

Green Spaces 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 Parks based 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 organized 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 (e) safety; (g) accessibility

While discussing about the existing status of the organized 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), Neighborhood 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/ Corporate under their CSR Activities etc.

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

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

Answer: Maintenance of the parks is done by Nagar Palika Parishad, Horticulture Department and Vindhya Vikas Parishad.

Question: Review the recommendation on open/ green space as per Master Plan/ Development Plan and map existing green cover against the same. Identify the areas where there is deficiency of open/green space

Answer: In the old city and build up area there is no land for new parks. Per person open space in built up area in the city is 0.0026 Sq.M and per person open space is 0.26 Sq.M.

Question: 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?

Answer: Currently no guidelines for categorization are followed but NNP Azamgarh plans to use Categorization of parks based on U.P. parks, playground and open space (preservation) act- 1975 and its Rules.

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

Answer: Open space availability is 0.26 Sq.M per person.

Table: Service Level Status

Sr. No.	Indicators	Present Status	Benchmark	Source	Reliability Factor
1.	Per person open space in built up	0.0026 Sq.M	3 Sq. M	Masterplan/Development	Low-C
2.	Per person open space	0.26 Sq.M	10-12 Sq. M	Masterplan/Development	Low-C

Source: URDPFI – 2014 & Analysis of ULB Level Data

Question: 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)

Answer: Yes, ULB Azamgarh has prepared park wise inventory of each park in which facilities and amenities have been identified and the gaps will be taken up in redevelopment of existing park.

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

Answer: There is lack of basic amenities, green cover, child friendly equipments etc. in the Parks.

Question: 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)

Answer: There is neither well planned play area in any park that encourages the physical activity nor the parks are equipped with child friendly play equipments, snack/ice cream parlours/kiosks etc.

Question: How well aesthetics component have been built in parks of your city? Are they well illuminated, landscaped – manicured with water bodies/ fountains etc. wherever possible? (Mention proportions, if possible)

Answer: There are total 03 Parks out of which 1 park have aesthetic component. Beside these parks other no parks have any aesthetic component.

Question: 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?

Answer: At present no such scheme is running.

Question: 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.

Answer: It is done on ad-hoc basis. Parks are prioritized on the basis of demand from citizens.

Question: 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.

Answer: Avas vikas has identified the area for park in all residential colonys and has been handed over to ULB who will be responsible for the development of parks.

Question: Where can new parks be developed in the future; how much space may be available.

Answer: New parks may be developed in proposed future housing projects by Prescribed Authourity & Avas Vikas Parishad, Azamgarh.

Question: As per the DP or Master Plan for new areas, how much is allocated?

Answer: master plan is available for NPP Azamgarh which indicates 26.74% area allocated for parks

Question: Who manages the parks in the city? How much delegation of responsibility has been given to RWAs and/or NGOs?

Answer: ULB manages the parks in the city. At present no delegation of responsibility has been given to RWAs or NGOs. Only ULB is responsible for it.

Question: Which parks get flooded or water logged?

Answer: Every park can be accessed easily. None of them get flooded/water logged.

Question: Does the ULB have any guidelines for providing safe and secure access to parks for children and elders?

Answer: At present ULB Azamgarh have no guideline for providing safe and secure access to parks for children and elders.

Question: Is there a system for preventing the entry of animals into parks?

Answer: No such system is available for preventing the entry of animals into parks.

Question: Does the city have any guidelines for horticulture; types of trees and plants, etc?

Answer: At present city does not have any guidelines?

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	03	32150 Sq.M	0.26%

Sr No.	Jurisdiction	No. of Parks	Area of Parks (in sq.m.)	Proportion (in %age)
2.	Development Authority	0	0	0
3.	Private Ownership – Corporate/ NGOs	0	0	0
	Total	03	32150 Sq.M	0.26%

Table 3: Hierarchy of Organised Greens in the City (As per URDPFI -2014)

Sr No.	Category	No. of Parks	Area Under the Category (in sq.m.)	% Area Under Parks/ Open Space
1.	Housing Area Park (HAP)(Less than 5,000 sq.m.)	02	2150 Sq. M	1.76%
2.	Neighbourhood Park (NP)(5,000 -10,000 sq.m.)	0	0	0
3.	Community Park (CP)(10,000 - 50,000 sq.m.)	01	30000 Sq.M	24.57%
4.	District Park (DP)(50,000 – 2,50,000 sq.m.)	0	0	
5.	Sub-City Park (SCP)(2,50,000 sq.m. & above)	0	0	0
.	Total	03	32150 Sq.M	26.33%

2. Bridge 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

Question: Have the city took physical assessment of city parks? (ULB's may refer Annex-1 indicative procurement of this document).

Answer: Yes we took physical assessment of city parks. All the parks in the city have boundary walls. 5 parks have paved pathways, play sets, play area, eating/drinking feature, sitting or resting feature, landscaping, etc. In the remaining parks these facilities will be developed under AMRUT.

Question: Try estimating demand gap of open/ green space in the city as per the URDPFI norms and space requirement as per NBC code.

Answer: The open space availability in the city is 0.26 Sq.M per person but according to URDPFI norms per person open space should be 10-12 Sq.M per person.

Question: 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. ?

Answer: There no land for parks in the old built up area. Existing parks will be redeveloped and green cover will be increased within these existing parks.

Question: Assess and describe, if requisite provisions as per Master Plan and other State legislation have already been made?

Answer: master plan is available for the city as per discussion by concerning Prescribed Authority.

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

Answer: city plans to make special provisions for installing child friendly components in the city parks as per AMRUT Guidelines

Question: 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.?

Answer: The Nagar Palika Parishad Azamgarh will develop the parks with all faculties and the maintenance of the parks.

Question: 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.

S.No .	Name of Project	Scheme Name	Cost in Rs Cr.	Sheduled Month of Completion	Status (as on dd mm yy)
	NO ONGOING PROJECT.				

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.

Question: Please provide a set of 2-3 objectives to meet the gap in not more than 100 words.

Answer: 1- Redevelopment of existing parks.

2- Providing facilities like children friendly equipments, landscaping, development of sitting area, pathways, lights/Lamps, Boundary walls and beautification through fountains in existing parks.

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)

Answer: At present there is no ongoing project pertaining to develop 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)

Question: Has all relevant stakeholders groups been involved in the consultation?

Answer: A survey has been done involving all relevant stakeholders.

Question: Explore option for O&M Contracts including PPPP with (RWAs/ Citizens Groups/ Corporate Groups – CSR, Selling advertisement rights etc.).

Answer: In future ULB will make O&M contracts through Public Private Community Partnership (PPCP).

Question: Explain how the city plans to establish a system of maintenance with active citizen's engagement as per AMRUT Guidelines.

Answer: The ULB Azamgarh is planning to establish a system of maintenance with active citizen engagement by applying a minimum entry charges.

Question: Has ward/ zone level consultations held in the city?

Answer: Yes, ULB Azamgarh has conducted meeting with ward members on 21/07/2015 also meetings and consultations were done with citizens on 09/08/2015 in Nagar Palika Parishad Meeting Hall Azamgarh and on 28/09/2015 at NPP Azamgarh.

Question: Has alternatives explored are crowd sourced?

Answer: Yes, alternatives explored are crowd sourced. Public consultation were also done and opinion was shared Nagar Palika website: www.nppazamgarh.com

Question: What is feedback on the suggested alternatives and innovations? (100 words)

Answer: During all meetings suggestions for rejuvenation of the existing parks with all facilities were received.

Question: Has alternative taken up for discussions are prioritized on the basis of consultations?

Answer: The ULB Azamgarh called meetings at ward level for discussions on alternatives. Suggestions regarding development of parks have been prioritized. Meetings with ward members on 21/07/2015 also meetings and consultations were done with citizens on 09/08/2015 in Nagar Palika Parishad Meeting Hall Azamgarh and on 28/09/2015 at NPP Azamgarh.

Question: What methodology adopted for prioritizing the alternatives?

Answer: The alternatives have been prioritized based on the requirement of each parks identified during the preparation of inventory.

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)

Question: What are the sources of funds?

Answer: At present there is no source except central Govt. or State Govt. funding.

Question: Has projects been converged with other program and scheme

Answer: Project has not been converged with any other program and scheme.

Question: Has projects been prioritized based on “more with less” approach?

Answer: Yes

6. Conditionalities

Describe in not more than 300 words the Conditionality's of each project in terms of availability of land, environmental obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project.

Answer: Land is available for rejuvenation of parks. The land is under possession of ULB Azamgarh.

7. Resilience

Required approvals will be sought from ULBs and competent authority and resilience factor would be built in to ensure environmentally sustainable water supply scheme. Describe in not more than 300 words regarding resilience built in the proposals.

Disaster and environmental aspects will be considered for installation of equipments and development of other amenities

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)

Question: How the proposed finance plan is structured for transforming and creating infrastructure projects?

Answer: Project will be funded by GOI, State & ULB in ratio 50% goi AND 50% state and ULB.

Question: List of individual projects which is being financed by various stakeholders ?

Answer: Individual projects which is being financed by various stakeholders includes GOI, State Government & ULBs.

Question: Has financial plan prepared for identified projects based on financial convergence and consultation with funding partners?

Answer: Yes, financial plan prepared for identified projects based on financial convergence and consultation with funding partners .i.e GOI, state and ULB

Question: Is the proposed financial structure is sustainable? If so then whether project has been categorized based on financial considerations?

Answer: Yes the financial structure is sustainable.

Question: Have the financial assumptions been listed out?

Answer: Yes, financial assumptions been listed out.

Question: Does financial plan for the complete life cycle of the prioritized development?

Answer: Yes financial plan for the complete life cycle of the prioritized development.

Question: Does financial plan include percentage share of different stakeholders (Centre, State, ULBs)

Answer: Yes, financial plan include percentage share of different stakeholders.

Question: Does it include financial convergence with various ongoing projects.

Answer: No ongoing projects

Question: Does it provide year-wise milestones and outcomes?

Answer: Yes, it provide year-wise milestones and outcomes

Details in financial plan shall be provided as per Table 8.2, 8.3, 8.4 and 8.5 These tables are based on AMRUT guidelines tables 2.1, 2.2, 2.3.1, 2.3.2, and 2.5.

TABLE 8.2 DETAILS OF PRIORITIZED PROJECTS PROPOSED UNDER AMRUT DURING FINANCIAL YEAR

(As per Table 2.2 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No	Project Name	Physical Components	Change in Service Levels			Estimated Cost
			Indicator	Existing (As-Is)	After (To-be)	
1.	OLD JAIL PARK Area – 30000 Sq.M	Paved Pathways, Plantation, Chair, Table, Dustbin, Kids Playing item. (3000 Sq. M) Aprx 1942/- Per Sq.M (As per Project Estimate.)	Per person open space			0.5826 Cr.
		Child-friendly play Equipment's (Shallow Water Park) Area – 2162.36 Sq.M Rate -5160/- Sq.M	Kids Play Area			1.116 Cr.
		Recreation hall Area – 31.69 Sq.M Rate – 117153.6/- Sq.M	Park			0.3711 Cr.
		Constructions of Fountain (As per Project Estimate)				0.046 Cr.

Sr. No	Project Name	Physical Components	Change in Service Levels			Estimated Cost
			Indicator	Existing (As-Is)	After (To-be)	
		Ground for Badminton , Kabbadi, flying disc etc (as per project estimate)				0.0425 Cr.
		Hut at Picnic Spot - 6 No. @203341/-				0.122 Cr.
		Shop for Eating & Drinking – 03 No @496979/-				0.149 Cr.
		Benches (as per project estimate)				0.0031 Cr.
		Toilet Block, Septic Tank & Soakpit				0.0571 Cr.
		Boundary wall & Gate Area – 700 Mtr Rate – 10412.75/- Mtr.				0.73 Cr.
		7.50% for Internal & External Electrification				0.242 Cr.
		2.50% for Water Supply, Harvesting, Sanitation & Drainage System.				0.081 Cr.
		1.0% Labor Cess.				0.0356 Cr.
Total Amount Rs.		3.578 Cr.				

TABLE 8.3 ANNUAL FUND SHARING PATTERN FOR SEWERAGE PROJECTS

(As per Table 2.3.1 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr No	name of Project	Total Project Cost	Share				
			GOI	State	ULB	Others	Total
1.	OLD JAIL PARK Area – 30000 Sq.M	3.578 Cr.	1.789 Cr.	1.789 Cr.	0	0	3.578 Cr.
Grand Total Amount Rs.		3.578 Cr.					

TABLE 8.4 ANNUAL FUND SHARING BREAK-UP FOR SEWERAGE PROJECTS

(As per Table 2.3.2 of AMRUT guidelines)

Sr. No.	Project	GOI	State			ULB			Converg ence	others	Total
			14th FC	Others	Total	14th FC	Others	Total			
1	OLD JAIL PARK Area – 30000 Sq.M	50%	-	50%	-	-	-	-	-	100%.	

TABLE 8.5 YEAR WISE PLAN FOR SERVICE LEVELS IMPROVEMENTS

(As per Table 2.5 of AMRUT guidelines)

Proposed Projects	Project Cost	Indicator	Baseline	Annual (Increment from the Baseline Value) Targets					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
OLD JAIL PARK Area – 30000 Sq.M	3.578 Cr.	Per person open space	0.26 Sq.M		0.26 Sq.M	0.26 Sq.M			

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			1 - OLD JAIL PARK	
Name of Ward/Zone			1 – Jail Road, Azamgarh.	
Category of Park			HAP	
Area of Park			(Area – 30000 Sq.M)	
Sr No.	Element	Sub-Elements	Assessment Parameter	Response
1.	General Space	Open/ Green space, landscaped area (manicured etc.), General areas for large organized social interaction.	Population Catered	10000 Persons (Aprox)
			Condition	Bad
			Flatness	Highly Undulating
			Proximity to Water Areas	No
2.	Paved Pathways	Existence and Surface	Existence	No
			Condition	Bad
			Width	Meters
			Flatness	Completely Flat
			Obstruction	No
			Shaded Area	No

Sr No.	Element	Sub-Elements	Assessment Parameter	Response
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Bad size	
			Water Quality	No
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tubewell, Space for Vendors <input type="checkbox"/> local snacks, ice cream kiosks.	Availability of Drinking features	No
			Supply Source	No
			Availability of Eating Features	No
			Condition	Bad
			Flatness	Completely Flat
			Openness	4 Sides Open
			Visibility	Easily Visible
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),	Boundary Type	Required Re Development of Boundary Wall.
			Boundary Wall	No
			Number of Entry Gates	No
			Material of Entry Gates	Open Space
			Recreation Centre/Amphitheatre/Stage	No
			If Yes, Condition	

Sr No.	Element	Sub-Elements	Assessment Parameter	Response
			No of Illumination Point(All)	No
			Whether Solar Illumination being used	No
			No of Illumination Point (Solar)	No
			Parking Space	No
			Public Convenience(Men)	No
			Public Convenience(Women)	Yes
			Availability of Dustbins	Yes
			No of Dustbins	No
			Availability of Compost Beds	No
			Availability of Rains Water Harvesting Facility	No
6.	Sitting or Resting Features	Benches, Picnic Tables, Seat walls. Picnic shelters - Semi-Pucca/ Pucca Huts, (equipped with energy efficient solar panels & LED lights)	Availability of Benches	No
			No of Benches	No
			Availability of Picnic Tables	No
			No of Picnic Tables	No
			Availability of Semi Pucca Huts	No
			No of Semi Pucca Huts	No
			Whether Huts are Illuminated	No
			Whether Solar Panel Used for Illumination	No
7.	Landscaping	1.1 Flowers, shrubs/ bushes, landscaping, manicured garden	Variety	No

Sr No.	Element	Sub-Elements	Assessment Parameter	Response
		and compost beds. Play Squares/ Circle integrated with fountains,		
			Colour	No
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 <input type="checkbox"/> sea saw etc.	Openness	4 Sides Open
			Visibility	Easily Visible
			Shared Area	No
			Condition	Bad
			Levelness	Easy accessibility for Children
			Colorfulness	No
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)	General Play Area(kite flying, flying disc, soft ball toss area etc.)	No
			Badminton Court	No
			Kabaddi Area	No
			Condition	Bad
			Drainage	Property Drainage