

### **Submission of Proposals: Application Form**

Please read carefully the "Guidelines for the Submission of Proposals" which outline the modalities for application and the criteria for the selection of proposals spelled out in the Cities Alliance Charter. Please ensure that all necessary supporting documentation is attached to this form. Additional information may also be enclosed, **but total submission should not exceed 12 pages.**

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Rec'd 6 April 2010

**DATE:**

**1. TITLE of PROPOSAL: Planning Support to 8 Satellite Towns of the Indian Megacities for Preparation of CDPs under the GoI Scheme, "Urban Infrastructure Development in Satellite Towns of Million Plus Cities"**

**2. PROPOSAL SUBMITTED BY<sup>1</sup>:**

Name and Title: Prof. Saswat Bandyopadhyay, Programme Head  
Organisation: Centre for Environmental Planning and Technology (CEPT)  
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Contact person for questions on the application:

Name and Title: Prof. Saswat Bandyopadhyay, Programme Head  
Organization: Centre for Environmental Planning and Technology (CEPT)  
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**3. CITIES ALLIANCE MEMBER(S) SPONSORING THE APPLICATION:**

Name and Title: Mr. Richard Clifford, Lead Urban Specialist  
Organisation: World Bank  
Address: 1818 H Street, NW, Washington DC 20433  
Telephone/Fax/E-mail: 1 202 4737270/[Rclifford@worldbank.org](mailto:Rclifford@worldbank.org)

**4. RECIPIENT ORGANISATION: – organisation that will receive and execute the grant:**

Task Manager Name & Title: Prof. Saswat Bandyopadhyay, Programme Head  
Organisation: Centre for Environmental Planning and Technology (CEPT)  
Address: University Road, Navrangpura, Ahmedabad, Gujarat, India 380009  
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Website: [www.cept.ac.in](http://www.cept.ac.in)/[www.spcept.ac.in](http://www.spcept.ac.in)

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<sup>1</sup> Country-specific proposals typically originate from local authorities, but must be sponsored by at least one member of the Cities Alliance (see [Cities Alliance Charter](#), Section D.14).

**5. OTHER IMPLEMENTING PARTIES (if any):**

Task Manager Name & Title:

**INFORMATION ON PROPOSED PROJECT:**

**6. Type of project (check one):**

City Development Strategy\_\_\_\_\_ Slum Upgrading\_\_\_\_\_ Both\_YES\_\_\_\_\_

**7. Geographic scope of project (specify):**

City: 8 satellite towns of 7 megacities in India covered under the pilot phase of Government of India (GoI) Scheme of Urban Infrastructure Development in Satellite Towns/Counter-magnets of Million Plus Cities)  
Country: India  
Global/Regional/Multi-country: Not Applicable

**8. Expected duration: 24 months**

**BUDGET SUMMARY:**

9. Amount of total budget requested from Cities Alliance funding: US Dollars 440,450\_\_\_\_\_

10. Co-financing amount of total budget, including local partners: US Dollars 350,000\_\_\_\_\_

11. Total project budget cost: US Dollars 790,450\_\_\_\_\_

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**DESCRIPTION OF PROPOSED PROJECT:**

**12. Background – issues to be addressed and scope of project**

***The Scheme***

The Scheme of Urban Infrastructure Development in Satellite Towns/Counter-magnets of Million Plus Cities (the Scheme) aims at developing urban infrastructure in the satellite towns/counter-magnets around metropolitan cities so as to reduce the population pressure on the mother cities. The specific objectives of the Scheme are as follows:

- To develop urban infrastructure facilities such as transport, water and sanitation, drainage and solid waste management;
- To improve the sustainability of urban infrastructure by implementing reforms such as energy audit and water audit, introduction of cost-effective technologies and capacity enhancement for improved O&M, among others;
- To adopt innovative P-P-P models for development of the satellite towns;
- Earmarking 10-15 percent housing sites for the urban poor through appropriate legal stipulations and spatial incentives; and
- To promote the following ULB level reforms –
  - Adoption of modern, accrual-based, double entry system of accounting
  - Introduction of a system of e-governance IT applications, GIS and MIS for various urban services, and establishment of citizens facilitation centres
  - Reform of property tax with improved coverage using GIS and raise collection efficiency to 85 percent

- Levy of reasonable user charges so to achieve full recovery of O&M costs within 7 years
- Internal earmarking of budgets for providing basic services to urban poor
- Formulating bye-laws to incorporate provisions for disaster management, rainwater harvesting, recycle and reuse of waste water, barrier free environment and structural safety and in compliance with National Building code
- Implementation of Public Disclosure Law
- Implementation of Community Participation Law.

## **Coverage**

Coverage of the Scheme in pilot phase would be the 8 satellite towns of the 7 mega cities. These are as follows:

<i>Megacity</i>	<i>Satellite Town</i>
Delhi	Sonipat (Haryana) and Pilkhuwa (Uttar Pradesh)
Hyderabad	Vikarabad (Andhra Pradesh)
Ahmedabad	Sanand (Gujarat)
Bangaluru	Hosakote (Karnataka)
Mumbai	Vasai-Virar (Maharashtra)
Chennai	Sriperumbudur (Tamil Nadu)
Kolkata	Rajarhat (West Bengal)

## **City Development Plans**

The Scheme guidelines stipulate that a City Development Plan (CDP) shall be prepared for the towns covered under the Scheme. The CDP would present a long term perspective plan for 20 years and development plans for 5 years. The Plans would outline programmes/projects for infrastructure development and investment requirements, supported by phased resource mobilization plans from various sources including central/state government, institutional financing agencies, private sector and own sources of Urban Local Body (ULB).

The Scheme Guidelines suggest that CDPs may include the following:

- Site analysis, and assessment of physical and natural resources;
- Broad spatial plan showing land use pattern, road and other infrastructure network;
- Activity nodes for location of industrial, commercial, trade and commerce, and other employment generating activities serving as nucleus for development around which other activities may come up;
- Sectoral infrastructure plan including fast track and efficient linkages/provision of transportation with mother city and other urban centers in the region;
- Phasing and prioritization of the Plan both temporal and spatial;
- Investment plans according to phasing of development;
- Resource mobilization plan including identification of all the agencies involved in development, their investment proposals and priorities, and plans for private sector participation; and
- An institutional/legal framework for assigning responsibilities, and coordinating between government agencies, private sector, non-governmental organizations (NGOs) and community development groups.

Funds are available under the Scheme for the ULBs to prepare the CDPs.

Annexure 1 presents the rationale for the Scheme.

## ***Scope of the Project***

Joint Secretary (UD) and Director (UD), Ministry of Urban Development (MoUD), GoI had discussions with Lead Urban Specialist, SASDU, The World Bank and Regional Adviser (SAR), Cities Alliance on World Bank – Cities Alliance (WB-CA) support to the satellite towns covered in the pilot phase for developing the CDPs. The WB-CA support (the Project) would be in the form of technical inputs to the towns, covered in the pilot phase and which would be hiring consultants for preparing the CDPs. The Project would provide technical inputs and guide the towns in: (i) process of preparing the CDP; (ii) contents of the CDP; and (iii) convergence between CDPs of the town and metropolitan city and with spatial plans of the city/region, and build a strong ownership of the CDPs by the towns..

### **i. The Process**

In the perspective of decentralization initiatives in the country, the functional domain of municipalities in urban management is continuously expanding. The performance of cities is, however, still dependent on the level of engagement of many other actors including state departments, state parastatals, private entities and business associations, civil society, citizen groups, academics, media, among others. Given that the objective of the CDP is to strategize an improvement in urban performance to achieve the articulated long term vision for the city, the preparation and implementation of the CDP has to be through a multi-stakeholder engagement. The project would help to establish processes to bring all key stakeholders on board in the preparation of the Plan, assign roles to various actors for the implementation and their continuous engagement for concurrent monitoring of implementation and evaluation of progress in achieving the objectives. The project would also institutionalize the process of multiple-stakeholder engagement for periodic revision of the CDP.

### **ii. The Contents**

The project would guide the towns to clearly articulate the vision of city in the CDP, based on its comparative advantages – USP. In the perspective of the vision statement, and based on an objective situation analysis, the CDP would strategize improvement in urban performance. The strengths-weaknesses-opportunities-threats (SWOT) analysis may be undertaken in the context of the Vision. The results of SWOT analysis would enable the city to build on and leverage its strengths and opportunities. Equally important, it would enhance the city's ability to avoid threats or to take actions to minimize them. The plans would be inclusive and address the concerns of the poor. The document would prioritize projects/programmes over the Plan perspective, estimate investment requirements, and prepare a phased resource mobilisation plan.

The CDP would enable the city to successfully address:

- livelihood enhancement covering issues relating to employment opportunities for various economic groups, competitiveness of city economy and human resource development;
- environmental quality, service delivery and energy efficiency;
- spatial form and infrastructure – supplying land for shelter and livelihood and optimizing mobility through cost-efficient and environmentally-sound transport systems;
- Financial resources; and
- Governance.

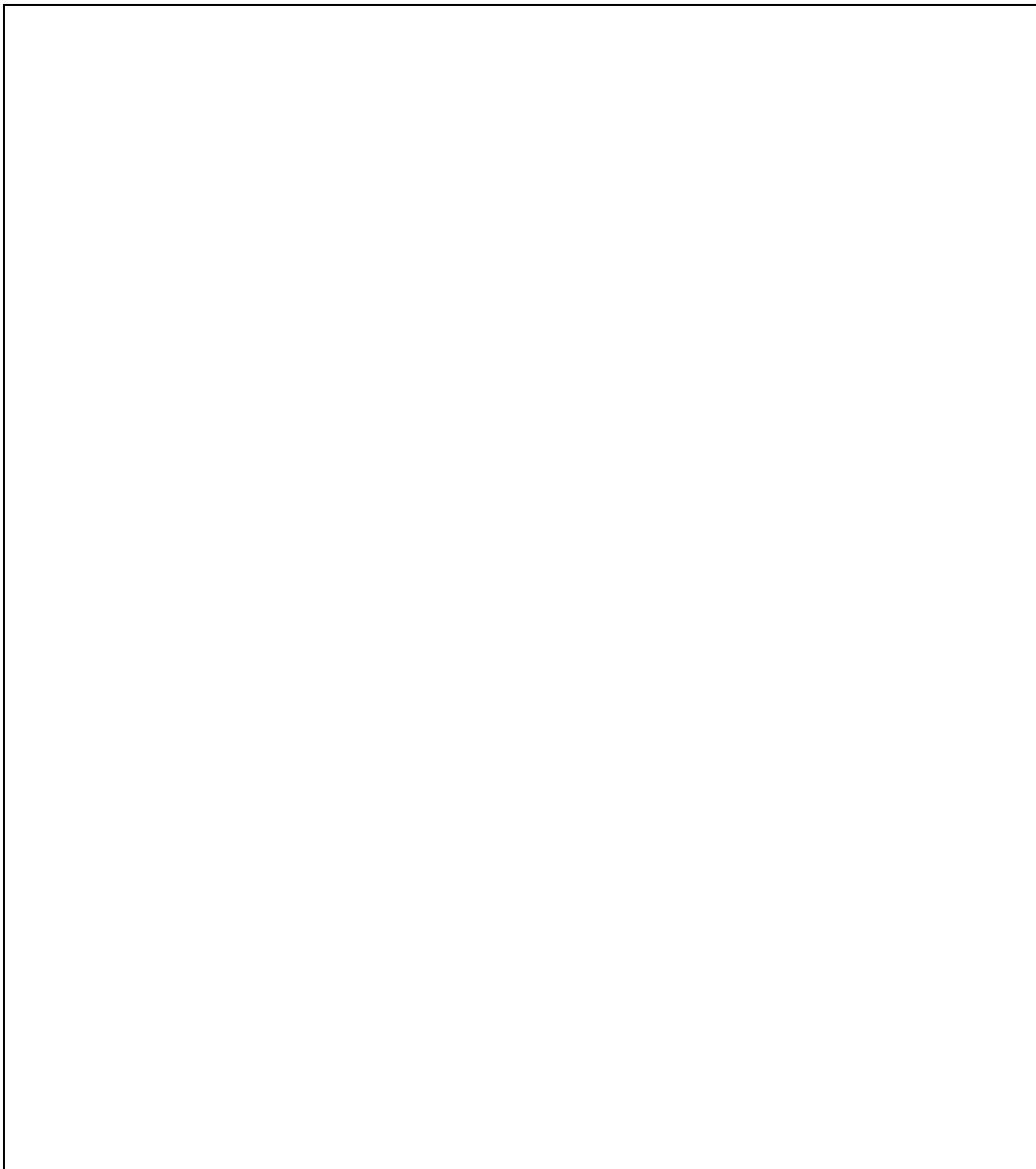
### **iii. Convergence**

The project would ensure that the CDP achieves convergence of various sectoral plans including energy, water, sanitation, housing and urban transport, among others. There would also be a strong convergence between the CDPs of metropolis and satellite town for the latter to become effective dormitories of the mother city.

Land is a critical requirement for urban infrastructure development, land regulation is critical component of urban management and improvement in urban form is closely related to improvement in urban performance. The project would help to establish linkages between CDP and spatial plans for the city (city master plan) and region (regional plans).

The process and outputs of the Project would be documented to inform/revise the toolkit being developed by MoUD for preparing CDPs.

The map below shows each satellite city's geographical location and proximity to the CEPT base.



*Figure 1: Geographical location of Satellite Cities*

Population according to Census 2001 for these eight satellite towns, is as follows:

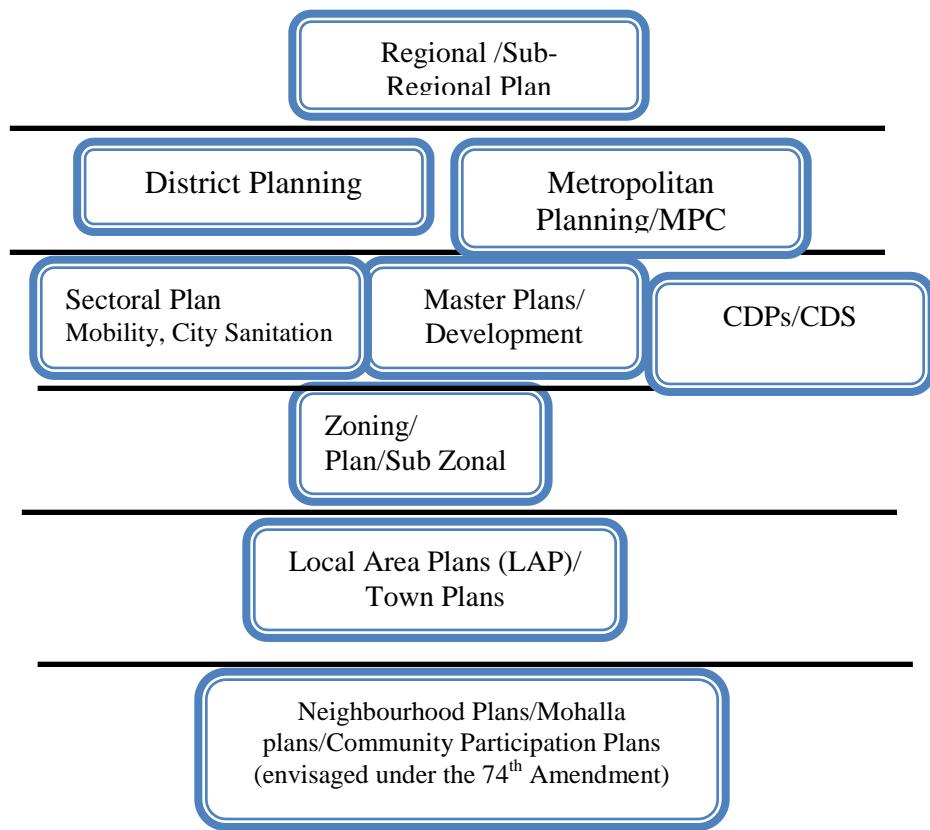
Satellite Towns	Mother Cities	Population
Sonipat (Haryana) and Pilkhuwa (Uttar Pradesh)	Delhi	216,213 + 67,191
Vikarabad	Hyderabad	42,258
Sanand	Ahmedabad	32,348
Hosakote	Bangaluru	36,333
Vasai-Virar	Mumbai	49,346
Sriperumbudur	Chennai	86,085
Rajarhat	Kolkata	271,781

### **Spatial Planning Instruments and Linkages**

The Project would assess the need for urban infrastructure and delivery systems in smaller cities in India and make recommendations for adoption of better planning practices. The Project, therefore, would make a thorough review of existing institutional capacities and earlier planning initiatives in each of the satellite towns.

It is also important to note, here that, there exist several diverse types of planning instruments, in India. These documents/instruments are non-standardized and are adapted differently as per the city needs. Lack of correct linkages amongst these diverse instruments, often, result in overlaps, redundancy, and, thereby, failure to deliver the desired outcomes. Various planning instruments used in India are presented in Annexure 2.

The diagram below shows different spatial planning instruments and their respective hierarchies. These plans and documents are expected to address the specific needs in their respective jurisdictions. As illustrated in the diagram, the main problem is the linkages between them, resulting into compartmentalized planning rather than any form of integration. As a result, many metropolitan areas today have several plans for themselves, each one with different content, diverse projection bases and focus. The CDP of satellite towns would establish the desired linkages with various hierarchy of urban plans.



### ***Delivery Mechanism***

MoUD has nominated Centre for Environmental Planning and Technology (CEPT) University as the implementing agency for the Project. The agency would provide experts to work with the eight selected satellite towns. The Bank experts would also provide their inputs to facilitate the formulation of the CDPs and CA Secretariat would provide the global knowledge. The agency and the experts would work in close coordination with MoUD. The technical support would be provided over a 24 months period.

The core competence of CEPT in undertaking the implementation of the project is mentioned in Annexure 3.

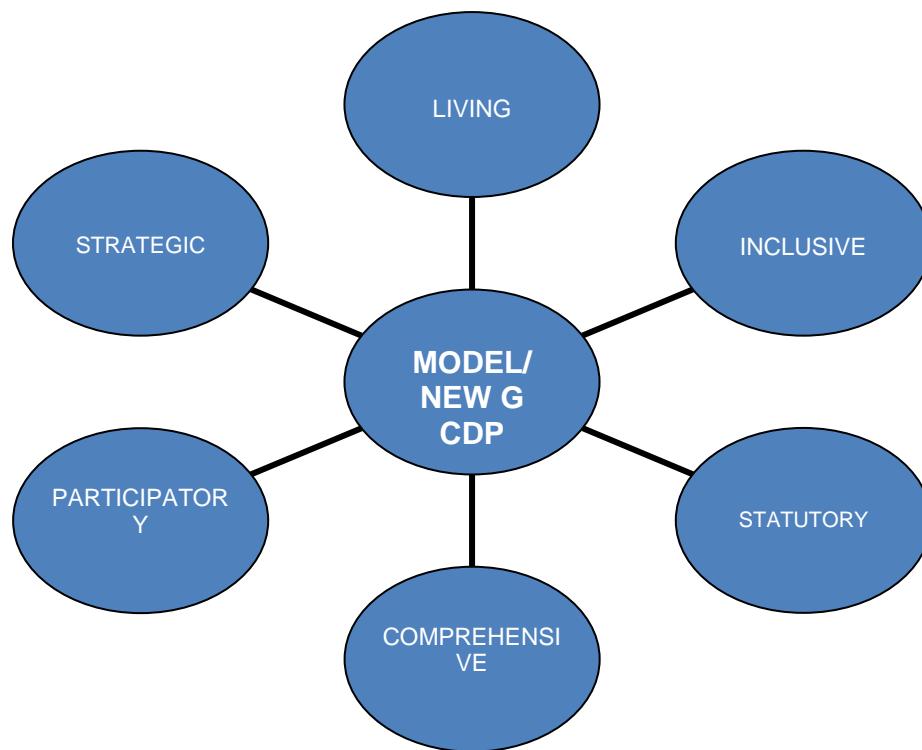
### ***Approach towards Model CDP***

As mentioned earlier, there are critical gaps with different planning documents/instruments, including the first generation JnNURM-CDPs. Thus, the preparation of Model CDPs, would be an attempt to overcome the present drawbacks as well as to develop a robust process through incorporation of global and local, good or emerging practices. The Model CDPs, prepared under the project, would be NEW GENERATION CDPs, which would have the following main characteristics:

- LIVING CDP—the local bodies and various stakeholders internalize the process of preparation, regular use, reference and sustainable
- INCLUSIVE and PARTICIPATORY CDP - evolved through the principles of Consultations and Participation, incorporating multiple sectoral aspirations

- STRATEGIC BUT STATUTE CDP - bridges the existing gap between strategic CDP and Statute DPs
- COMPREHENSIVE CDP - comprehensive framework or structure that pierces through and provide linkages among various planning instruments

Thus, the Model CDP would be - LIVING, INCLUSIVE, PARTICIPATORY, STRATEGIC, COMPREHENSIVE AND STATUTE document. Further, the project would facilitate this Model CDP process to take over the age old practice of Rigid development planning process in India, through a set of reforms towards Modernization and Removal Of Obsolence in Urban Planning in India ( MODROUPI).



### 13. Objectives

The main objective of the Project is to facilitate the development of a modern, comprehensive urban development planning framework for NEW GENERATION CDPs as well as to develop these as a living document. The other sub-objectives are as follows:

#### A. Identification of :

- Standardize structure
- Define clear vision statement
- Establish harmonized planning process between the mother city and the Satellite towns
- Prepare broad spatial plan showing land use patterns and infrastructure networks
- Prioritize of planning initiatives
- Identify phases of development
- Prepare investment plans and funding requirements according to phasing of development
- Differentiate short term and long term goals for the action areas
- Inclusion of disaster mitigation plan

- Inclusion of sustainable planning practices
  - a. Environmental sustainability
  - b. Decentralization of economic centers
  - c. Social inclusion
- Standardize GIS mapping of services, and different networks- roads, green spaces, water etc..

**B. Development of Urban infrastructure facilities linking to existing resources**

- Drinking water
- Sewerage and sanitation
- Drainage
- Solid waste management
- Transport

**C. Enhancement of sustainability for urban infrastructure**

- Energy audit
- Water audit
- Performance indicator
- Introduction of cost effective technologies
- Capacity enhancement

**D. Explore potential of innovative public private partnership models**

**E. Basic access to housing need for urban poor**

**F. Promote Urban Local Bodies (ULB) level reforms**

- Adoption of a modern, accrual based double entry system of accounting
- Introduction to e- governance
- Reforms of GIS and arrangements for its effective implementation
- Cost collection of operation and maintenance within 7 years
- Internal earmarking of budgets for basic services of the urban poor
- Formulation of bye laws in strict compliance with National Building code incorporating provisions of disaster management, rainwater harvesting, reuse and recycle of waste water, barrier, free environment and structural safety
- Implementation of Public Disclosure Law
- Implementation of Community Participation Law

Thus, there emerges the need for long term handholding and capacity building support to the ULBs so as to enable them to internalize the urban planning and management capacities within their existing framework.

#### **14. Methodology and Sequencing of Activities**

##### ***Handholding Support for CDP preparation and Sequencing of the Activities***

The overall, proposed interventions are detailed out through the following Tasks/Sub-Tasks, as under:

##### **Task 1- Initial Assessment of Satellite Cities**

- i. Mobilization
- ii. Kick off workshops

Based on the regional studies and understanding of current problems, clustering of the towns may be done for effective planning. Based on the different characteristics towns may be clubbed together depending on

- Proximity to the mega city
  - Geographical locations
  - Geographical conditions ( i.e coastal / non coastal...etc)
  - Immediate need based
  - Based on demographic / environmental / economic similarities
  - Level of interdependency between the mother city –satellite city
- iii. Rapid City Capacity Assessment
  - Review of city's existing CDPs/DPs
  - Staff capacity
  - Political structure
  - Available resources
- iv. Alternative Engagement Strategies

#### **Task 2 - Hand Holding supports to cities**

- i. City specific/Cluster specific Engagement Planning
- ii. Consultations/Workshops
- iii. Hand-Holding Support (on and Off-line)
- iv. Help Desk/Expert Pool support (on Call basis)

#### **Task 3 – Capacity Development**

- i. Detailed engagement plans with each city
  - 1. Complete support intervention
  - 2. Knowledge and skill support
  - 3. Training the staff
  - 4. Establishing knowledge/skill transfer system
- ii. Technical and resource workshops (Cluster Based)
- iii. International/National Exposure Visits
  - 1. Identifying modern planning practices
- iv. Training of the City Staff
  - Formation of Specific Skill Sets
    - a. GIS and Urban Planning
    - b. Urban Infrastructure
    - c. Heritage
    - d. Environmental sustainability and Disaster Management
    - e. Bids Process Management

#### **Task 4 – Knowledge Management**

- i. Peer Experience Sharing Workshops
- ii. Satellite-Mother City Networking
- iii. Knowledge workshop with experts of various fields (City Level)
- iv. Process Documentation
- v. Resource/Knowledge Bank Support
- vi. Model Planning Guidelines

#### **Task 5 - Dissemination**

- i. Web page development/ site linking
- ii. News letters
- iii. Publications/Working Papers/Lessons Learnt
- iv. Films

### ***Capacity Building Strategies for Model CDP preparation***

Preliminary review of the existing manpower employed in 3 of the 8 project towns shows that:

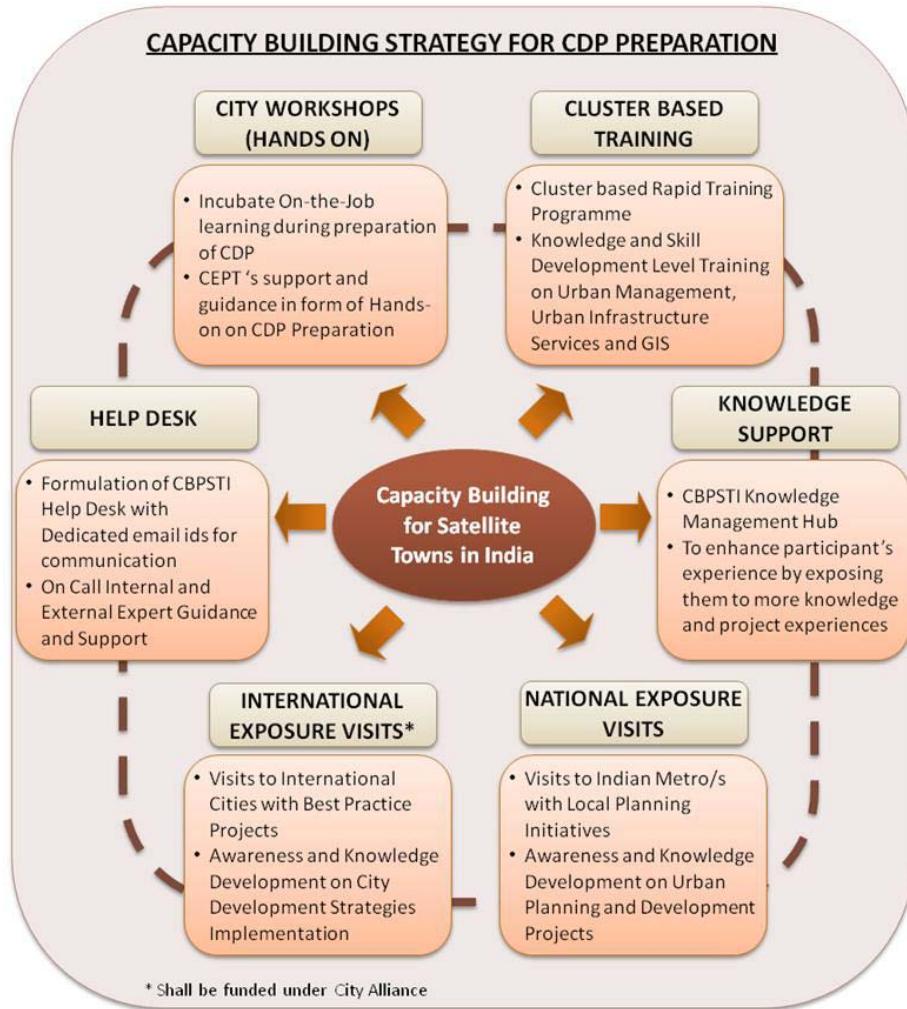
- Many of the project towns do not have any history of preparation of any urban plans/city development plans by themselves
- The towns have limited Human Resources for preparation of CDP or Urban Plan

The existing staff engaged in management of urban affairs and municipal services are not trained in preparing a CDP in-house. There is the strong need for long term handhold and capacity building support to the ULBs so as to enable them to internalize the urban planning and management capacities within the existing framework.

The over-arching objective of the **capacity building component of the project is to strengthen the existing in-house capacity of the satellite towns for preparation of CDPs. The proposed strategy is to combine various forms of capacity building approaches and deliver them at the doorsteps.** A combination of various consultative delivery activities are proposed under the strategy and these as follows:

- Hands-on City Workshops
- Cluster Based, theme specific Rapid Training Programmes
- Knowledge Support
- On Call Help Desk
- National Exposure Visits

International Exposure VisitsThese approaches are further explained in the diagram below:



## CAPACITY BUILDING SUPPORT FOR PREPARATION OF MODEL CDPs

### ***National exposure visits (city- city learning)***

The project towns and the local officials are not fully exposed to planning practices in other cities of India. Before these towns start preparing CDPs and DPRs , it is essential for the city representatives to be aware of what is happening in other Indian cities.

In India, there are some good examples of progressive planning, where multiple initiatives have been taken for betterment of their own cities. It almost becomes inevitable for city officials of the 8 project towns to learn from other cities and then share their knowledge with other similar cities. Method of peer learning, debates and participatory workshops are important to bring out ideas from peers.

Cities are identified based on recent planning initiatives and the success and acceptance of the residents. Two of such visits would be planned for different learning experiences.

1. Town Planning Schemes, Development Plans and Metropolitan Planning Experiences
2. Heritage Conservation and Environmental Planning
3. E-Governance
4. Bus Rapid Transit System (BRTS)
5. Urban development Projects ( Sectoral Integration)

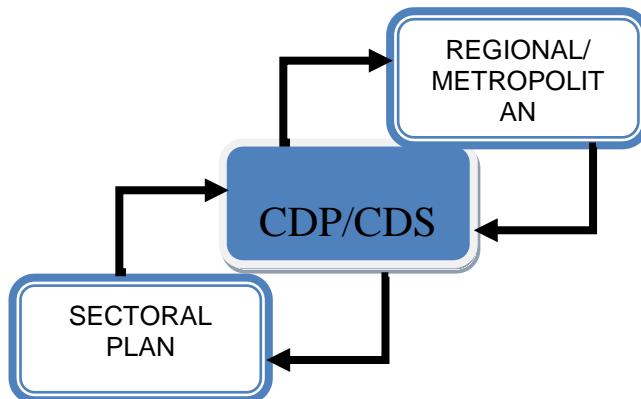
#### Breakdown of National exposure visits within India

Person	No. of people	No. of days
<b>Batch -1</b>		
<b>elected members from Satellite cities</b>	8	1-1.5
<b>Batch – 2</b>		
<b>technical and Administrative staff</b>	8-12	2-3

#### ***International Exposure Visit***

India is considered one of the emerging countries of South Asia. The country is rapidly changing and the pace of growth and development is quite high. Regional combination and growth rate of India is almost non comparable with countries of the west. The concept of satellite towns can be implemented in a country like India; however it must be conceptualized keeping the diversity of planning issues and the growth index.

Many of the south Asian countries like China, Korea and Philippines have been taking lessons from west and incorporating it to match their regional needs and demography. Many south Asian countries have excelled in planning their cities, exploring progressive planning strategies and have developed their urban areas. Most importantly, these Asian cities have worked on linkages between their planning processes and have evolved a planning approach which is a bottom up process that links each stage/ plans of the planning process as shown in the diagram, below :



Such planning examples in South Asia, would prove to be great learning experience for the town/city officials from these 8 towns. Visits to these cities will also bring back ideas and initiatives of planning management, advertising and city branding.

### **International exposure visit members**

No. of people	Persons	Total
<b>Satellite Towns</b>	2 (8 cities)	16
<b>MoUD</b>	2	2-3
<b>CEPT</b>	1-2	1-2
<b>Total</b>		<b>20</b>

Exposure visit locations will be decided based on the target issue and in consultation with Cities Alliance experts. City and time to be spent may change depending on what the focus is and what needs to be explored the most. However, the lessons from other Asian cities would be more effective looking at the demographic conditions. Learning from similar context would be more appropriate and comparable. Some of the exposure visit options are listed below :

**Philippines**

Good example of City development strategies and implementation.

**Hong Kong**

Good example for regional/ territorial co- ordination strategies. Shows example of linkages of sub urban regions and areas on outskirts of the city boundaries.

**Shanghai**

Good example of a metropolitan area development, Planning/Co-ordinations

### ***Requested Inputs from CA***

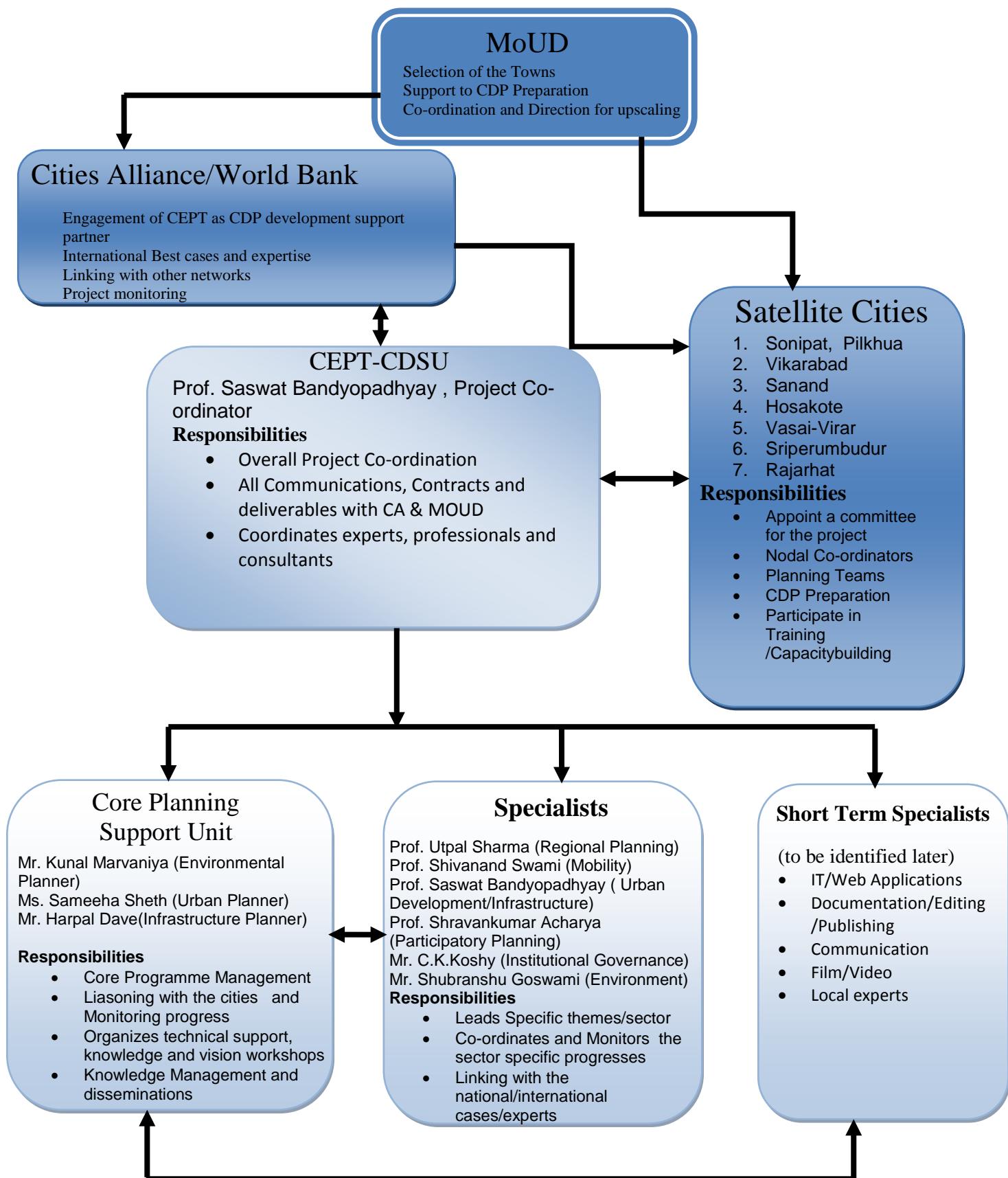
Specific inputs would be requested from CA members, particularly the World Bank, and partners, so as to bring in the global experiences in Structure Planning and City Development Planning/Strategies, besides international expertise to develop the framework of modern urban planning. The requisite inputs would include developing and installing processes/mechanisms to make the CDP development process- an effective learning platform and use the lessons to initiate overall reform in Urban Planning process in India.

### ***CDP Development Support Unit (CDSU)***

The CDSU would broadly include the following specific sections (Refer. Diagram 1)

- i. Specialists (CEPT Core faculty to lead specific thematic areas)
- ii. Core Planning Support Unit (with full time Professional Planners engaged in day-to-day knowledge management)
- iii. Short Term Specialists (IT/Web application, Documentation/Editors, Publication etc)

The overall project organization is depicted in Diagram below.



## **15. Deliverables**

### **List of Reports**

1. Inception Report – Within 4 weeks
2. Rapid assessment report – Within 10 weeks
3. Periodic Progress Report – Quarterly
4. Annual Progress Report- End of Calendar Year
5. Training/Workshop /Exposure Visit Reports- As per Calendar
6. Final CDPs by the 8 satellite towns (Actual CDP to be prepared by the project towns/consultants)
7. Final Project Report – End of the project, documenting all experiences/ lessons

### **List of workshops/Training/Exposure Visits Events**

1. Kick Off Workshop (National) – Within 3 weeks
2. Technical and resource workshop ( Local Level)- 2 per town per year-32 Nos
3. Cluster/Theme Based Capacity Building /Training- 6 ( 3 per year)
4. Experience sharing National Workshop – 2=1 (End of year 1 & 2 )
5. International Exposure Visit – 1 (1 week exposure visits)
6. National Exposure Visits – 1+1( For Town Planning Schemes/Project Development)

### **Knowledge Management**

1. Town wise Web pages/National Web Links
2. Bi-Monthly news letters
3. Operational Help Desk
4. Knowledge Library/Expert Data Bank
5. Satellite Town Knowledge Network
6. Videos/Films etc

## **16. Expected outcomes and related monitoring indicators and plans**

The deliverables of the programme would be:

- Establishment of framework for preparation of Modern CDP at the ULB levels
- Knowledge and Skill Transfer for Internalization of the process
- Capacity building of Satellite cities and access to use knowledge products/experts
- Documentation of the Process and Lessons
- Case for National level Urban Planning Reforms

## **17. Sources of investment to implement the CDS or slum upgrading programme**

MoUD has a budget of around US\$ 56 million for the pilot phase of the Scheme.

## **18. Partnerships**

Partnership between cities, Cities Alliance, CEPT with committed support from Ministry of Urban Development (MoUD), Government of India.

## **19. Government commitment and approval**

CEPT has been nominated by MoUD, GoI as the implementing agency for the Project

As a part of the technical support, it is proposed to organize a robust capacity building support to the 8 small towns on the Rapid Training (RTP) Mode. To cover the cost of this component, the proposal for a co-terminus Project on “**Capacity Building Support for Satellite Towns in India**” is being submitted to the Ministry, which would form a part of the co-financing for the project. Also, the Ministry would be providing the budget for towns to hire consultants to prepare the CDPs.

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**IMPLEMENTATION AND FINANCING PLANS:****20. Implementation arrangements**

MoUD has nominated CEPT as the implementing agency for the project. The agency would provide experts to work with the select satellite towns. The Bank staff to provide their inputs to facilitate the formulation of the CDPs and CA-S would provide the global knowledge. The agency and the experts would work in close coordination with MoUD.

**21. Project schedule and delivery targets**

Attached as Annex 1 ( PDF file)

**22. Financing plan****A. CITIES ALIANCE GRANT REQUEST**

Components / Main Activities	Total (US\$)	Type of Expenditure			
		Consulting Services (US\$)	Training/ Capacity Building (US\$)	Dissemination Costs (US\$)	Other (US\$)
<b>PROJECT ACTIVITIES</b>					
Component/ Activity #1: CDP Development Support Unit	309200	309200			
Component/ Activity #2: Training Capacity Building/Workshops/Exposure Visits					
National Workshops (1) Experience Sharing Workshop	11250		11250		
1 week International Exposure Visits for 20 Participants from Cities, MOUD	46000		46000		
Total	57250		57250		
Component/ Activity #3: Knowledge Management/ Dissemination	74000				
Publications/Working Papers/Lesson	6000			6000	
Webpage Support	16000			16000	
Documentation /Edits	16000			16000	
Short Term Inputs	16000	16000			
Project Consumables	20000				20000
<i>Total</i>	<i>74000</i>	<i>16000</i>		<i>38000</i>	<i>20000</i>
<i>Sub-Total – Project Activities</i>	<i>440450</i>	<i>325,200</i>	<i>57,250</i>	<i>38,000</i>	<i>20,000</i>
<b>PROJECT ADMINISTRATION &amp; SUPERVISION</b>					
Independent Audit (1):					
Supervision Costs (2):					

<i>Sub-Total – Project Administration &amp; Supervision</i>						
<b>TOTAL A (Cities Alliance Grant Request)</b>	<b>USD440,450</b>					

### B. CO-FINANCING

Co-financing Partner #1: MOUD	USD350,000	170,000	180,000		
Co-financing Partner #2:					
Co-financing Partner #3:					
<b>TOTAL B (Co-Financing)</b>	<b>USD350000</b>	<b>170,000</b>	<b>180,000</b>		

### C. TOTAL

<b>TOTAL PROJECT BUDGET COST (A + B)</b>	<b>USD790450</b>				
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See Guidelines for more information.

- (1) An external audit is required upon completion or termination of project activities. Categorise this type of expenditure as “other.”
- (2) Incremental costs associated with the management of the project, up to a maximum of 15 percent of the Cities Alliance grant request. Categorise this type of expenditure as “other.” Detailed cost break down required in Section 23 Costing Assumptions

**23. Costing assumptions** Provide details about the assumptions that were used to calculate the costs presented in the summary financing plan (22).

***CDP Development Support Unit***

**1. Consultancy Fee**

Position	No. of persons	Total Man-months	Rate per man-month (in US\$)	Total Amount in US\$
Specialists	6	28	4,000	112,000
Core Team	3	36	1,000	36,000
Support team	2	40	400	16,000
<b>Total</b>				<b>164,000</b>
<b>Air Travel</b>				<b>58,800</b>
Local Travel				9,600
Per Diem				76,800
<b>Total</b>				<b>309,200</b>

**2. Travel Details**

<b>Air Travel</b>	
No. of towns	7
No. of trips to each town per year	12
No. of years	2
No. of trips	168
cost per trip	\$350
<b>Total air travel cost</b>	<b>\$58,800</b>
<b>Local Travel</b>	
No. of persons	
No. of towns	8
No. of trips to each town per year	12
No. of years	2
No. of visits	192
Days/visit	4
cost of local travel per day	\$50
<b>Total local travel cost</b>	<b>\$9,600</b>
Boarding & Lodging cost per day	\$100
<b>Total Boarding &amp; Lodging cost</b>	<b>\$76,800</b>

### **3. 2 days National Workshop**

	No. of persons	Cost per person per day (INR)	Total (INR)
Venue and Lunch	50	2,000	100,000
Per diem to Resource Persons	5	10,000	50,000
Boarding expenses	35	5,000	350,000
Kits	50	800	40,000
<b>Total</b>			<b>540,000</b>
			(US\$ 11,250)

### **4. International Exposure Visit**

No. of persons	20
Air Fare @ US\$ 1,200 per person	24,000
Boarding and lodging @ US\$ 150 per person per day for 6 days	18,000
Local travel expenses	4,000
<b>Total (in US\$)</b>	<b>46,000</b>

### **5. Others**

Knowledge Dissemination	Rate	Qty	Total
Publications/Working paper	1000	6sets	6000
Webpage building Support	2000	8	16000
Documentation/Edit	2000	8	16000
Project Related Consumables	1000	20	20000
Other Short Term Spl	1000	16	16000
		<b>Total (in US\$)</b>	<b>74000</b>

**24. Expected currency of expenditures**

Into what currency (or currencies) do you expect the grant funding (provided in U.S. dollars) to be converted?

INDIAN RUPEES (INR)

What exchange rate assumptions have you used?

USD1 = INR 48

The cost may change according to the rate. The present rate at the time of signing of Agreement should be considered.

**25. Co-financing arrangements**

<b>Co-financing Source</b>	<b>Description of Co-Financing</b>
1. Ministry of Urban Development, GOI	USD 350,000
2.	
3.	
4.	

Is all co-financing confirmed/ committed? Yes

**26. Additional Financial Management Information from Recipient**

- a.) Is the Recipient a registered organization under the countries/cities legal requirement? - (Yes/No)
- b.) Can the recipient provide proof of registration and years of operation? -(Yes/No)
- c.) Does the recipient have prior experience managing other Donor funds and provide documentation to support this? (Yes/No)
- d.) Does the recipient **have** or can open a bank account?- (Yes/No)
- e.) Is the recipient audited annually? - (Yes/No)
- f.) Do you produce periodic financial reports for monitoring and evaluation? (Yes/No)

### Development of the Satellite Towns – The Rationale

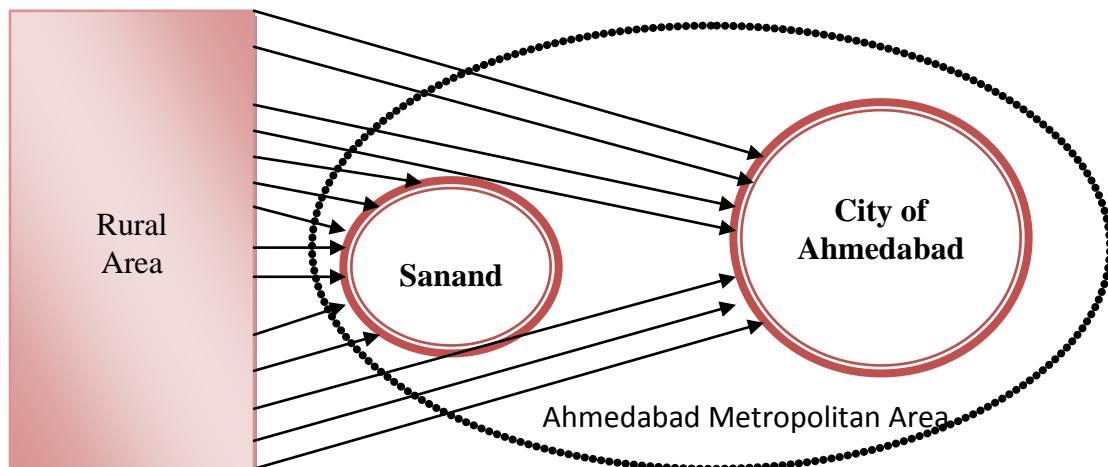
Majority of the total population of India lives in rural villages across the country. Rural areas are diverse and quite opposite of the urbanized cities and towns of the country. Infrastructure facilities, housing, economic opportunities and most importantly the quality of life of the urban area is almost non comparable with the facilities available in rural areas. Since several years there is major out migration of rural population in to the nearest mega cities.

As per 2001 census, the urban population of India was about 286 million, which constituted 28% of the total population of the country. Population of urban cities increased to 35% and is projected to be 50% in 2011. Due to the excessive concentration of population in mega cities, there is an acute increase in demand of infrastructure facilities, amenities and series of problems such as land shortage, housing shortfall, and inadequate transportation and also the management of essential infrastructure like water supply, sewerage, drainage solid waste disposal and many others.

In attempt to address this issue of centralized economic activities and population concentration, a concept of satellite cities around the mega cities such as Mumbai, Delhi, Ahmedabad, Bangalore, Chennai, Hyderabad and Kolkata is initiated. Cities like Vasai-Virar, Sonipat, Pilkhuwa, Sanand, Hosakote, Sriperumbudur and Raja hat are identified as action cities. These identified towns have population between 30,000 and 220,000.. This Scheme aims at developing urban infrastructure in the satellite towns/counter-magnets around metropolitan cities to reduce the population influx to mother/ mega cities.

The diagram below illustrates the example of Ahmedabad and its satellite town Sanand. The diagram explains the concept of satellite towns and how it would help in restricting in migration to mega cities. Between the large rural area and the mega city, a potential small town is selected for upgrading. These towns are selected based on their proximity to mega city as well as based on what they offer to potential residents of that town. Places like Sanand are selected as satellite town and is aimed to be developed and planned to have better urban infrastructure and economic opportunities.

As shown in the diagram, towns like Sanand is expected act as buffer for rural out migration and the concept in future will try and reduce the stress on urban infrastructure of mega cities and will also provide better economic opportunities and quality of life to the under privileged Indian citizens.



The concept of satellite towns development has shown good results in countries like USA, UK and France couple of decades ago, however, similar efforts in Indian context, have not been very successful mainly due to lack of infrastructure and adequate linkages with the main city. Thus, this project would attempt to achieve better urban development strategies at national as well as regional level, through revitalization of these satellite towns.

<b>Planning Instruments in India</b>	
<b>Type of Plan</b>	<b>Description</b>
<b>Perspective Plan</b>	A long term (20-25 years) policy plan of spatio- economic development of settlements
<b>Development Plan/Comprehensive</b>	Conceived within framework of the approved perspective plan, it is a medium term comprehensive plan of spatial-economic development of the urban centre. Mandated under the state legislature
<b>Annual Plan</b>	it is a plan containing the physical and fiscal details of new and ongoing projects that the local authority intends to implement during the respective financial year. Commonly in practice in all major departments and ULBs.
<b>Sectoral Plans</b>	Transport, Solid Waste, City Sanitation, Socio-Economic etc with a detailed focus on the specific sector development
<b>Master Plans</b>	These are spatial plans depicting form of an urban area for future development
<b>Zonal Plans</b>	Land Use Detailing of a Smaller area/zone/precinct within the city
<b>Town Plan/Local Area Plans</b>	Small Local area detailing
<b>City Development Strategies(CDS) (WB)</b>	Strategic Planning recommendations focus on economic growth, good governance, social inclusion and poverty reduction.
<b>City Development Plan (JNNURM)</b>	Planning document incorporating vision and future development for cities.

*Compiled from UDPFI, JNNURM Guidelines, Institute of Town Planners, India*

### About CEPT

CEPT is a premier academic, research, consulting, training and capacity building institute, working in the field of Human Settlements and Environment. CEPT has established itself as a national centre of excellence in various fields related to Urban Development Policy, Planning and service delivery.

#### **CEPT Research and Development Unit (CRDU)**

CEPT concerns itself primarily in the diversified fields of Urban and Regional Planning, Environmental Planning, Housing, Urban Design, Landscape Architecture, Construction Technology and Project Management, and Interior Design. The vast range of disciplines and the highly qualified faculty are unique for their ability to deal in the fields of their expertise and carry out research in multi-disciplinary/inter-disciplinary areas. Along with teaching, the faculty also involve themselves in various research projects and consultancies with the added purpose of

- Furthering academic knowledge and understanding with field experience
- Offering the society at large, the potentials of interactive disciplines in solving planning or building tasks
- Offering students/graduates an opportunity to learn from real life situations.
- Publishing findings of research/consultancy in such a manner as to further understanding develop teaching materials and make available to a wider audience, knowledge and expertise.

#### **Types of Projects/Training being undertaken:**

Core areas where CEPT has done considerable amount of research and consultancy, has been shown in the chart below.



The institute, through its vast range of disciplines and highly qualified faculty members carry out the research and development activities in many multi-disciplinary/ inter-disciplinary areas. Broadly speaking, these areas are:-

- Development Proposals / Strategies / plans for towns / tourist places / Religious places
- City Development strategies & Vision Statements.
- Preparation of Master Plans, Land use plans, Town planning etc.
- Infrastructure developments, Revitalization proposals
- Re-Development plans, integrated development plans.
- Feasibility studies for new developments and re-vitalization projects.
- Architectural Designs

- Structural Assessments and designs, re-construction consultancies.
- Quality Assurance, Condition surveys.
- Periodic inspections, supervisions for high quality civil works.
- Environmental assessment projects.
- Strategy formulations, survey work etc. for urban poor and other class/ categories of various locations.
- GIS Studies/ Training, Health Mapping, Wet Land Studies etc. of various locations.
- Bid process management, tender preparations, tender evaluations etc.
- Traffic management, transportation, transit systems, transport nagar planning, road development etc.
- Consultancy on fish processing industries, harbor developments
- Urban governance
- Disaster management, loss assessments.
- Space management and interior design projects.
- State / National / International level seminars, training programmes workshops on various related topics