municipal Finance**
  - d) **Inviting Stakeholders ( Indian and Multinational Service providers) once the terms of reference are clear to define Scope of work**
  - e) **Facilitation of overall Project and realisation including Stakeholder Surveys on Satisfaction Index and engagement with the Steering Committee on the same**
  - f) **Associate with media partners and communicate the success of the Smart City movement**
  
  - g) **Project based support for projects in areas like:**
    - 1. Transport
    - 2. Solid Waste Management
    - 3. Water Supply
    - 4. Housing
    - 5. Sewerage
    - 6. Health
    - 7. Education
    - 8. Storm Water Drainage
  - h) **Capacity building to plan, design and execute projects efficiently**
  - i) **Workshop to identify the challenges and solutions**
- iii. CII in association with AMC will mobilize the private and public sector industry expertise to share the smart city vision of Aurangabad through campaigning and conferences, thereby promoting Aurangabad as a smart city.





- v. CII will assist the AMC through required consultation and advisory inputs on policy advocacy relevant to the development of Aurangabad under the smart cities initiative.
- vi. CII will also assist the AMC through the process of “City Challenge” competition and thereby support the city to get designated as a smart city.

## 2.2 AMC’s Responsibilities

- i. AMC will appoint a nodal officer who will be the contact point for the interaction with the AMC and will also be responsible for the smart city initiative.
- ii. AMC will allow CII to conduct smart city workshops/ Conferences/ Conclaves as and when required to promote Aurangabad as an Investment destination.
- iii. The nodal officer and the consultants appointed by the AMC will work jointly with CII to drive the smart city initiative for Aurangabad

## 3. Terms and Termination

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason.





**4. Other Terms:**

**4.1 Sharing of Information**

As may be appropriate from time to time, each Party may share information with the other on a regular basis regarding the arrangement under this MoU. Both the parties will be solely and entirely responsible for any third party information or materials, that they will share with each other, with regards to its requisite rights, authorizations or agreements, in place, enabling accessibility and usage of such information.

**4.2 Confidentiality**

The Parties agree and acknowledge that sensitive information and confidential data will be exchanged between the Parties pursuant to this MoU. Such data will be marked confidential ("Confidential Information"). Each Party agrees that it will maintain confidentiality of the Confidential Information disclosed to it by the other Party under this MoU and will ensure that this clause is strictly adhered to by its officers, employees, agents, consultants and representatives. In case of expiry or termination of this MoU, each party will promptly return all confidential information, to the disclosing Party upon request after expiry/ termination of this MoU.

**4.3 Expense**

Unless otherwise specifically agreed to in writing by the Parties for implementing the Scope of Services, each Party will bear the respective costs of carrying out the obligations under this MOU.





#### 4.4 Counterparts

The Memorandum of Understanding (MOU) may be signed in any number of counterparts, all of which taken together will constitute one and the same instrument. CII and AMC may enter into the Memorandum of Understanding (MOU) by signing any such counterpart and each counterpart may be signed, executed and transmitted by facsimile transmission and will be as valid and effectual as if executed as an original.

#### 4.5 Entire Agreement

This MoU contains the entire understanding between the Parties hereto and supersedes all prior arrangements, understandings and agreements, written or oral, on the subject hereof. Any part of this MoU which is not enforceable due to any reason whatsoever will be deemed to be inoperative and the rest of the MoU will continue to be valid and binding on the Parties hereto.

#### 4.6 Representation

Each Party hereby represents to the other that it has all necessary power and authority to execute and deliver this MOU.

#### 4.7 Cooperation

CII and AMC acknowledge that they have entered into the Memorandum of Understanding (MoU) in good faith and will cooperate in good faith to achieve the objectives set herein.





Confederation of Indian Industry



In witness whereof, the undersigned Parties have executed this MoU as of the date indicated above:

On Behalf of

*[Handwritten Signature]*

Confederation of Indian Industry (CII)

By:

Name:

Title:

Date:

On Behalf of

*[Handwritten Signature]*  
02-06-2016

Aurangabad Municipal Corporation (AMC)

By:

Name: OM PRAKASH BAKORIA

Title: MUNICIPAL COMMISSIONER  
AURANGABAD

Date: 02-06-2016



**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**CREDAI AURANGABAD**  
**AND**  
**AURANGABAD MUNICIPAL CORPORATION**



JUNE 2016



MEMORANDUM OF UNDERSTANDING BETWEEN CREDAI  
AURANGABAD  
AND  
AURANGABAD MUNICIPAL CORPORATION (AMC)

The "Nonbinding" Memorandum of Understanding (MOU) is made in Aurangabad, Maharashtra, India on \_\_\_\_\_ 2016 between the undersigned:

CREDAI is a National level organization of Developers with spread across in 22 states with more than 400 centers and 23000 members. (Confederation of Real Estate Developers' Associations of India).

CREDAI Aurangabad established in 1988 to organize the people in the Construction business to put and pursue the problems in the business to the concerned Government Departments. CREDAI Aurangabad is the singular platform for real estate developers of Aurangabad. It consists of all prominent developers of the city operating in Aurangabad. It pursues concerns pertaining to the real estate sector with Government agencies of the State Level, Municipal levels and all other concerned levels.

Aurangabad Municipal Corporation (here in after referred to as "AMC" which expression and include successors and permitted assigns, unless repugnant to the context to the context or meaning) same through Municipal Commissioner of the second part.

And AMC hereinafter individually referred to as "Party" and collectively as "Parties" and context may require.

Whereas,

The Government of India has envisaged "Smart Cities Mission" considering the need for an all round, Socio economic development of the country. The initiative and to develop 100 cities and towns in the country as smart cities and is expected percentage of large number of opportunities for the industry in terms of developing state of model technologies, provision of value added and sustainable services, and investment opportunities.

1. CREDAI Aurangabad works to fulfill demands of home for the civilians with adequate facilities. and sustain an environment conducive to the development of India,

**CREDAI AURANGABAD**

Office No.22, Second Floor, Harnam Plaza, Near Sant Eknath Rang Mandir, Osmanpura, Aurangabad. Mob. 9326210443.

Email : info@credaiaurangabad.com, abad.credai@gmail.com. Web : www.credaiaurangabad.com

**President**

Sunil Patil  
9370287067  
kortula@yahoo.co.in

**Immd.Past President**

Papalal Goyal  
9370096422  
goyalpj@rediffmail.com

**Vice Presidents**

Balkrishna Bhakre  
Nitin Bagadia  
Narendrasing Jabinda  
Ravi Wattamwar

**Secretary**

Vikas Chaudhary  
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vcavikas@yahoo.co.in

**Treasurer**

Anil Munot

**Joint Secretary**

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**PRO**

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**Director**

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Akhil Khanna  
Gopesh Yadav

**Chairman**

**Working Committees**

Devanand kotgire  
Ravi Wattamwar  
Suyog Runwal  
Sushil Bharuka  
Ajit Muthiyar  
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Manoj Kala

2. CREDAI Aurangabad is a non-government, not-for-profit, industry-led and Construction Industry managed organization, playing a proactive role in India's development process.
3. CREDAI Aurangabad charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for Construction industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.
4. In its 28 year of service to city, the CREDAI Aurangabad theme of "Building National Competitiveness" reiterates Industry's role and responsibility as partner in national development. Facilitating Growth and Competitiveness, Promoting Infrastructure Development, Promoting Tourism, Encouraging Social Development.
5. Extending its agenda beyond business CREDAI Aurangabad assist industry to identify and execute corporate citizenship programmes. Partnership with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, healthcare, education, livelihood, diversity management, skill development, empowerment of women, and water, to name a few.
6. The City of Aurangabad which spreads across an approx area of 219 km's has a population of 1,175,116 (as per 2011 census) Aurangabad is gradually emerging as a prestigious location to reside.
7. CREDAI Aurangabad is desirous of associating and collaborating with the AMC to provide support in meeting its urban challenges, some of which are illustrated above, and developing Aurangabad as a smart city through mobilization of the industry expertise and resources.

**NOW THEREFORE.** In consideration of the mutual promises and covenants contained herein, the Parties agree as follows:

**1. Purpose :**

The Parties are entering into this MOU to record the terms and conditions on which CREDAI Aurangabad will provide the Scope of Services to the AMC for the development of Aurangabad as a "Smart City".

**2. Responsibilities :**

**2.1 CREDAI Aurangabad Responsibilities**

CREDAI Aurangabad hereby agrees that it will undertake, either itself or through one or more of the committee members, reasonable endeavors to provide the Scope of Services in accordance with and to the extent

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requested by AMC with the objective of developing Aurangabad as a "smart city" which will also include the following:

- i. CREDAI Aurangabad will jointly work with AMC and all other stakeholders such as industry experts, civil society and other stakeholders to develop vision, goals & strategies for Aurangabad as a Smart City and thereafter support implementation of the same in Aurangabad.
- ii. CREDAI Aurangabad through its committee members, will work in collaboration with AMC in sectors illustrated in para-5 above and in areas like:
  - a) Think tank and leadership participation from Industry in Consultative Stakeholders participation for creation of Smart City.
  - b) Inclusion of Citizen Groups like Young Indians and Corporate Member and Non Members in participating in this movement.
  - c) Suggesting Financial plans for various sectors & creation of innovative sources of the Municipal Finance through various Industry sectors.
  - d) Inviting Stakeholders (Indian and Multinational Service providers) once the terms of reference are clear to define Scope of work.
  - e) Facilitation of overall Project and realization including Stakeholder Surveys on Satisfaction Index and engagement with the Steering Committee on the same.
  - f) Associate with media partners and communicate the success of the Smart City movement
  - g) Project based support for projects in areas like :
    1. Roads/ Infrastructure /Island Development
    2. Solid Waste Management
    3. Water Supply/Water Harvesting
    4. Housing
    5. Sewerage
    6. Clean & Green City
    7. City Beautification
    8. Tourism
    9. Skill Development/Education
  - h) **Capacity building to plan, design and execute projects efficiently**
    - i) Workshop to identify the challenges and solutions
    - ii) CREDAI Aurangabad in association with AMC will mobilize the private and public sector industry expertise to share the smart city



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vision of Aurangabad through campaigning and thereby promoting Aurangabad as a smart city.

iii) CREDAI Aurangabad will assist the AMC through required consultation and advisory inputs on policy advocacy relevant to the development of Aurangabad under the smart cities initiative.

iv) CREDAI Aurangabad will also assist the AMC through the process of "City Challenge" competition and thereby support the city to get designated as a smart city.

**2.2 AMC's Responsibilities**

i) AMC will appoint a nodal officer who will be the contact point for the interaction with the AMC and will also be responsible for the smart city initiative.

ii) AMC will allow CREDAI Aurangabad to conduct smart city workshops/Conferences/Conclaves as and when required to promote Aurangabad as an Investment destination.

iii) The nodal officer and the consultants appointed by the AMC will work jointly with CREDAI Aurangabad to drive the smart city initiative for Aurangabad.

**3. Terms and Termination**

Both the parties may terminate this MOU at any time by notice with immediate effect if it reasonably believes that its performance, or any aspect of it, result, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason.

**4. Other Terms :**

**4.1 Sharing of Information**

As may be appropriate from time to time, each Party may share information with the other on a regular basis regarding the arrangement under this MOU. Both the parties will be solely and entirely responsible for any third party information or materials, that they will share with each other, with regards to its requisite rights, authorizations or agreement, in place, enabling accessibility and usage of such information.

**CREDAI AURANGABAD**

Office No.22, Second Floor, Harnam Plaza, Near Sant Eknath Rang Mandir,  
Osmanpura, Aurangabad. Mob. 9326210443.

Email : info@credaiaurangabad.com, abad.credai@gmail.com. Web : www.credaiurangabad.com



**President**

Sunil Patil  
9370287067  
kortula@yahoo.co.in

**Immd.Past President**

Papalal Goyal  
9370096422  
goyalpj@rediffmail.com

**Vice Presidents**

Balkrishna Bhakre  
Nitin Bagadia  
Narendrasing Jabinda  
Ravi Wattamwar

**Secretary**

Vikas Chaudhary  
9822034291  
vcavikas@yahoo.co.in

**Treasurer**

Anil Munot

**Joint Secretary**

Sangram Patare  
Bhaskar Chaudhary

**Joint Treasurer**

Sunil Bedmutha  
Sachin Bohara

**Co-ordinator**

Ashutosh Navandar

**PRO**

Rameshwar Bharuka

**Director**

Anil Agraharkar  
Vijay Sakkarwar  
Manoj Pagariya  
Akhil Khanna  
Gopesh Yadav

**Chairman**

**Working Committees**

Devanand kotgire  
Ravi Wattamwar  
Suyog Runwal  
Sushil Bharuka  
Ajit Muthiyan  
Sunil Bedmutha  
Sushil Dhoot  
Rameshwar Bharuka  
Nandkumar Tawde  
Siddharth Kankariya  
Manoj Kala

## 4.2 Confidentiality

The Parties agree and acknowledge that sensitive information and confidential data will be exchanged between the Parties pursuant to this MOU. Such data will be marked confidential ("Confidential Information"). Each party agrees that it will maintain confidentiality of the Confidential Information disclosed to it by the other party under this MOU and will ensure that this clause is strictly adhered to by its officers, employees, agents, consultants and representatives. In case of expiry or termination of this MOU, each party will promptly return all confidential information, to the disclosing party upon request after expiry termination of this MOU.

## 4.3 Expense

Unless otherwise specifically agreed to in writing by the parties for implementing the Scope of Service, each party will bear the respective costs of carrying out the obligations under this MOU.

## 4.4 Counterparts

The Memorandum of Understanding (MOU) may be signed in any number of counterparts, all of which taken together will constitute one and the same instrument. CREDAI Aurangabad and AMC may enter into the Memorandum of Understanding (MOU) by signing any such counterpart and each counterpart may be signed, executed and transmitted by facsimile transmission and will be as valid and effectual as if executed as an original.

## 4.5 Entire Agreement

This MOU contains the entire understanding between the Parties hereto and supersedes all prior arrangements, understandings and agreements, written or oral, on the subject hereof. Any part of this MOU which is not enforceable due to any reason whatsoever will be deemed to be inoperative and the rest of the MOU will continue to be valid and binding on the Parties hereto.

## 4.6 Representation

Each Party hereby represents to the other that it has all necessary power and authority to execute and deliver this MOU.

## CREDAI AURANGABAD

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Osmanpura, Aurangabad. Mob. 9326210443.

Email : info@credaiaurangabad.com, abad.credai@gmail.com. Web : www.credaiaurangabad.com



#### 4.7 Cooperation

CREDAI Aurangabad and AMC acknowledge that they have entered into the Memorandum of Understanding (MOU) in good faith and will cooperate in good faith to achieve the objectives set herein.

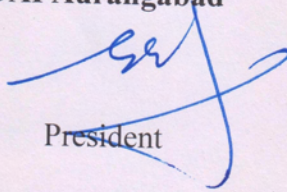
In witness whereof, the undersigned Parties have executed this MOU as of the date indicated above

On Behalf of

On Behalf of

CREDAI Aurangabad

Aurangabad Municipal Corporation  
(AMC)

By  President

By 

Name Sunil Patil

Name OM PRAKASH BAKORIA

Date

Date 25-06-2016

**President**

Sunil Patil  
9370287067  
kortula@yahoo.co.in

**Immd.Past President**

Papalal Goyal  
9370096422  
goyalpj@rediffmail.com

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## Background

# Memorandum of Understanding

Between

**Aurangabad Municipal Corporation**

And

**Institute for Transportation and Development Policy**

Concerning cooperation on

**Planning and Promoting Sustainable Mobility in the City  
of Aurangabad**

24<sup>th</sup> June 2016

## Approach

AMC and ITDP agree on the following general philosophy while planning transportation in Aurangabad:

- Priority must be given to clean, efficient, affordable and sustainable forms of transport—walking, cycling and public transport—in planning, allocation of funds and design of streets and other transport infrastructure.
- Streets should be designed to maintain a balance between various forms of transport—walking, cycling, public transport, and motor vehicles—as well as local uses—meeting between people, recreation, informal commerce, and parking.
- Walking is fundamental to a convenient and efficient transport system. Comfortable and safe pedestrian passage should be provided for all citizens.
- Cycling provides pollution-free mobility for short-trips and is an essential mode for lower-income citizens and school children. Provision should be made for the safe passage and secure parking of cycles on city streets.
- Public transport is essential to provide clean and rapid mobility to all citizens of the city. Efficient and affordable public transport must be provided by the



## Background

The Aurangabad Municipal Corporation, hereinafter referred to as AMC, responsible for management of the Aurangabad municipal area, desires to improve its transport system to enhance mobility and accessibility for the benefit of all citizens. It wishes to participate in the Smart Cities challenge of the Government of India with a proposal that focuses on sustainable urban transport, amongst other key civic issues.

The Institute for Transportation and Development Policy, hereinafter referred to as ITDP, is an international not-for-profit non-governmental organization dedicated to the promotion of environmentally sustainable and equitable transport. The Urban Works Institute, an Indian non-profit trust, represents ITDP in India. Over the past three decades, ITDP has been providing technical support to several cities worldwide to develop strategic mobility plans, bus rapid transit (BRT) systems, walking and cycling infrastructure, parking management systems, transit-oriented development plans, and sustainable transport policies.

AMC and ITDP agree to enter into a Memorandum of Understanding (MOU) where ITDP will support AMC to effect a paradigm shift towards sustainable and equitable transportation planning by achieving specific goals stated in this document. Sustainable transportation is an essential component of Aurangabad's Smart City vision.

ITDP's technical support to AMC on these initiatives will be pro-bono. It will be funded through grant support from the International Climate Initiative (IKI) of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety of the Government of Germany and other philanthropic organisations interested in climate change mitigation and equitable development.

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- Public transport is essential to provide clean and rapid mobility to all citizens of the city. Efficient and affordable public transport must be provided by the



government that is accessible to all citizens. Measures must be taken to ensure that public transport is not adversely affected by traffic congestion.

- City buses form the backbone of public transport service in cities worldwide, even those with wide network of mass rapid transit. Buses of various sizes and with different route configurations provide flexibility in operations and better reach to all parts of the city via direct connections. They also act as feeders to mass rapid transit systems to extend their reach.
- Bus Rapid Transit (BRT) is a flexible form of Mass Rapid Transit that, when integrated with the Metro, can provide a seamless MRT connectivity to the entire city, thus extending the reach of a Metro. It can be implemented quickly, at low cost, and is ideal for medium as well as high demand corridors.
- Urban development should be intensified around mass rapid transit network so that a majority of the population of the city lives and works within walking distance of frequent and rapid public transport service.
- Parking is a key tool to manage travel demand. Effective management, with controls on parking supply and a demand-based fee, both on-street and off-street, can reduce the dependence on personal motor vehicles, reduce traffic congestion, and support the shift to sustainable modes of transport such as walk, cycling, and public transport.
- Ongoing maintenance and enforcement are necessary for effective use of infrastructure developed for walking, cycling and public transport.
- Public agencies should focus on planning, regulation and monitoring to ensure that services are fair, efficient and effective. Public sector must also provide financial assistance to ensure that affordable services are available to the poor. Private sector may be engaged for routine operations but under rigorous oversight of the public sector.

## Goals

AMC and ITDP agree to cooperate to achieve the following goals for Aurangabad in 4 years of mutual cooperation, in a manner guided by the approach stated above:

1. At least 80% of all trips are by walking, cycling and public transport by 2021.
2. All streets have safe, convenient and comfortable walking facilities by 2021.
3. All large streets have safe, convenient and comfortable cycling facilities by 2021.
4. Formal bus based public transport system operation with at least 60 buses per lakh population.
5. All public transport facilities are easily accessible by walk, cycling, and paratransit modes.
6. Personal motor vehicle use is restricted to fewer than 20% of all trips through a parking management framework and appropriate changes in parking regulations.
7. At least 50% of funds spent on transportation in Aurangabad (excluding those on metro rail), irrespective of their source, are utilised for initiatives that benefit of pedestrians, cyclists and bus-based public transport users.

It should be stressed that these goals grasp the essence of the Smart Cities Mission's mobility objectives.



## Roles and activities

ITDP's will provide technical advisory support to AMC that will include

- Determining and fine tuning the priorities identified in CMP and augment the CMP where necessary
- Helping in creating a sustainable transport initiatives focused Smart Cities Proposal for Aurangabad
- Creating guidelines and standards for planning, design, implementation and monitoring of sustainable transport initiatives and transit-oriented development
- Developing terms of reference for detailed project reports for various sustainable transport initiatives
- Reviewing urban transport and urban development plans and proposals created by consultants.
- Training staff of public agencies as well as their consultants in planning, design, implementation, monitoring, and outreach of sustainable urban transport and transit-oriented development initiatives

The following activities are beyond the scope of work of ITDP.

- Engineering and working drawings
- Surveying
- Construction supervision
- Project management consultancy

AMC will

- Ensure that sustainable transportation projects are prioritized in budgetary allocation and implementation.
- Allocate or hire sufficient dedicated staff for planning, implementing, managing and monitoring sustainable transport systems.
- Bring on-board any other concerned government agencies required for successful implementation and operation of sustainable transport infrastructure and systems.
- Procure the services of consultants for surveying, detailed planning, engineering, construction supervision and project management.

### Public transportation, including Bus Rapid Transit System (BRTS)

ITDP will

- Create conceptual design and operations plan for public transportation systems
- Review and provide guidance on detailed infrastructure designs and operations plan prepared by AMC's consultants

AMC will

- Employ the services of consultants to develop detailed infrastructure designs and operations plan
- Develop the public transportation systems based on the inputs from ITDP



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AMC will

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## **Street design**

ITDP will

- Create design guidelines to develop streets that accommodate needs of all road users, especially people on foot, cycle and public transport, and those with special needs.
- Review the detailed design of consultants and help in improving them

AMC will

- Adopt the street design guidelines
- Employ the services of designers to develop detailed designs
- Develop all its streets based on the guidelines

## **Transit-oriented development**

ITDP will

- Develop planning guidelines and standards for preparation of transit-oriented Development Plans.
- Review Development Plans if it is under preparation and provide recommendations to ensure that they are transit- and people-focused.
- Help prepare a model Local Area Plan around a mass rapid transit corridor.

AMC will

- Take the steps necessary for a truly transit-oriented development around the Mass Rapid Transit corridors in Aurangabad.

## **Parking regulation and management**

ITDP will

- Help AMC review and refine a parking policy for Aurangabad
- Develop parking regulations and a framework for parking management
- Create an RFP for an IT-enabled parking management system

AMC will

- Adopt the policy
- Implement an IT-enabled parking management system to enforce parking rules and charge market-linked demand-based fee.

## **Training and capacity building**

ITDP will:

- Design and conduct at least one training workshop every year to build the capacity of key staff of AMC and other allied agencies on strategic mobility planning, transit oriented development, street design, BRT and public transport planning, and parking management.
- Help AMC in drafting the terms of reference (TORs) for engaging consultants for developing detailed project reports (DPRs) and executing any projects that promote sustainable transportation.



- Help AMC in drafting the terms of reference (TORs) and request for proposals (RFPs) and reviewing proposals for engaging service providers of various systems such as public transport operations and parking management.

### **Monitoring**

ITDP will

- Help AMC develop a Service Level Benchmarks (SLB) for transportation in Aurangabad

AMC will

- Adopt the SLBs
- Create and fund a mechanism for establishing a baseline benchmark and monitoring Aurangabad's transportation as per the SLB annually.

### **Outreach for sustainable transport**

ITDP, AMC will actively collaborate for creating awareness and acceptance of sustainable transportation fundamentals as well as any decisions taken and goals set for Aurangabad based on these fundamentals.

### **Method of Cooperation**

#### **Staffing**

ITDP agrees to work with staff and consultants designated by AMC to carry out the scope of work defined above. ITDP will work with AMC staff to establish and build capacity for implementing sustainable transport, mobility, public space initiatives. AMC will establish an urban transport unit that bring together various stakeholders for planning, implementation, and monitoring of sustainable transport initiatives in the city.

#### **Funding**

AMC will pay its own staff and consultants as per its standard procedures. Should surveying be deemed necessary, AMC will be responsible procuring and covering the cost of the services of survey agencies. AMC will make all arrangements and pay for any associated costs to conduct workshops that AMC and ITDP co-organise.

ITDP's technical advisory support to AMC will be free of cost. ITDP will pay for any experts that it brings to workshops that AMC and ITDP co-organise.

ITDP's work in Aurangabad will be supported by funding from the International Climate Initiative (IKI) of the German Government and other philanthropic organisations.

#### **Data Collection and Ownership**

AMC will provide access to past and present studies and data to the ITDP team. ITDP agrees to share all data it collects, and all reports it produces, relevant to its cooperation with AMC, as long as ITDP is acknowledged as the source of the data. Unless ITDP, AMC specifically agree that a certain data or portions of a report need to be held confidential, all reports produced by ITDP will also be available to the general public.



## Period of Cooperation

The period of cooperation under this agreement shall be 24/June/2016 to 23/June/2020 (a period of four years).

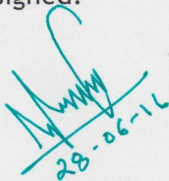
## Indemnification

Each party to this agreement shall indemnify and hold the other party harmless against any legal claims, damages, liabilities, or causes of action brought against them.

## Modification or Termination of Agreement

This Memorandum of Understanding may be modified by mutual agreement in writing signed by both parties. This Memorandum of Understanding may be terminated by either party for any reason after submission of 30-days advance written notice to the other party.

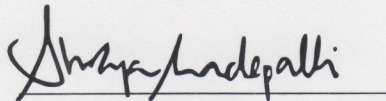
As detailed above, AMC and ITDP agree to enter into a Memorandum of Understanding to enhance transportation of the city to the benefit all citizens in Aurangabad Municipal Region. This MOU is signed on 24<sup>th</sup> day of June 2016 by AMC and ITDP, as represented by the undersigned.



---

Omprakash Bakoria, IAS

Municipal Commissioner, Aurangabad Municipal Corporation



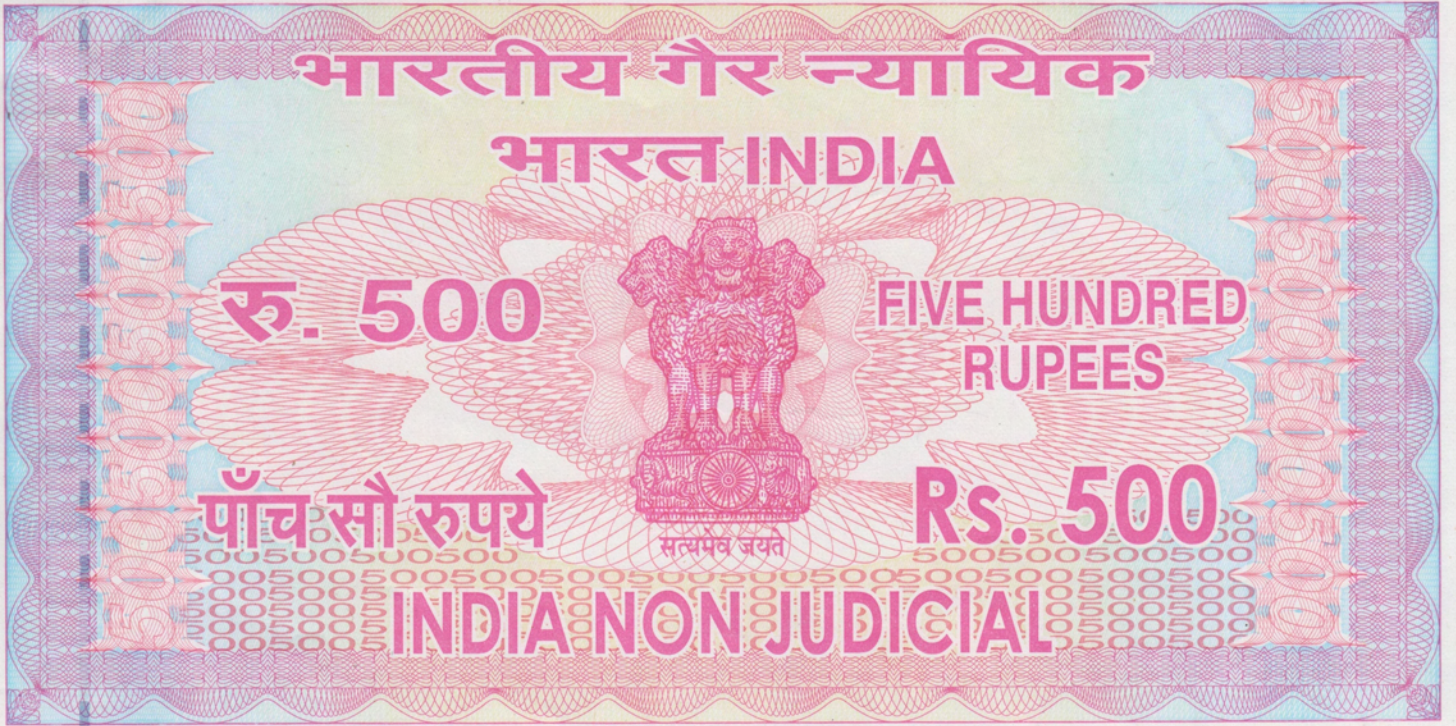
Shreya Gadepalli,

Director - South Asia,

Institute for Transportation & Development Policy

and Managing Trustee, Urban Works Institute





महाराष्ट्र MAHARASHTRA

2016

AA 440254

समा करपासाठी लुकाविलेले मुद्रांक शुद्धी करणे ही त्याच कारणांमुळे शक्य होऊ शकते. यासाठी कोणत्याही प्रकारचा दंड किंवा दंडात्मक कार्यवाही होणार नाही असे नोंद घ्यावे.

अ.क्र. ... 13904 ... दि. 3 JUN 2016

मु.शु. रक्कम ..... 500/-

दस्तावा प्रकार, Agreement

दस्त नोंदणी करणार आहेत की ? होय/नाही.

मिळकतीचे दर्शन

मुद्रांक विमल देणाऱ्याचे नाव Walter P. Moore

पत्ता DTC bldg OFF. N. 7<sup>th</sup> B 7<sup>th</sup> Flr near Mhatre bridge

मुद्रांच्या पाठक्याचा नाव Municipal Corporation (Aurangabad)

हस्ताक्षर करणाऱ्याचे नाव Suryakant Sawant

Ambegaon Pune-411046

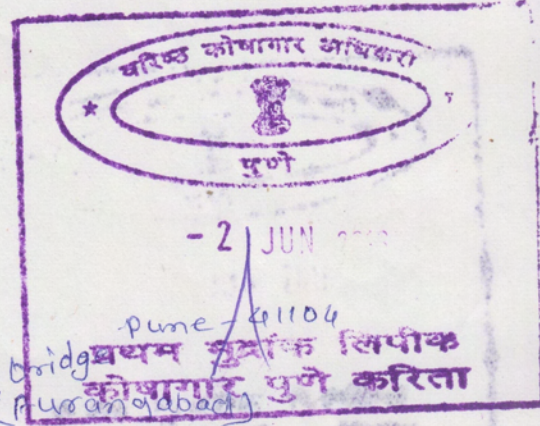
नितीनि एम. गांधी (परवाना नं. 2209048)

शा. नं. 28, केदारपुरा, पुणे

कॅबिनेट, पुणे-411005 फोन-2486288

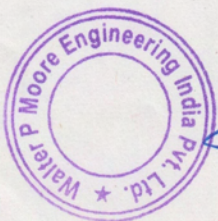
*[Signature]*

मुद्रांक विमल देणाऱ्याचे



**MEMORANDUM OF UNDERSTANDING BETWEEN WALTER P MOORE (WPM) AND AURANGABAD MUNICIPAL CORPORATION (AMC), AURANGABAD, MAHARASHTRA**

This "non-binding" Memorandum of Understanding (MOU) is made in Aurangabad, Maharashtra, India on 7<sup>th</sup> day of June, 2016 between the undersigned :



*[Signature]*

*[Signature]*



'Walter P Moore' founded in 1931 having its headquarters in Houston, Texas, United States through its wholly owned subsidiary, Walter P Moore Engineering India Pvt Ltd (hereinafter referred to as "WPM", which expression, unless repugnant to the context, shall mean to include its successors, assigns, affiliates and authorized representatives) having its registered India office at Down Town City Centre, Office No 7 B, 7<sup>th</sup> Floor, S. No 8 + 23/1/2, Near Mhatre Bridge, Erandwane, Pune – 411004 through its authorized representative, Director of India Operations, Mr. Abhijit Shah, of the first part.

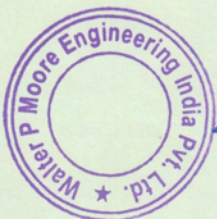
**And**

**Aurangabad Municipal Corporation** (hereinafter referred to as "AMC" which expression will include its successors and permitted assigns, unless repugnant to the context or meaning) acting through its Commissioner Mr. Om Prakash Bakoria, of the second part.

WPM and AMC are hereinafter individually referred to as "Party" and collectively as "Parties", as the context may require.

**Whereas,**

- I. The Government of India has envisioned "**Smart Cities Mission**" considering the need for an all-round, socio-economic development of the country. The initiative intends to develop 100 cities and towns in the country as smart cities and is expected to generate a large number of opportunities in terms of deploying state of the art technologies, provision of value added and sustainable services, and investment opportunities. On the basis of scoring done by panel of experts, Ministry of Urban Development, Govt of India, as part of the "Smart Cities Mission", has announced the ranking of 97 cities competed in the Smart City Challenge, where Aurangabad stood 77<sup>th</sup> in rank. It is expected that up to 40 cities in Round 2 will be announced in August 2016, based on the submission of revised proposals.
- II. Walter P Moore is an 85-year old international company of engineers, innovators, and creative people who solve some of the world's most complex structural and infrastructural challenges by providing structural, diagnostics, civil, traffic, transportation, water resources, and parking engineering services. WPM provides solutions that are cost and resource-efficient, forward-thinking and help support and shape our communities. Founded in 1931, WPM is headquartered in Houston, Texas and has more than 580 professionals working across 15 U.S. offices and 5 international locations.



*Abhijit Shah*

*Om Prakash Bakoria*



- III. The city of Aurangabad, which spreads across an approximate area of 139 Sq.kms (most likely) under municipal limits, with population around 12 lakhs is gradually emerging as a prominent location in Maharashtra.
- IV. However, the city of Aurangabad is facing urban challenges such as the following:
- Poor traffic management
  - Lack of long term plan for growing mobility demand
  - Low mode share for public transport services (city buses)
  - Development of road infrastructure and parking
  - Absence of awareness for road user safety with priority to non-motorized transport and public transport
  - Limited integration of traffic and transportation systems with Information and Communication Technology (ICT)
- V. WPM is desirous of associating and collaborating with AMC to provide support in meeting its urban challenges, some of which are illustrated above, and developing Aurangabad as a smart city.

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties agree as follows:

### 1. Purpose

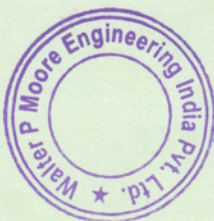
The parties are entering into this MOU to record the terms and conditions on which WPM will provide services in traffic and transportation planning and engineering sector to Aurangabad to be a "Smart City".

### 2. Responsibilities

#### 2.1 WPM's Responsibilities

WPM hereby agrees that it will undertake the Scope of Services in accordance with and to the extent requested by AMC with the objective of developing Aurangabad as a "Smart city", which will also include the following :

- I. WPM will jointly work with AMC and others such as industry experts, civil society and all other stakeholders to develop vision, goals & strategies for Aurangabad as a Smart City and thereafter support implementation of the same in Aurangabad focusing on traffic and transportation planning and engineering.
- II. WPM will work in collaboration with AMC in sectors illustrated in para-IV above explaining city specific urban challenges and in other areas such as:



A handwritten signature in blue ink, located at the bottom right of the page.



- Intelligent Transport System (ITS) design and system architecture for all transport modes of passenger and freight traffic.
  - Traffic Impact Assessment, simulation studies, junction and signal design, signal synchronization, Area Traffic Management Plans with the help of ITS and ICT
  - Urban street design with smart road infrastructure elements
  - Road safety assessments
  - Long Term Traffic Plans including Comprehensive Mobility Plan, City Traffic and Transport Plans, Integrated Mobility Plan, Low Carbon Mobility Plan, etc.
  - Smart Public Transport Improvement Plans like city bus improvement / route rationalization, Transit development, BRT, etc.
  - Development of transport hub and multimodal integration with ITS support.
  - Non-motorized (pedestrian, bicycle and cycle rickshaw) mobility plans, Public Bicycle Sharing Schemes, etc.
  - Social and/or environmental impact assessments
  - Financial Assessments
  - Virtual mobility related studies like carbon savings from internet shopping, car pooling, car sharing, telecommuting school travel planning etc.
  - Marketing, promotion and outreach for public transport system to promote use of public transport.
- c. Plan, design and monitor (Project Management Consultancy) for traffic and transport projects efficiently
- d. Stakeholders and public opinion on detailed studies which are approved in smart city scheme.
- III. WPM will assist the AMC through required consultation and advisory inputs relevant to the development of Aurangabad under the smart cities initiative.
- IV. WPM will also assist the AMC through the process of "City Challenge" competition and thereby support the city to get designated as a smart city.



*Ashish*

*[Signature]*



## 2.2 AMC's Responsibilities

- I. AMC will appoint a nodal officer who will be the contact point for the interaction with the AMC and will also be responsible for the smart city initiative.
- II. AMC will allow WPM to conduct smart city and project specific workshops/ Conferences / Conclaves / Discussions as and when needed
- III. The nodal officer and the consultants appointed by the AMC will work jointly with WPM to drive the smart city initiative for Aurangabad.
- IV. AMC shall provide available past reports, raw data to avoid excess cost of conducting repetitive assignments.
- V. AMC shall ensure handing over all the details as per the detailed agreement.

## 3. Business Model

Parties will agree to the exact business model as part of the definitive agreement at a later date once the further details are worked out under Smart City Mission.

## 4. Terms and Termination

Both the Parties can terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance in any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason.

This MOU is issued solely for the purpose of communicating the intent on part of the Parties to transact business with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement.

If no Contract / Definitive Agreement is consummated, then this MOU shall be treated as null and void.

## 5. Other Terms

### 5.1 Sharing of Information

As may be appropriate from time to time, each Party may share information with the other on a regular basis regarding the arrangement under this MoU. Both Parties will be solely and entirely responsible for any third party information or materials, that they will share with each other, with regards to its requisite rights, authorizations or agreements, in place, enabling accessibility and usage of such information.



*Abhishek*

*[Signature]*



## 5.2 Confidentiality

The Parties agree and acknowledge that sensitive information and confidential data will be exchanged between the Parties pursuant to this MoU. Such data will be marked confidential ("Confidential Information") Each Party agrees that it will maintain confidentiality of the Confidential Information disclosed to it by the other Party under this MoU and will ensure that this clause is strictly adhered to by its officers, employees, agents, consultants, sub-consultants and representatives. In case of expiry or termination of this MoU, each Party will promptly return or destroy all confidential information to the disclosing Party upon request after expiry / termination of this MoU.

## 5.3 Expense

Unless otherwise specifically agreed to in writing by the Parties for implementing the Scope of Services, each Party will bear the respective costs of carrying out the obligations under this MOU.

## 5.4 Counterparts

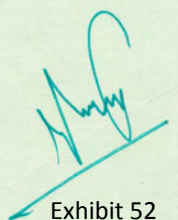
The Memorandum of Understanding (MoU) may be signed in any number of counterparts, all of which taken together will constitute one and the same instrument. WPM and AMC any enter into the Memorandum of Understanding (MoU) by signing any such counterpart and each counterpart may be signed, executed and transmitted by facsimile transmission and will be as valid and effectual as if executed as an original.

## 5.5 Entire Agreement

This MoU contains the entire understanding between the Parties hereto and supersedes all prior arrangements, understanding and agreements, written or oral, on the subject hereof. Any part of this MoU which is not enforceable due to any reason whatsoever will be deemed to be inoperative and the rest of the MoU will continue to be valid and binding on the Parties hereto.

## 5.6 Representation

Each Party hereby represents to the other that it has all necessary power and authority to execute and deliver this MoU.





**5.7 Cooperation**

WPM and AMC acknowledge that they have entered into the MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

**5.8 Liabilities**

This MoU shall attract no liability whatsoever to either of the Parties.

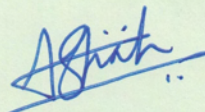
**5.9 Governing Law**

The MoU shall be governed by laws of India.

In witness whereof, the undersigned Parties have executed this MoU as of the date indicated above.

On Behalf of

Walter P Moore Engineering India Pvt Ltd

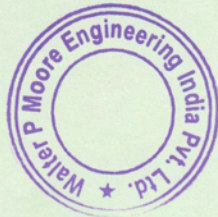
By: 

Name: Abhijit Shah

Title: Director of India Operations

Date: June 7, 2016

Witness:



1. Signature

Name .....

Address .....

.....

.....

On Behalf of

Aurangabad Municipal Corporation (AMC)

By: 

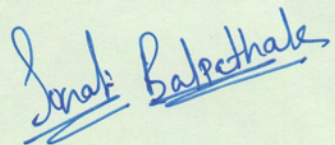
Name: Om Prakash Bakoria

Title: Municipal Commissioner,

Aurangabad Municipal Corporation

Date: June 7, 2016

2. Signature



Name Sonali Balpathak.....

Address 111, Chaitra Nagar,.....

Kothrud, Pune - 411038.....

.....





Date: 24/06/2016

To,  
**The Municipal Commissioner,**  
Aurangabad Municipal Corporation,  
Maharashtra, India.

**Kind Attention: Shri. Omprakash Bakoria, IAS.**

**Subject:** Expression of Interest to AMC's smart city initiative.

Dear Sir,

We at Shapoorji Pallonji Group would like to take this opportunity to congratulate you and the entire AMC team on the ambitious plan to transform Aurangabad into an ideal smart city with best in class infrastructure services. We understand that Aurangabad City is envisaging a Green Field Area Development, in Chiklathana Area in close proximity to AURIC City of Shendra DMIC node, adapting all Smart framework as well as ICT driven Pan City Solutions for Urban Mobility, Security and Surveillance System, Waste Management system across the city.

We would like to introduce ourselves, **M/s Shapoorji Pallonji & Co. Pvt. Ltd (SPCPL)**, a construction company established in **1865**. Over the years, we have established our footprint across India and in overseas markets and have developed capabilities in all areas of urban infrastructure including Design, Engineering, Construction, Operation and Maintenance services.

Shapoorji Pallonji has built diverse civil and structural engineering projects like automobile plants, factories, nuclear research establishments, educational institutions, stadia, hotels, hospitals, skyscrapers, townships, Intake Pump house, Pipelines, water & sewerage treatment plants, roads, expressways, power plants, ports airports etc.

These projects and more showcase Company's expertise in not just constructing buildings, but creating landmarks. Today, with an impressive track record of excellence in all the segments of construction, we have earned the reputation of being a high quality, resource rich, technology driven construction entity.

Being the First Indian Construction Company to be ISO 9001-2000 certified, Today, SPCPL has an Integrated Quality Management Systems with Strong HSE Focus with a group turnover of **4 Billion USD (INR 27,000 Crs)**.

At Shapoorji Pallonji, we have always been conscious of the impact of our footprint, to our environment and to the society therefore we follow Sustainable Construction Practices. Using local resources, eliminating waste, re-use and re-cycle are philosophies that have been embedded into our work processes.

We take pride in counting the creme de la creme of manufacturing, services and other industries as our esteemed clients. Our prestigious projects like the Tata Motors Nano' Plant, India's first LEED Certified



**Shapoorji Pallonji And Company Private Limited**

Corporate Office: SP Centre, 41/44, Minoo Desai Marg, Colaba, Mumbai,  
Maharashtra, India - 400 005 (T) 67490000 (F) 66338176 www.shapoorji.in  
Regd. Office: 70, Nagindas Master Road, Fort, Mumbai - 400 023.  
CIN: U45200MH1943PTC003812



**ENGINEERING &  
CONSTRUCTION**



Exhibition Center, Imperial Towers - Tallest residential Twin Towers in India, state of art Subrato Roy Sahara Cricket Stadium, Jawaharlal Nehru CWG Stadium, Taj Palace Hotel, Birla Residential School at Bangalore & the Jaypee F1 Race Track stand as proud testimonies of the abilities and the faith reposed in us by our clients.

These projects stand as proud testimonies of the abilities and the faith reposed in us by our clients. We always operate with the highest levels of integrity and responsibility so as to build on the trust that we have earned over the years. SPCPL's every act demonstrates not only the core & service values but also the customer's very basic expectations and with SP it is a rendezvous with Trust, Experience and Quality.

It also gives us immense pleasure to inform you that we the Development Partner to DMIC/ engaged in development of Shendra Node in Aurangabad. We are also engaged in similar initiatives in Greater Noida for DMIC.

In view of the above as well as our discussions and understanding of the proposed Smart City Initiatives of Aurangabad, we at SP Group our interest in collaborating / associating with you to make this initiatives into a successful model of development that can be replicated elsewhere. We, at SP group, have the requisite capabilities and experience in providing One Stop Solutions for whole development program. Some of specific areas of our interest to associate with you would be;


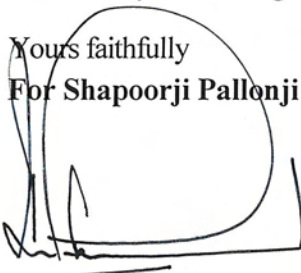
1. Partner you in Area Development Project including development of infrastructure and Services
2. Real Estate development particularly the development of Central Business District and Housing
3. Provide Smart Solutions for Power, Waste Management, Urban Mobility, Waste Water Recycling and Surveillance system.

SP group will be delighted to support AMC in its Smart City initiatives in all respect and seeks a deeper engagement at your convenience to drive this forward. The terms of our association could be mutually arrived at appropriate time.

We thank you once again for soliciting our participation and wish you all the success in your endeavor.

Yours faithfully

For Shapoorji Pallonji & Co. Pvt. Ltd.



**Reby Thomas**

**Head -Water & Urban Infrastructure**

Email:reby.thomas@shapoorji.com



**ENGINEERING &  
CONSTRUCTION**

Date: 28/06/2016

To,  
**The Municipal Commissioner,**  
Aurangabad Municipal Corporation,  
Maharashtra, India.

**Kind Attention: Shri. Omprakash Bakoria, IAS.**

**Subject:** Expression of Interest to AMC's smart city initiative

Dear Sir,

We at Tech Mahindra would like to take this opportunity to congratulate you and the entire AMC team on the ambitious plan to transform Aurangabad into an ideal smart city with best in class infrastructure services. We understand that Aurangabad city is envisaging a Green Field Area Development, in Chiklathana Area in close proximity to AURIC City of Shendra DMIC node, adapting all Smart framework as well as ICT driven PAN City Solutions for Urban Mobility, Security and Surveillance System, Waste Management system across the city.

We would like to introduce ourselves, Tech Mahindra Limited, an Indian multinational provider information technology (IT), networking technology solutions and Business Process Outsourcing (BPO) to various industries. It is a specialist in digital transformation, consulting and business re-engineering solutions. Anand Mahindra is the founder of Tech Mahindra, which is headquartered at Pune, India.

Part of the Mahindra Group, Tech Mahindra is a US\$4.2 billion company with 105,000+ professionals across 90 countries. It provides services to 800 global customers including several Fortune 500 companies. It is also one of the Fab 50 companies in Asia, a list compiled by Forbes. Tech Mahindra is ranked #5 in India's





software services (IT) firms and is assessed at SEI CMMI Level 5 and ISO 9001:2008 certified.

We would also like to highlight some of the Smart City solutions we have in our portfolio -

1. Security & Surveillance – CCTV, Access Control, Emergency Call/ Alarm Systems.
2. Smart Solutions – Smart Parking, Smart Waste Management, Smart Water Management, Building Energy Management Solutions, Smart Metering, Smart Transport, Smart Street Lighting, Digital Signage & Way-Finding/ Smart Kiosks, Smart Irrigation, Smart E-Governance, Environment/ Air Quality Monitoring.
3. Command & Control Center.
4. Network Backbone, Wi-Fi.
5. Operations Center.

Tech Mahindra's capabilities around Smart City Solutions are demonstrated by the various implementations across national and international arenas.

To quote few examples –

- We are engaged to help Dubai in its quest of becoming the Happiest City globally via Innovation using Smart Digital Technologies.
- Implemented Centralized Demo Command Center for 24\*7 Monitoring & Controlling of facilities in Jaipur.
- Helped build surveillance network comprising of 280 IP CCTVs, 40 Automatic Number Plate Recognition cameras, Video Analytics, and Command Control Centre in Lucknow. These are built with the singular objective of controlling crime in the city.
- Engaged in developing innovative solutions to support economic growth in Milton Keynes.

These projects stand as proud testimonies of the abilities and the faith reposed in us by our clients. We always operate with the highest levels of integrity and responsibility so as to build on the trust that we have earned over the years. Tech Mahindra's every act demonstrates not only the core and service values but also the customer's very basic expectations which strengthen their trust and confidence.

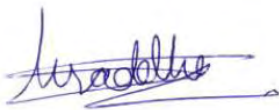
Also at Tech Mahindra, we have always been conscious of the impact of our footprint, to the environment and to the society therefore we follow Sustainable Development Practices. Using organic resources, eliminating wastes, re-use and recycle are philosophies that have been embedded into our work processes. Tech Mahindra is a strategic partner at WEF, working towards making an impact beyond commercial objectives.

We too have a very strong partnerships with all technology power houses. The Partner Program at Tech Mahindra is committed towards building a synergistic relationship between Tech Mahindra and its partners that enables us to deliver a complete and customized solution to our customers.

Tech Mahindra will be very delighted to support AMC in its Smart City initiatives in all respect and seeks a deeper engagement at your convenience to drive this forward. The terms of our association could be mutually arrived at appropriate time.

We thank you once again for soliciting our participation and wish you all the success in your endeavor.

Yours faithfully  
**Tech Mahindra Limited.**



**Shraddha Agrawal**  
**Manager – Sales & Business Development**  
Email: Shraddha.Agrawal@techmahindra.com





501, 5th floor, DOSTI PINNACLE  
PLOT NO. E/7, ROAD NO. 22  
WAGLE M.I.D.C., THANE (WEST) - 400 604  
MAHARASHTRA, INDIA  
Tel: 0091 22 4192 9300 \* Fax: 0091 22 4192 9319  
E-MAIL: [unitop@unitopaquacare.com](mailto:unitop@unitopaquacare.com)  
WEB: <http://www.unitopaquacare.com>

---

June 28, 2016

Municipal Commissioner,  
Aurangabad Municipal Corporation  
Aurangabad

Dear Sir,

It gives me immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. I also thank you for inviting our participation and suggestions for implementation water management solutions using modern technologies. I strongly believe that this initiative will greatly benefit city particularly considering the Water Scarcity faced by Marathwada Region time and again.

We are also aware that Aurangabad is one of the important hubs for brewery industry where Water Management through Zero discharges is a well desired imperative.

**Unitop Aquacare** is one of the leading companies in the field of Zero Liquid Discharge Evaporators and Caustic Recovery Plant from last 4 decade having more than 300 installations in various countries like China, Spain, Hungary, China, Indonesia, Pakistan, Bangladesh, and Thailand, Sri Lanka.

Unitop have executed projects with Top International and National Consultant such as Flour Daniel, Mott Macdonald, Aker Solutions, Engineers India Ltd, Tata Consulting Engineers, M N Dastur etc.

We are the trusted partner for Evaporators for Water Treatment Companies like Thermax, Nalco, Murugappa Group, Aqua Design etc.

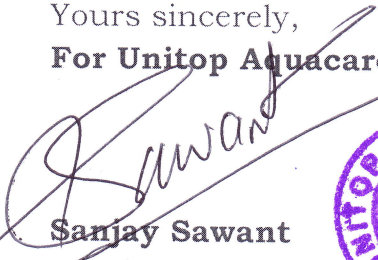
Evaporators helps to recover the water from RO reject / Effluent in more efficient manner to avoid the water pollution and moreover recovers water

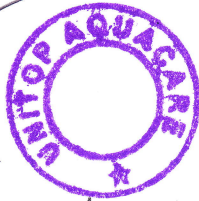
which is reused back to the process / utility requirements which reduces the requirement of fresh water.

We would be pleased to associate with AMC for providing end to end solutions in Water Management for the City

We extend our best wishes and remain committed to this initiative of making Aurangabad a Smart City with strong culture in conservation of natural resources

Yours sincerely,  
**For Unitop Aquacare**

  
**Sanjay Sawant**  
**General Manager**  
**Business Development**





Date 28.06.2016

Ref. 22/55/ADMN/SAI/WTC/2016/296.

To,

The Municipal Commissioner,  
Town Hall, Municipal Corporation, Aurangabad  
Aurangabad-431 001

Subject: Letter of Support for Aurangabad Smart City Initiative under Smart City  
Mission.

Dear Sir,

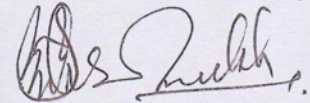
It gives me immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. I also thank you for inviting our participation and support for development of international standards of Sports Infrastructure in the proposed Green Field Area Based Development at Chikalathana Area. I strongly believe that this initiative of establishing a sports infrastructure is a socially inclusive approach that will promote a culture of health consciousness through sports as well as encourage Sports Tourism in the city.

Further, I am writing to express that SAI shall extend all our support in terms of technical advice, whenever required by AMC for planning and implementation of sports at Chikalathana Area, as elaborated AMC letter No. AMC/WARD/E&F/UIDSSMT/276/2016 dated 27/06/2016 and be part of the process to convert our aspirations into reality.

We extend our best wishes and remain committed to this initiative.

With regards,

Yours sincerely,



( V. BHANDARKAR )  
DY. DIRECTOR





LET US <sup>RISE</sup> ABOVE THE REST



MSP MANDAL'S

# DEOGIRI INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES

(Approved By AICTE, DTE and Govt. of Maharashtra affiliated to DR. B.A.M. University, Aurangabad.)

Deogiri College Campus, Railway Station Road, Aurangabad - 431 005. (M.S.)

Phone : 0240-2367575, Fax : 0240-2367577 Website : www.dietms.org email : admin@dietms.org

Ref. No. DIEMS / 20 15-2016

Date : 27/06/2016

To,  
The Municipal Commissioner,  
Town Hall, Municipal Corporation, Aurangabad  
Aurangabad-4310001

**Subject: Letter of Support for Aurangabad Smart City Initiative  
under Smart City Mission**

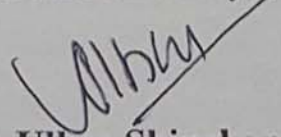
Dear Sir,

It gives me immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. I also thank you for inviting our participation and suggestions through focused group discussions as well as soliciting online suggestions to understand the aspirations and ideas of the citizens. I strongly believe that this initiative will greatly benefit city /citizens in the long run

Further, I am writing to express our continued support to AMC for proposed "Smart City project" and be part of the process to convert our aspirations into reality.

We extend our best wishes and remain committed to this initiatives.

Yours sincerely,

  
Dr. Ulhas Shiurkar  
Director





## Jawaharlal Nehru Engineering College

REF.JNEC/2016/MCA/33

DATE: 27<sup>th</sup> June 2016

To,  
The Municipal Commissioner,  
Town Hall, Municipal Corporation, Aurangabad  
Aurangabad-4310001

**Subject: Letter of Support for Aurangabad Smart City Initiative  
under Smart City Mission**

Dear Sir,

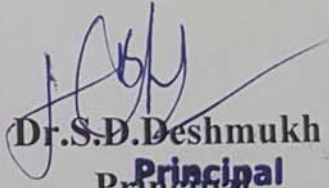
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Further, I am writing to express our continued support to AMC for proposed "Smart City project" and be part of the process to convert our aspirations into reality.

We extend our best wishes and remain committed to this initiatives.

Yours sincerely,



  
**Dr.S.D.Deshmukh**  
**Principal**  
MGM's Jawaharlal Nehru Engg. Colleg  
N-6, CIDCO, Aurangabad



Shreeyash Pratishthan's

# Shreeyash College of Engineering & Technology, Aurangabad



(An ISO 9001 : 2008, Certified Institute)

Approved by : AICTE, New Delhi. Recognised by : Govt. Of Maharashtra & DTE, Mumbai  
Affiliated to : Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (Institute Code 2112)

Ref. SYCET / Admin / 2016

Date : 26/06/2016

To,  
**The Municipal Commissioner,**  
Town Hall, Municipal Corporation, Aurangabad  
Aurangabad-4310001

**Subject: Letter of Support for Aurangabad Smart City Initiative  
under Smart City Mission**

Dear Sir,

It gives me immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. I also thank you for inviting our participation and suggestions through focused group discussions as well as soliciting online suggestions to understand the aspirations and ideas of the citizens. I strongly believe that this initiative will greatly benefit city /citizens in the long run

Further, I am writing to express our continued support to AMC for proposed "Smart City project" and be part of the process to convert our aspirations into reality.

We extend our best wishes and remain committed to this initiatives.

Yours sincerely,



**Dr. Uttam Kalwane**  
Director





G.S. Mandal's

**MARATHWADA INSTITUTE OF TECHNOLOGY  
AURANGABAD**

Approved by All India Council for Technical Education (AICTE), New Delhi  
Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Ref. No. MIT/2016

Date:- 27/6/2016

To,  
The Municipal Commissioner,  
Town Hall, Municipal Corporation, Aurangabad  
Aurangabad-4310001

**Subject: Letter of Support for Aurangabad Smart City Initiative  
under Smart City Mission**

Dear Sir,

It gives me immense pleasure to appreciate Aurangabad Municipal Corporation for its efforts in preparing a good proposal for transforming Aurangabad into a Smart and Vibrant City. I also thank you for inviting our participation and suggestions through focused group discussions as well as soliciting online suggestions to understand the aspirations and ideas of the citizens. I strongly believe that this initiative will greatly benefit city /citizens in the long run

Further, I am writing to express our continued support to AMC for proposed "Smart City project" and be part of the process to convert our aspirations into reality.

We extend our best wishes and remain committed to this initiatives.

Yours sincerely,

**Dr. Jagdish H. Godihal**

**Principal**

**M. I. T.**

**Aurangabad**

MIT Campus, Beed Bypass Road, Aurangabad – 431 010 (M.S.); India. Phone (Principal): (0240) 2375111,

(Office): 2375375, 2375155; Fax: (0240) 2376154. E-mail: principal.mite@mit.asia;  
jagdish.godihal@mit.asia Website: www.mit.asia

सहदुय्यम  
निबंधक क्र १  
औरंगाबाद  
यांची मुद्रा

अ ग ग १		
४७०७	१	१४९
२०११		

1

औरंगाबाद महानगरपालिका

व

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित

औरंगाबाद पाणी पुरवठा योजना

दि २२ सप्टेंबर, २०११

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-

प्राधिकृत हस्ताक्षरकर्ता

सही /-

आयुक्त महानगरपालिका औरंगाबाद



## सवलत करार

हा करार ई. स. २०११ च्या सप्टेंबर महिन्याच्या दि बावीस रोजी, औरंगाबाद, महाराष्ट्र भारत येथे

मा. आयुक्त प्रतिनिधित्व करीत असलेली औरंगाबाद महानगरपालिका (संदर्भाला सोडून नसल्यास, यानंतर ज्यांचा उल्लेख औरंगाबाद मनपा असा होणार असून, त्यामध्ये त्यांचे वारस व अनुज्ञात अभिहस्तांकितांचा समावेश असेल)

### आणि

श्री ऋषभ सेठी व श्री व्यंकटरमणा प्रतिनिधित्व करीत असलेली व १९५६ च्या कंपनी कायद्याअन्वये नोंदणीकृत असलेली व पंजीकृत कार्यालय २०६ मार्तड इमारत, कॅनरा बँकेच्या वर, डॉ अॅनी बेझंट रस्ता वरळी नाका मुंबई असलेल्या औरंगाबाद शहर जल सुविधा कंपनी लिमिटेड (संदर्भाला सोडून नसल्यास, यानंतर ज्यांचा उल्लेख सवलतधारक असा होणार असून, त्यामध्ये त्यांचे वारस व अनुज्ञात अभिहस्तांकितांचा समावेश असेल) यांचेमध्ये करण्यात आला आहे.

ह्यानंतर औरंगाबाद मनपा व सवलतधारक यांचा उल्लेख संयुक्तपणे "उभयपक्ष " व व्यक्तिशः "पक्ष " असा केला जाईल.

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-  
प्राधिकृत हस्ताक्षरकर्ता

सही /-  
आयुक्त महानगरपालिका औरंगाबाद

सहदुय्यम  
निबंधक क्र १  
औरंगाबाद  
यांची मुद्रा

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४७०७	१	१४९
२०११		

13

अ ग ग १
४७०७ / ७ / १४९
२०११

ग्राहकाची प्रत  
ठेव शाखा दि २२.९.११  
औरंगाबाद  
अकोला नागरी सहकारी बँक  
मर्यादित, अकोला फ्रँन्किंग खाते

फ्रँन्किंगचे मूल्य रु ५०००००  
सेवा शुल्क रु १०  
एकूण रु ५०००१०

मुद्रांक शुल्क भरणाऱ्या पक्षाचे  
नाव :  
औरंगाबाद शहर पाणी पुरवठा  
कंपनी लिमिटेड  
रोख भरणा केला

ड्राफ्ट / चेक क्र  
बँकेचे नाव  
बँकेच्या उपयोगाकरिता  
व्यवहार कोड क्र : ७७४२१  
फ्रँन्किंग अनुक्रमांक :  
अधिकारी : सही /-

दुय्यम निबंधक  
औरंगाबाद क्र १  
यांचा शिक्का

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-  
प्राधिकृत हस्ताक्षरकर्ता

सही /-  
आयुक्त महानगरपालिका औरंगाबाद



अ ग ग १		
४७०७	१	१४९
२०११		

**ज्याअर्थी :**

- अ) औरंगाबाद मनपा ही मुंबई प्रांतिक महानगरपालिका अधिनियम १९४९ अन्वये अस्तित्वात आलेली एक वैधानिक संस्था असून ती मुंबई प्रांतिक महानगरपालिका अधिनियम १९४९ अन्वये विहित बंधनकारक व मुखत्यारी स्वरूपाची कर्तव्ये निभावीत असते.
- आ) औरंगाबाद मनपा ६ (सहा) प्रशासकीय विभागातील ३७० (तीनशे सत्तर) कर्मचाऱ्यांच्याद्वारे पाणी पुरवठा सेवा संचालित करित असते. पाणी पुरवठा विभाग हा ह्या सेवेचे भांडवली स्वरूपाचे काम, त्याचे दैनंदिन प्रचालन, तो सुस्थितीत ठेवणे, औरंगाबाद शहराला पाणी पुरवठा करणे व तदनुषंगिक बिले व रकमा जमा करणे यासाठी जबाबदार आहे.
- इ) औरंगाबाद मनपा आजघडीला स्रोत पातळीवर १५६ (एकशे छप्पन) एमएलडी पाणी उचलत आहे. आजघडीला औरंगाबाद मनपा त्यांच्या अखत्यारीतील सुमारे १००००० (एक लाख) पाण्याची जोडणी असणाऱ्या ग्राहकांना वार्षिक सरसकट दराने पाणीपट्टी आकारत आहे. औरंगाबाद मनपा ने आपल्या पाणी दर आकारणी यंत्रणेचे संगणकीकरण केले आहे, पण संकलन यंत्रणा व संगणकीकृत पावत्या जारी करण्याच्या यंत्रणेचे एकत्रीकरण अद्याप अमलात आलेले नाही. औरंगाबाद मनपा च्या तांत्रिक सल्लागाराने तयार केलेल्या जुलै २००७ दिनांकाच्या जल लेखापरीक्षा अहवालानुसार बिनमहसुली पाणी, प्रक्रिया केलेल्या एकूण पाणी पुरवठ्याच्या सुमारे ५०% आहे. प्रत्यक्ष गळती ३३% (तेहतीस टक्के) (वितरणातील पाणी गळती) असून प्रथमदर्शनी / व्यापारी गळती सुमारे १७% (सतरा टक्के) आहे. (अनधिकृत उपयोग व मोफत पुरवठा)
- ई) सेवा पातळीवर पाण्याची उपलब्धता व गुणवत्ता सुधारण्यासाठी औरंगाबाद मनपा ने औरंगाबाद शहरासाठी एका बहुसामावेशक पाणीपुरवठा योजनेची आखणी केली आहे. योजनेच्या इतर उद्देशाबरोबरच १) बेकायदेशीर जोडण्या हुडकून, त्या नियमित करून, त्याचे

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-  
प्राधिकृत हस्ताक्षरकर्ता

सही /-  
आयुक्त महानगरपालिका औरंगाबाद

अ ग ग १		
४७०७	१	१४९
२०११		

मिटर्रीकरण करून, देयके व संकलन प्रणालीत सुधारणा करून पाणी पुरवठा प्रणालीतील वाणिज्यिक गळती कमी करणे व गळती व्यवस्थापनाद्वारे तांत्रिक गळती थांबवून बिनमहसुली पाण्याचे प्रमाण कमी करणे २) ह्या करारात नमूद मर्यादेपर्यंत व पद्धतीनुसार, वहन व वितरण यंत्रणेचे नवीनीकरण व विस्तार करणे औरंगाबाद मनपा ने समांतर पाणीपुरवठा यंत्रणा कार्यान्वित केली असून ती केंद्रीय नगरविकास मंत्रालयाच्या "छोट्या व मध्यम शहरांसाठी नागरी पायाभूत सुविधा विकास कार्यक्रमा" (UIDSSMT ) अंतर्गत, २००६ मध्ये केंद्रीय नगरविकास मंत्रालयाला सदर केली आहे. त्यानुसार UIDSSMTने २००९ मध्ये ही समांतर पाणी पुरवठा योजना मंजूर केली आहे. ह्या योजनेची दोन पूरक अंगे आहेत : १) पाणी प्रक्रिया केंद्राबरोबर नवीन घाऊक पाणी पुरवठ्याची नलिका बांधून काढणे व २) ह्या करारात नमूद मर्यादेपर्यंत व पद्धतीनुसार वितरण यंत्रणेचे नवीनीकरण व विस्तार करणे

उ) मुंबई प्रांतिक महानगरपालिका अधिनियम १९४९ अन्वये आपले वैधानिक कर्तव्य निभावण्यासाठी व ह्या अधिनियमाच्या कलम ६६ (अ) ला अनुसरून, हा प्रकल्प खासगी क्षेत्राच्या सहभागाने , सार्वजनिक – खासगी भागीदारी तत्वावर हाती घेण्याचे औरंगाबाद मनपा ने योजले आहे व ह्या योजनेला मूर्त रूप देण्यासाठी इतर गोष्टींप्रमाणे, सर्वसाधारण सभेने ऑगस्ट १८, २००९ च्या विषय क्र ५५४ अन्वये ठराव मंजूर केला आहे.

ऊ) औरंगाबाद मनपा ने सप्टेंबर १०, २००९ रोजी प्रचलित कायदानुसार स्पर्धात्मक निविदा प्रक्रिया सुरु केली. एप्रिल ८, २०११ रोजी एसपीएमएल इन्फ्रा लिमिटेड व व्हीए –टेक वाबॅंग व राष्ट्रीय जल व मलनिस्सारण महामंडळ (संघ) यांना "प्राधान्य बोलीदार " म्हणून हा प्रकल्पाची अंमलबजावणी करण्यासाठी निवडण्यात आले असून, त्यानुसार संघाने एक प्राधान्य बोलीदार या नात्याने सवलतधारकाची एक विशेष कार्य साधन म्हणून स्थापना केली आहे.

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-  
प्राधिकृत हस्ताक्षरकर्ता

सही /-  
आयुक्त महानगरपालिका औरंगाबाद



अ ग ग १		
४७०७	१	१४९
२०११		

- ऋ) सवलतधारकाची एक विशेष कार्य साधन म्हणून स्थापना केली असून हा प्रकल्प अंमलबजावणी करण्यासाठी ह्या करारातील नमूद केलेल्या सेवा पुरविण्यासाठी, त्याचे १९५६ च्या कंपनी कायदानुसार नोंदणीकरण करण्यात आले आहे.
- ल) औरंगाबाद मनपा व सवलतधारक यांचे दरम्यान मुंबई प्रांतिक अधिनियम १९४९ ह्या कायद्याच्या तरतुदींना अनुरूप असा हा करार करण्यात येत असून, त्यानुसार औरंगाबाद मनपा ने ह्या करारानुसार सवलतधारकाची ह्या प्रकल्पाची अंमलबजावणी करण्यासाठी नियुक्ती करावयाची आहे.

अतएव ह्या करारात समाविष्ट केलेल्या सर्व उभयपक्षी प्रसंविदा, वचने, आश्वासने, निवेदने व तरतुदींचा विचार करून उभय पक्ष खालीलप्रमाणे सहमती व्यक्त करतात की :

### १) व्याख्या व अर्थउकल

#### १.१ ) व्याख्या :

ह्या करारपत्रात वापरलेल्या व्याख्या व संज्ञा, अन्यथा विशिष्ट तरतूद अथवा अनुसूची अंतर्गत उल्लेख असल्याशिवाय (प्रास्ताविकासह), यांना अनुसूची १ मध्ये व्यक्त केलेला अर्थ असेल.

#### १.२ ) अर्थउकल

ह्या करारात अन्यथा तरतूद असल्याशिवाय :

अ) कलमे, पोटकलमे, परिच्छेद, व अनुसूची यांचा असलेला उल्लेख हा ह्या करारातील कलमे, पोटकलमे, परिच्छेद, व अनुसूची यांचाच असेल.

आ) कुठल्याही लिंगाचा उल्लेखात इतर लिंगाचाही समावेश असेल.

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-  
प्राधिकृत हस्ताक्षरकर्ता

सही /-  
आयुक्त महानगरपालिका औरंगाबाद

सहदुय्यम  
निबंधक क्र १  
औरंगाबाद  
यांची मुद्रा

अ ग ग १		
४७०७	१	१४९
२०११		

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दस्त हजार केल्याचा दि - ३१.१०.२०११ ०१.२९

निष्पदानाचा दिनांक - ३१.१०.२०११

दस्त हजर करणाराची सही : स्वाक्षरीत

दस्ताचा प्रकार : ४८) करारनामा किंवा कराराचा अभिलेख

शिक्षा क्र १ ची वेळ : (सादरीकरण ३१.१०.२०११ ०१.२९ दु

शिक्षा क्र २ ची वेळ : फी ३१.१०.२०११ १.४० दु

शिक्षा क्र ३ ची वेळ : कबुली ३१.१०.११ १.४० दु

शिक्षा क्र ४ ची वेळ : ओळख ३१.१०.२०१ १.४७ दु

महानगरपालिका औरंगाबाद तर्फे कार्यकारी

अभियंता श्री सखाराम धोंडीबा पानझाडे

३००००.०० नोंदणी फी

२९८०.०० नक्कल (अ. ११(१) पृष्ठांकनाची

रुजवात (अ-१२) छायाचित्र (अ-१३)

एकत्रित फी

३२९८०.०० एकूण

दस्त नोंद केल्याचा दि. ३१.१०.२०११ १.४८ दु

ओळख : खालील इसम असे निवेदित करतात की ते दस्तऐवज करून देणाऱ्यांना व्यक्तिशः

ओळखतात व त्यांची ओळख पटवितात

स्वाक्षरीत

नाव : जायेभाये सूर्यकांत सुभानराव

पत्ता : घर / फ्लॅट क्र

गल्ली / रस्ता

इमारतीचे नाव :

इमारत क्र :

पेठ / वसाहत : पुंडलिकनगर

शहर / गाव : औरंगाबाद

स्वाक्षरीत

नाव : सिद्ध जगदीश कन्हैयालाल

पत्ता : घर / फ्लॅट क्र

गल्ली / रस्ता

इमारतीचे नाव :

इमारत क्र :

पेठ / वसाहत : धावणी मोहल्ला

शहर / गाव : औरंगाबाद

स्वाक्षरीत

दुय्यम निबंधक

औरंगाबाद १

१ले बुकचे ४७०७ नंबरी नोंदला. दि. ३१.१०.२०११

प्रमाणित करण्यात येते की या दस्तामध्ये एकूण १४९

पाने आहेत.

औरंगाबाद शहर पाणी सुविधा कंपनी मर्यादित करिता

सही /-

प्राधिकृत हस्ताक्षरकर्ता

सही /-

आयुक्त महानगरपालिका औरंगाबाद





# महानगरपालिका औरंगाबाद

दूरध्वनी क्र.(०२४०) २३३३५३६-४०, २३४८०१-०५ (PBX) फॅक्स क्र. (०२४०) २३३१२१३

कार्यकारी अभियंता (इ व फ) विभाग

" कार्यादेश "

जा. क्र./मनपा/स्लम/२०१५/ ३९०

दिनांक : २०/०२/२०१५

प्रति,  
मे. अशोक कन्स्ट्रक्शन अॅन्ड जे.व्ही.  
एन-४, एफ-४४, सिडको,  
औरंगाबाद.

विषय :- औरंगाबाद पर्यटन मेगा सर्किट अंतर्गत पर्यटन स्थळांकडे जाणाऱ्या रस्त्यांचे दुभाजकांचा विकास व सुशोभीकरण करणे बाबत.

संदर्भ :- आपली निविदा दिनांक २६.१२.२०१४ (अंदाजपत्रक र.रु. १,८१,६५,५५०/-)

वरील विषयी आपणांस कळविण्यात येते की, आपली निविदा अंदाजपत्रकीय दरापेक्षा १७.३१% कमी (Below) दराने स्विकृती करण्यात आलेली असून, आपण सदर कामाची २% अनामत रकमेपोटी बॉम्बे मर्कटाईल बँकेचे एफ.डी.आर. क्रमांक ४९४४६, दिनांक ०३.०२.२०१५ अन्वये रुपये ३,६३,३११/- चा भरणा केलेला आहे. तसेच ५% अतिरिक्त सुरक्षा अनामत रक्कम देयकातून कपात करणे बाबत विनंती केलेली असून नियमानुसार रुपये १७,३००/- च्या मुद्रांकावर करारनामा करून दिलेला आहे.

करीता आपण स्लम विभागाशी संपर्क साधून संबंधित शाखा अभियंता यांचेकडून प्रत्यक्ष कामाची आखणी करून घ्यावी व निविदेत दिलेल्या कालावधीत म्हणजेच २४ महिन्यात काम पूर्ण करावे. सदर काम निविदेत दिलेल्या स्पेसिफिकेशन प्रमाणे करून कामाचा दर्जा मानकाप्रमाणे ठेवावा. काम पूर्ण करतांना कामाच्या प्रगतीची टक्केवारी खालील प्रमाणे असावी.

कामाची मुदत	कामाची प्रगती	कामाची मुदत	कामाची प्रगती
१/४ काम	२५ %	१/२ काम	५० %
३/४ काम	७५ %	पूर्ण वेळ	१०० %

तरी वरील कालावधीत मुदतीच्या आत सदरील काम पूर्ण करावे. आपणांकडून वरील कालावधीत व वरील टक्केवारीप्रमाणे काम पूर्ण न झाल्यास पुढील कालावधीकरीता आपणांविरुद्ध दंडात्मक कार्यवाही करण्यात येईल याची नोंद घ्यावी. तसेच उपरोक्त कामाचा व कामावर निधुक्त मजूरांचा/मुकादम यांचा देखील विमा शासकीय विमा निधी कार्यालयाकडून उतरविण्यात यावा. तसेच निविदा कामासाठी कामगार कल्याण उपकरापोटी १% एवढी रक्कम कपात करण्यात येईल.

Received  
For M/S Ashok Const. & J.V.

कार्यकारी अभियंता

वार्ड इ व फ

महानगरपालिका औरंगाबाद

16/2/2015  
Am  
16/2/2015

याची एक प्रत : श्री एस.एस. रामदासी, सहा. अभियंता यांना देवून सूचित करण्यात येते की, उपरोक्त काम संबंधित ठेकेदाराकडून निविदेतील स्पेसिफिकेशन प्रमाणे करून घ्यावे तसेच ५% अतिरिक्त अनामत रक्कम देयकातून कपात करावी, अन्यथा आपणांस जबाबदार धरण्यात येईल याची नोंद घ्यावी.





# महानगरपालिका औरंगाबाद

दूरध्वनी क्र.(०२४०) २३३३५३६-४०, २३४८००१-०५ (PBX) फॅक्स क्र. (०२४०) २३३१२१३

कार्यकारी अभियंता (इ व फ) विभाग  
" कार्यादेश "

275

दिनांक : ०३/०३/२०१४

जा. क्र./मनपा/स्लम/२०१४/६९९

प्रति,  
मे. अशोक कन्स्ट्रक्शन अॅन्ड जे.व्ही.  
एन-४, एफ-४४, सिडको,  
औरंगाबाद.

विषय :- औरंगाबाद पर्यटन मेगा सर्किट अंतर्गत मजनु हील येथील रोज गार्डन विकसीत करणे व सुशोभीकरण करणे बाबत.

संदर्भ :- आपली निविदा दिनांक २१.०२.२०१४ (अंदाजपत्रक र.रु. २,२४,६७,७३८/-)

वरील विषयी आपणांस कळविण्यात येते की, आपली निविदा अंदाजपत्रकीय दरापेक्षा १४.३१% कमी (Below) दराने स्विकृती करण्यात आलेली असून, आपण सदर कामाची २% अनामत रकमेपोटी स्टेट बँक ऑफ हैद्राबाद बँकेचे एफ.डी.आर. क्रमांक ५३१९१८, दिनांक ०३.०३.२०१४ अन्वये रक्कम रुपये ४,५०,०००/- चा भरणा केलेला असून नियमानुसार रुपये २१,६००/- च्या मुद्रांकावर करारनामा करून दिलेला आहे.

करीता आपण स्लम विभागाशी संपर्क साधून संबंधित शाखा अभियंता यांचेकडून प्रत्यक्ष कामाची आखणी करून घ्यावी व निविदेत दिलेल्या कालावधीत म्हणजेच २४ महिन्यात काम पूर्ण करावे. सदर काम निविदेत दिलेल्या स्पेसिफिकेशन प्रमाणे करून कामाचा दर्जा मानकाप्रमाणे ठेवावा. काम पूर्ण करतांना कामाच्या प्रगतीची टक्केवारी खालील प्रमाणे असावी.

कामाची मुदत	कामाची प्रगती	कामाची मुदत	कामाची प्रगती
१/४ काम	२५ %	१/२ काम	५० %
३/४ काम	७५ %	पूर्ण वेळ	१०० %

तरी वरील कालावधीत मुदतीच्या आत सदरील काम पूर्ण करावे. आपणांकडून वरील कालावधीत व वरील टक्केवारीप्रमाणे काम पूर्ण न झाल्यास पुढील कालावधीकरीता आपणांविरुद्ध दंडात्मक कार्यवाही करण्यात येईल याची नोंद घ्यावी. तसेच उपरोक्त कामाचा व कामावर नियुक्त मजुरांचा/मुकादम यांचा देखील विमा शासकीय विमा निधी कार्यालयाकडून उतरविण्यात यावा. तसेच निविदा कामासाठी कामगार कल्याण उपकरापोटी १% एवढी रक्कम कपात करण्यात येईल.

कार्यकारी अभियंता

वार्ड इ व फ २०३/२०१४  
महानगरपालिका औरंगाबाद

याची एक प्रत : श्री मोहमंद वसील, शाखा अभियंता यांना देवून सूचित करण्यात येते की, उपरोक्त काम संबंधित ठेकेदाराकडून निविदेतील स्पेसिफिकेशन प्रमाणे करून घ्यावे, अन्यथा आपणांस जबाबदार धरण्यात येईल याची नोंद घ्यावी.



Government of India  
Ministry of Tourism

Transport Bhawan  
Sansad Marg  
New Delhi 110001  
Dated: 31.03.2013

No.5-PSW (51)/2011

To

Pay & Accounts Officer,  
Ministry of Tourism,  
C-1 Hutments,  
Dalhousie Road,  
New Delhi-110001.

Subject: Development of Aurangabad as a Mega Circuit in Maharashtra.

Sir,

I am directed to refer to the project proposal bearing letter no. MTDC/Works/CFA-2011/1/2011/5554 dated 11.11.2011 received from Director (Tourism), Govt. of Maharashtra & Joint Managing Director, Maharashtra Tourism Development Corporation Ltd, on the above mentioned subject and to convey the sanction of the President of India for Development of Aurangabad as a Mega Circuit in Maharashtra with Central Financial Assistance (CFA) of Rs 2343.20 lakh (Rupees twenty three crore forty three lakh and twenty thousand only) for the under mentioned components:

(Rs. in lakhs)

Sl. No.	Components	Estimated cost
	<b>A.BIBI- KA- MAQBARA</b>	
1.	Signages	6.20
2.	Compound Wall	24.99
3.	Electrification	42.00
4.	Toilet (2 nos.@ 18.53)	37.06
5.	Landscaping and Beautification including lawn lighting	53.37
6.	Tourist Reception Centre	16.47
7.	Pathways (912 sq. m)	5.58
8.	Parking Area (8162 sq. m)	107.95
9.	Water facility	4.39
10.	Security Cabin	16.47
11.	Survey and Documentation	0.00
12.	Rain Water Harvesting	0.69
13.	Island Development	5.00
	<b>Total</b>	<b>320.27</b>
	<b>B. Panchakki</b>	
1.	Signages	6.20
2.	Kiosks/stalls	42.44
3.	Electrification	46.22
4.	Children Park @25%	1.18
5.	Toilet	18.45
6.	Landscaping and Beautification including lawn lighting	49.01
7.	Tourist Reception Centre	16.47
8.	Pathways	2.09
9.	Parking Area	17.66
10.	Security Cabin	16.48



11.	Food Court	17.78
12.	Survey and Documentation	0.00
13.	Patch work of Kham River	19.91
14.	Rain Water Harvesting	0.72
15.	Water Treatment Plant	47.29
16.	Storm Water Drain	18.82
	<b>Total</b>	<b>320.72</b>
<b>C.</b>	<b>Tourist Tax Stand at MTDC Resort</b>	
1.	Toilet	19.26
2.	Parking Area	17.99
3.	Security Cabin	19.77
4.	Survey and Documentation	0.00
	<b>Total</b>	<b>57.02</b>
<b>D.</b>	<b>Road Beautification (24 Km)</b>	
1.	Signages	90.91
2.	Landscaping and Beautification of road island	25.17
3.	Road dividers with street furniture	304.43
	<b>Total</b>	<b>420.51</b>
<b>E.</b>	<b>Rose Garden at Majnu Hill</b>	
1.	Landscaping and Beautification & Lawn lighting	99.46
2.	Signages	6.20
3.	Compound Wall	56.98
4.	Electrification	67.55
5.	Water Fountain	16.39
6.	Children Park	9.10
	(a) Benches (35)	
	(b) Dustbins (30)	
	(c) Equipment @ 25%	
7.	Toilet	18.53
8.	Pathways	35.18
9.	Parking Area	13.23
10.	Water Supply & Distribution	8.00
11.	Street Furniture/Furnishing	2.64
12.	Survey and documentation	0.00
13.	Site Clearance	0.00
14.	Strom Water Drain	22.45
	<b>Total</b>	<b>355.71</b>
<b>F.</b>	<b>Conservation &amp; Repair to Naqqarkhana Gate</b>	
1.	Lawn Lighting/Electrification	27.63
2.	Landscaping and Beautification	17.20
3.	Civil Work	39.45
	<b>Total</b>	<b>84.28</b>
<b>G.</b>	<b>Dulantabad Fort</b>	
1.	Signages	6.20
2.	Compound Wall	25.09
3.	Electrification	42.20
4.	Electrification SEL Show	0.00
5.	Toilet (3 nos) @ 17.38 lakh	52.14
6.	Landscaping and Beautification	30.37
7.	Tourist Information Centre	13.82
8.	Pathways	2.68
9.	Parking Area	3.13
10.	Drinking Water facility	17.77
11.	Security Cabin	15.93

*Central  
BST  
+  
Forest*



12.	Survey documentation	0.00
13.	Rain Water Harvesting	1.46
	<b>Total</b>	<b>210.79</b>
<b>H.</b>	<b>Ajanta Ellora</b>	
1.	Green Buses @ 25%	96.35
	<b>Total</b>	<b>96.35</b>
<b>I.</b>	<b>Ajanta View Point</b>	
1.	Signages	2.24
2.	Landscaping and Beautification	43.75
3.	Parking Area	13.99
4.	Survey and documentation	0.00
	<b>Total</b>	<b>59.98</b> ✓
<b>J.</b>	<b>Bani Begum Garden</b>	
1.	Archeological documentation	0.00
2.	Photo documentation	0.00
3.	Designing and preparing Cultural Notice Boards	0.00
4.	Drinking Water facility	0.00
5.	Construction of Public Toilet	36.90
6.	Signages and directional board	9.88
7.	Security Cabin	0.00
8.	Information Centre	16.47
9.	Publication of literature and guide books	0.00
10.	Provision for visual challenged people	0.00
11.	Provision for hearing impaired people	0.00
12.	Provision for physically challenged people	0.00
13.	Illumination	0.00
14.	Development of Pathways	24.25
15.	Sound and light shows	0.00
16.	Landscaping and Beautification	68.44
17.	Structural Conservation	0.00
18.	Chemical Conservation	0.00
	<b>Total</b>	<b>155.94</b>
<b>K.</b>	<b>Construction of Ghat at Devgarh</b>	
1.	Civil works	150.08 ✓
	<b>Total</b>	<b>150.08</b>
	<b>Grand Total (A+B+C+D+E+F+G+H+I+J+K)</b>	<b>2231.65</b>
	<b>Contingency Fee @3% + Architecture Fee @ 2%</b>	<b>111.55</b>
	<b>Grand Total</b>	<b>2343.20</b>

2. The sanction of the President is also accorded for release of Rs. 117.16 lakh (Rupees one crore seventeen lakh and sixteen thousand only) (being 05% of the sanctioned CFA) as first installment of the CFA for implementation of the project. Since no funds were released for this project earlier, no utilization certificate is due in the matter.

3. The State Government of Maharashtra shall make land for the project available free of cost and also render all possible assistance for completion of the project in time. No portion of the sanctioned project should be executed/implemented in land/property owned by private individual or trust.

4. The Principal Secretary (Tourism), Government of Maharashtra will be the nodal officer for implementation and monitoring of the project. The State Government of Maharashtra shall set up a Monitoring Committee headed by the Principal Secretary (Tourism) with a Member from the Ministry of Tourism and the Implementing agency to monitor physical and financial progress of the sanctioned project and submit the progress report to Ministry of Tourism on quarterly basis in the format enclosed with this order.



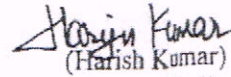
5. The executing agency shall put in place the mandatory facilities for barrier free access by physically disabled persons.
6. The State Government of Maharashtra would get the work executed through the ASI Aurangabad, PWD Aurangabad, State Archeology Department and MTDC and shall have the work started immediately to ensure timely utilization of funds and to avoid escalation of cost. The project should be commissioned within 36 months. No reimbursement will be made by the Central Government on this account. **The components which are not being funded by CFA and also future cost escalation, if any, would be borne by the State Government/concerned agency to complete the project in time. No reimbursement will be made by the Central Government on this account.**
7. The CFA will be utilized for the purpose for which the funds are released.
8. The State Government of Maharashtra would undertake the responsibility for maintenance and management of facilities for which the funds are released and no reimbursement on account of losses incurred, if any, would be made by the Central Government.
9. The State Government of Maharashtra would take all necessary clearances which are required as per prevailing rules and regulations before undertaking this project.
10. The State Government of Maharashtra would take NOC from Archeological Survey of India (ASI) regarding Archeological Monuments, Ancient Sites and Remains (AMASR) Act, 2010, that there will be no violation of this act while implementing this project.
11. The State Government of Maharashtra would obtain all necessary clearances from the Forest and Environment angle and CRZ clearance, if applicable, before implementation of the project.
12. Further funds would be released on receipt of utilization certificate for the first installment.
13. The payment will be arranged by Drawing & Disbursing Officer of the Ministry of Tourism by presenting a bill to the Pay & Accounts Officer, Ministry of Tourism for Electronic transfer of funds through RTGS in account no. 005720110000430 and bank code IFSC no. BKID0000057 in favour of Maharashtra Tourism Development Corporation Limited payable at Mumbai.
14. The State Government will furnish an undertaking for not selling, leasing or alienating the assets created in any way without the prior permission of Ministry of Tourism.
15. The State Government of Maharashtra will not keep the amount released by Central Government unutilized for more than six months. In case the funds cannot be utilized by such time the same will have to be surrendered to Central Government with interest or their formal approval should be taken to transfer/adjust the amount against other CFA projects.
16. The Commercial Quotes etc., if any, furnished along with the project proposal should not be deemed as accepted by Government of India. The State Government shall follow the codal procedures of inviting tenders etc. while actually awarding the work for execution
17. The assets acquired wholly or substantially out of CFA except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR shall not be disposed of without obtaining the prior approval of the authority which sanctioned the Central Financial Assistance.
18. It is certified that no utilization certificate is pending from the State Government of Maharashtra in respect of grant - in - aid released by the Central Government in respect of all the schemes / projects/ programmes of Ministry of Tourism.
19. Since this is the first installment, no UC/CC is required for this project at this stage.



The expenditure involved is debit to Demand No. 94- Ministry of Tourism; '3452' Tourism (Major Head), 01-Tourist infrastructure (Sub major head), 01.102 Tourist accommodation (Minor Head), 07-Product/infrastructure Development for Destination and Circuits, 07.00.35 Grant for creation of Capital Assets for the year 2012-13 (Plan).

21. This issues with the concurrence of IF vide their U.O. No.3739/IFD/2012 dated 30.03.2013

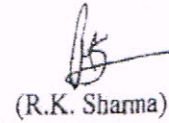
Yours faithfully,

  
(Harish Kumar)

Under Secretary to the Govt. of India

Copy to:

1. The Director of Audit, CW&M, New Delhi
2. IF vide their u.o. referred to above.
3. The Principal Secretary/Director of Tourism, Govt. of Maharashtra, Mumbai
4. The AG, Maharashtra, Mumbai
5. PS to Minister of Tourism, Govt. of India, New Delhi
6. The RD, Indiatourism, Mumbai
7. Sanction order file/spare copies.
8. Asstt. DG (Monitoring Cell), C-1 Hutments, Dalhousie Road, Ministry of Tourism.
9. Asstt. DG(P&C), C-1 Hutments, Dalhousie Road, Ministry of Tourism..
10. The Principal Accounts Officer, Ministry of Civil Aviation & Tourism , Double Story Building, Safdarjung Airport ,New Delhi-110003

  
(R.K. Sharma)

Assistant Director (PSW)



**Smart City**  
MISSION TRANSFORM-NATION



HERITAGE



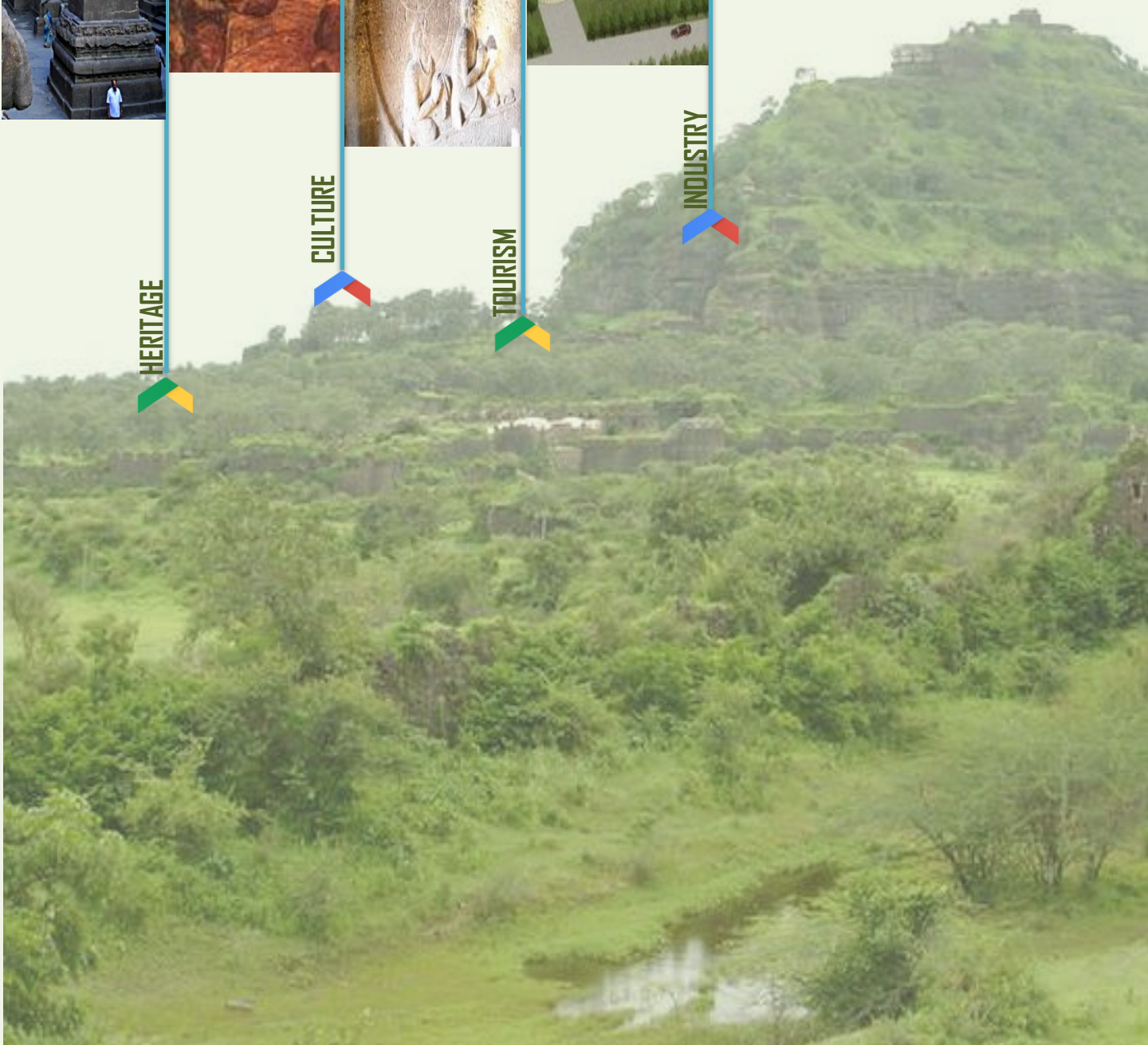
CULTURE



TOURISM



INDUSTRY



**AURANGABAD MUNICIPAL CORPORATION, AURANGABAD**

**ANNEXURE 5**

**ABBREVIATIONS**

**SMART CITY PROPOSAL- AURANGABAD**



## **Abbreviations**

<b>AAI</b>	<b>Airports Authority of India</b>
<b>ABD</b>	Area Based Development
<b>AMC</b>	Aurangabad Municipal Corporation
<b>AMRUT</b>	Atal Mission for Rejuvenation and Urban Transformation
<b>ASI</b>	Archaeological Survey of India
<b>AT&amp;C</b>	Aggregate Technical and Commercial
<b>BPO</b>	Business Process Outsourcing
<b>C2G</b>	Citizen to Government
<b>C2G</b>	Government to Business
<b>CAGR</b>	Compound Annual Growth Rate
<b>CAPEX</b>	Capital Expenditure
<b>CBD</b>	Central Business District
<b>CCTV</b>	Closed-circuit television
<b>CEO</b>	Chief Executive Officer
<b>CII</b>	Confederation of Indian Industries
<b>CRT</b>	Civic Response Team
<b>CSR</b>	Corporate Social Responsibility
<b>DC Rules</b>	Development Control Rules
<b>DMIC</b>	Delhi Mumbai Industrial Corridor
<b>DMICDC</b>	Delhi Mumbai Industrial Corridor Development Corporation
<b>DPR</b>	Detailed Project Report
<b>DRC</b>	Distribution Reforms Committee
<b>EPC</b>	Engineering, Procurement and Construction
<b>EWS</b>	Economical Weaker Section
<b>FAR</b>	Floor Area Ratio
<b>FSI</b>	Floor Space Index
<b>G2C</b>	Government to Citizen
<b>G2G</b>	Government to Government
<b>GB</b>	General Body
<b>GIS</b>	Geographical Information System
<b>GoI</b>	Government of India
<b>GoM</b>	Government of Maharashtra
<b>GPS</b>	Global Positioning System

<b>GSM</b>	Global System for Mobile
<b>GWB</b>	Ground Water Board
<b>HFA</b>	Housing for All
<b>HPSE</b>	High Powered State Committee
<b>HR</b>	Human Resources
<b>HT</b>	High Tension
<b>ICT</b>	Information & Communications Technology
<b>IPDS</b>	Integrated Power Development Scheme
<b>IT</b>	Information Technology
<b>JV</b>	Joint Venture
<b>KPO</b>	Knowledge Process Outsourcing
<b>KV</b>	Kilo-volts
<b>LED</b>	Light Emitting Diode
<b>LIG</b>	Lower Income Group
<b>LPCD</b>	Litres per Capita per Day
<b>MIDC</b>	Maharashtra Industrial Development Corporation
<b>MIS</b>	Management Information System
<b>ML</b>	Million Litre
<b>MLA</b>	Member of Legislative Assembly
<b>MLD</b>	Million Litres per day
<b>MNRE</b>	Ministry of Non-Renewable Energy
<b>MoUD</b>	Ministry of Urban Development
<b>MP</b>	Member of Parliament
<b>M RTP Act</b>	Maharashtra Regional & Town Planning Act
<b>MSEDCL</b>	Maharashtra State Electricity Distribution Company Limited
<b>MSME</b>	Micro Small & Medium Enterprises
<b>MSRDC</b>	Maharashtra State Road Development Corporation
<b>MSRTC</b>	Maharashtra State Road Transport Corporation
<b>MTDC</b>	Maharashtra Tourism Development Corporation
<b>MU</b>	Million Units
<b>MW</b>	Mega Watt
<b>NBC</b>	National Building Code
<b>NGO</b>	Non Government Organization
<b>NRW</b>	Non Revenue Water



<b>NSM</b>	National Solar Mission
<b>NUSP</b>	National Urban Sanitation Policy
<b>O&amp;M</b>	Operation and Maintenance
<b>OPEX</b>	Operating Expenses
<b>PCB</b>	Pollution Control Board
<b>PMAY</b>	Pradhan Mantri Awas Yojana
<b>PMC</b>	Project Management Consultant
<b>PPA</b>	Personal Package Archive
<b>pph</b>	people per hectare
<b>PPP</b>	Public Private Partnership
<b>PWD</b>	Public Work Department
<b>RFID</b>	Radio-frequency identification Device
<b>Rs.</b>	Indian National Rupees
<b>RTSP</b>	Real Time Streaming Protocol
<b>SBM</b>	Swachh Bharat Mission
<b>SCADA</b>	Supervisory Control and Data Acquisition
<b>SCP</b>	Smart City Proposal
<b>SLIP</b>	Service Level Improvement Plan
<b>SME</b>	Small & Medium Sized Enterprises
<b>Solar PV</b>	Solar Photovoltaic
<b>SOPP</b>	Synthesis, Opinion, Prioritisation and Planning
<b>SPV</b>	Special Purpose Vehicle
<b>Sq ft</b>	Square Feet
<b>Sq m</b>	Square Metre
<b>STP</b>	Sewage Treatment Plant
<b>SWM</b>	Solid Waste Management
<b>T&amp;CP</b>	Town & Country Planning
<b>TDR</b>	Transfer of Development Rights
<b>TP Scheme</b>	Town Planning Scheme
<b>UDD</b>	Urban Development Department
<b>ULB</b>	Urban Local Body
<b>UNESCO</b>	United Nations Educational, Scientific and Cultural Organization
<b>V-DEC</b>	Visual Digital Experience Centre
<b>WTP</b>	Water Treatment Plant