TEMPLATE FOR SERVICE LEVEL IMPROVEMENT PLAN (SLIP)
GREEN SPACE AND PARKS

1.   Assess the Service Level Gap

First and foremost aspect of SLIP is to assess the existing situation and service levels gaps for organised Green Space and Parksbased on standards prescribed in URDPFI Guidelines and National Building Codes (Refer AMRUT Guidelines; Para 3.1.6& 6.2). This shall also include describing existing institutional framework vis-à-vis development and maintenance of organised green space/ parks. In order to assess the service level gap the City shall have to review all policies, plans; scheme documents etc., hold discussions with concerned officials and citizens, as per the requirement and conduct physical assessment of city parks to understand the current status (Refer Indicative Parks Assessment Tool as given in Annex-1). The city should undertake overall assessment of Parks and Open/ Green Space in terms of a) available general services and facilities, b) Physical Activities resources, c) family facilities including child friendly play equipment's, and, d) aesthetics and other

While discussing about the existing status of the organised green space in your city make a sincere effort to analyze the proportion of area under the categorization of parks as per URDPFI Guidelines eg: Housing Area Park (HAP), Neighbourhood Park (NP) Community Park (CP), District Park (DP), and Sub-City Park (SCP). Also focus on qualitative aspects of existing parks like geographical distribution across the city, encroachments, child and elderly friendly features;staffing, maintenance & equipment issues; and maintenance by RWAs/ Corporates under their CSR Activities etc.

Please respond to the questions given below (Word Limit:500 words).

- What are the available data sources/ plans/ reports/ schemes that exists as regards development and maintenance of parks?

  Ans- Census 2011,and data collected from all zone of nagar nigam Raipur.

- Review the recommendation on open/ green space as per Master Plan/ Development Plan and map existing green cover against the same.

  Ans- Only around 3% area(as per CDP) of the city under open space and water bodies, and maintenance of the water bodies and parks needs to be improved.

- Does the ULB follow URDPFI Guidelines to categorize its organised greens/ parks/ open space or follow its own categorization? If ULB follow its own categorization, what is the rationale and how well they are interlinked to development of parks?

  Ans- we are following master plan of Raipur regarding greens/parks open space.

- What is the per person open space availability in the city in general and within built-up areas?

Table 1: Service Level Status

Sr. No.	Indicators	Present Status	Benchmark
1	Per Person Open Space in Plain Areas as per URDPFI	**Approximately 10% of open plot area.** **Detailed SLB study will be taken up this year, and projects will be included in next FY's SLIP.**	10-12 sq.m. per person
2	Per Person Open Space in Built-Up Areas as per National Building Code (NBC)		3 sq.m. per person

Source: URDPFI – 2014 & Analysis of ULB Level Data

- Have the ULB/ City prepared park wise inventory of facilities and amenities? (ULB should identify some of the quick-win parks, which could be developed with minimal intervention that can attract good number of citizens)

  Ans- No

- How is the physical condition of parks in the city? Do they have boundary wall, fenced area, facilities of public conveniences, tubewell, dustbins etc. (Mention in proportions, if possible)

  Ans- Some of the parks has fenced area,boundary wall,dustbins etc. but some the parks we have doesn't have the above facility.

- Whether parks have well planned play area encouraging physical activity? Are they equipped with child friendly play equipments, snack/ ice cream parlours/ kiosks etc. (Mention in proportions, if possible)

  Ans- some of the parks have the above facilty but some f the park doesn't have these facility.

- How well aesthetics component have been built in parks of your city? Are they well illuminated, landscaped – manicuredwith waterbodies/ fountains etc. wherever possible? (Mention proportions, if possible)

  Ans- There are about 4 parks which comes under these criteria.

- Are there some running schemes/ projects – Central/ State/ Donor funded in the city as regard development of parks/ open spaces? Or else ULB is funding park development of parks/ green space out of its own budget?

  Ans- There are two scheme first is 1)state govt. scheme 2) industrial C.S.R. fund.

- Explain the process how a park/ open space is normally shortlisted for development? Does the city have rationale for park selection for development or it is done on ad-hoc basis.

  Ans-Parks is developed in the city by public demand, and it is developed when there is some open land in the area.

- List the organizations/ authorities/ private sector firms etc. and describe their roles and responsibilities in development of city parks/ open space along with green area under their jurisdiction.

Table 2:Jurisdiction wise – Allocation of Green Space and Parks

Sr. No.	Jurisdiction	No. of Parks	Area of Parks (in sq.m.)	Proportion (in %age)
1	ULB	160	4,98,381.14sq.m.	
2	Development Authority	5	1,20,000 sq.m.	
3	Private Ownership –	550	5,15,420 sq.m.	

	Corporate/ NGOs			
	Total		1,133,801.14	

Source: Analysis of ULB Level Data

2. Bridging the Gap

Once the gap between the existing Service Levels is computed, list out initiatives undertaken in different ongoing programs/ projects/ master – development plans to address these gaps. While bridging the gaps convergence with other ongoing Central, State and Local Government Programs/Schemes will also be looked into. Based on above, objectives will be developed to bridge the gaps (AMRUT Guidelines; Para 6.3, Annexure-2; Table 2.1). Each of the identified objectives will be evolved from the outcome of physical assessment of parks using "Assessment Tools for Parks" (Refer Annex-1 of this document) and meeting the opportunity to bridge the gap.

As per para 5.1 (Sr.No.6) of AMRUT guidelines all projects involving development of green spaces & parks shall have to make special provision for child friendly components and establish a system of maintenance with local residents participation. At least one park from each of the 500 ULBs under AMRUT would be taken up for developing facilities for Children, Youth and Elderly.

Assessment of the current status of City parks/ open spaces would clearly bring out the gap/ dearth of open spaces in terms of area allocation, having inadequate citizen friendly features and issues pertaining to its maintenance. And these will lead to formulation of three broad objectives.

Please respond to the following questions in not more than 500 words.

- Have the city took physical assessment of city parks? (ULB's may refer Annex-1 indicative procurement of this document).
  Ans-Yes
- Try estimating demand gap of open/ green space in the city as per the URDPFI norms and space requirement as per NBC code.
  Ans-NA

- Explain how the city plans to fill the gap in green cover and progressively enhance green cover within City to 15% over next 5 years.
  Ans- By state govt. schemes and by industrial C.S.R.

- Assess and describe, if requisite provisions as per Master Plan and other State legislation have already been made?
  Ans- Yes

- Explain the city's action plans to make special provisions for installing child friendly components in the city parks as per AMRUT Guidelines.

> **Ans- There is a proposal for Upgradation of existing parks and development of new parks in neighbourhood, community and city levels as per the URDPFI / Master Plan guidelines.**

- Explore option for O&M Contracts with (RWAs/ Citizens Groups/ Corporate Groups - CSR). Explain how the city plans to establish a system of maintenance with active citizens engagement as per AMRUT Guidelines
  Ans- City have O&M contracts with CSR& ULB fund.
- List out initiatives undertaken in different ongoing programs and projects to address the gaps in enhancing the green cover. For this provide details of ongoing projects being carried out under different schemes with status and when the existing projects are scheduled to be completed? Provide information in Table XX.

Table XX: Status of Ongoing/ Sanctioned

Sr. No.	Name of Project	Scheme Name	Cost in RsLakhs	Month of Completion	Status (as on dd Month 2015)
	NA				

Objectives

Based on above, objectives will be developed to bridge the gaps. While developing objectives following question shall be responded so as to arrive at appropriate objective.

- Please provide a set of 2-3 objectives to meet the gap in not more than 100 words.
  Ans- We can meet the gap by exploring new open space in city for development of new parks,by development of existing parks and by adopting CSR schemes.

3. **Examine Alternatives and Estimate Cost**

   Suggest alternatives/ options to complete the ongoing projects pertaining to developing parks and green spaces. Identify quick-win parks and open space which can also have play area and associated facilities for Children, Youth & Elderly. (Word Limit: 100 Words)

   Ans- PPP model or CSR Model including operation maintenance can be effective method in developing parks and green spaces.

4. **Citizen Engagement**

   ULBs will organize and conduct city level citizen consultation and receive feedback on the suggested alternatives and innovations. Each alternative will be discussed with citizens and activities to be taken up will be prioritized to meet the service level gaps. ULB will prioritize these activities and their scaling up based on the available resources. (AMRUT Guidelines; Para 6.6, 6.7 & 7.2). Please explain following questions in not more

than 200 words detailing out the needs, aspirations and wishes of the local people. (Word Limit: 100 Words)

- Has all relevant stakeholders groups been involved in the consultation?
  Ans-Yes
- Has ward/ zone level consultations held in the city?
  Ans-Yes
- Has alternatives explored are crowd sourced?
  Ans- Some alternatives are crowd sourced.
- What is feedback on the suggested alternatives and innovations?
  Ans- Feedback came to make provision of picnic spots, regional parks, city level parks, and ward/zone level parks is proposed to provide a better life and environment to the citizens and also to support social development within the city.
- Has alternative taken up for discussions are prioritized on the basis of consultations?
  Ans- NA
- What methodology adopted for prioritizing the alternatives?
  Ans-NA

5. **Prioritize Projects**

Based on the citizen engagement, ULB will prioritize these activities and their scaling up based on the available resources to meet the respective objectives. While prioritizing projects, please reply following questions (Word Limit: 100 Words)

- What are the sources of funds?
  Ans-State Govt. funds and CSR funds.
- Has projects been converged with other program and schemes?
  Ans-NA
- Has projects been prioritized based on "more with less" approach?
  Ans-NA

6. **Conditionalities**

Describe the Conditionality's of each project in terms of availability of land, environmental & social obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project.(Word Limit:100 words)

Ans- RMC develops parks in its own land preferably as per master plan and there is no need of permission from environmental and social obligation. After financial commitment no need to approval and permission.

7. **Resilience**

Required approvals will be sought from competent authority and organizations. The resilience factor would be built in to ensure environmentally sustainable, safe and secured park development schemes. (Word Limit:100 words)

Ans- As per master plan.

8. **Financial Plan**

Once the activities are finalized and prioritized after consultations, investments both in terms of capital cost and O&M cost has to be estimated. (AMRUT Guidelines; para 6.5) Based on the investment requirements, different sources of finance have to be identified. Financial Plan for the complete life cycle of the prioritized development will be prepared. (AMRUT Guidelines; para 4, 6.6, 6.12, 6.13 & 6.14). The financial plan will include percentage share of different stakeholders (Centre, State and City) including financial convergence with various ongoing projects. While preparing finance plan please reply following questions (Word Limit:100 words)

- How the proposed finance plan is structured for transforming and creating infrastructure projects?
  Ans- Currently the finance structure is funded by state govt. and ULB fund.
- list of individual projects which is being financed by various stakeholders ?
  Ans- some parks and crossings is being funded by CSR.
- Has financial plan prepared for identified projects based on financial convergence and consultation with funding partners?
  Ans- NA
- Is the proposed financial structure is sustainable? If so then whether project has been categorized based on financial considerations?
  Ans-NA
- Have the financial assumptions been listed out ?
  Ans-NA
- Does financial plan for the complete life cycle of the prioritized development?
  Ans-NA
- Does financial plan include percentage share of different stakeholders (Centre, State, ULBs and)
  Ans-NA
- Does it include financial convergence with various ongoing projects
  Ans-NA.

- Does it provide year-wise milestones and outcomes?

  Ans-NA

Details in financial plan shall be provided as per Table 2.7, 2.8, 2.9, 2.10 and 2.11. These tables are based on AMRUT guidelines tables 2.1, 2.2,2.3.1,2.3.2, and 2.5.

Table 2.1 Financial plan for Mission Period

S.No.	Project Name	Priority No.	Year in which implemented	Year in which proposed implemented	Estimated cost in Crore
1	Construction and renovation of parks and greens.	1	2016-20	2020	12.00
Total					**12.00 crore**

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Annex-1: Indicative Assessment Tools for Parks (Indicative – ULBs can have its own assessment tool as per the requirement or customize this tool to suit its need)

Name of the Park: Gandhi/Nehru garden. Name of Ward: Civil Line

Category of Park: ------------Area of Park (In sq.m.): 2788150 sq.feet.

Sl. No.	Element	Sub-Element	Assessment Parameter
1	General Space	Open/ Green space, landscaped area (manicured etc.), General areas for large organised social interaction.	Average size, Condition, Flatness and Proximity to water areas.
2	Paved Pathways	Existence and Surface	Condition, Width, Flatness, Obstruction and Shade.
3	Water Areas	Water Areas (Shallow Water bodies for children, ponds, streams, fountains)	Average size, Water quality, and Movement.
4	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tube well, Space for Vendors – local snacks, ice cream kiosks.	Condition, Ground flatness, Openness, Visibility, and Supply source
5	Facilities	Metallic Fence/ Boundary Wall, Theme based Entry Gate, Recreation Centre Shelters/ Pavilions/ Entertainment venue/ Stage/ Amphitheatre, Basic Illumination with designer lamps using LED lights, Parking Space, Compost Beds, Public Conveniences, Dustbins, Rain Water Harvesting structures for paved area wherever possible (for optimum utilisation of water),	Size, and Condition.
6	Sitting or Resting Features	Benches, Picnic Tables, Seat walls. Picnic shelters - Semi-Pucca/ Pucca Huts, (equipped with energy efficient solar panels & LED lights)	Condition, Comfort, Landscaping, and Shade.
7	Landscaping	Flowers, shrubs/bushes, landscaping, manicured	Variety, Colour, and

SI. No.	Element	Sub-Element	Assessment Parameter
		gardenand compost beds. Play Squares/ Circle integrated with fountains, sculptors of personalities, Drawing wall for children, Illumination, Garden Clocks.	Condition
8	Play Set/ Structures (for Children)	General play set, soft ball play area, thing to hang from, slide down, climbing, descending and standing features, swings, blacktop, spring, toys, imaginary play structures, hanging sets – sea saw etc.	Openness Visibility, Coverage/ Shade, Condition, and Levelness, Colourfulness, Size of feature, and Height of ground.
9	Play Area (for Adolescent)	Badminton courts, Kabaddi area, kite flying, flying discs, soft ball tossing area etc. Should be safe & secured for children (High tension line/ transformer must be relocated)	Condition, Drainage, and Perimeter.