

City Name – Shamli

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 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).

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

Answer: Development and maintenance of park are maintained by NPP Shamli.

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: There is no master plan available for the city. There is no new land for parks in the old built up area. ULB Shamli is planning to acquire spaces in the new developing areas of the city.

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: Categorization of parks is followed by the guidelines of U.P. parks, playground and open space (preservation) act- 1975.

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

Answer: Open space availability in buit up area is 2.44 Sq. M per person.

Table 1: Service Level Status

Sr. No.	Indicators	Present Status	Benchmark
1	Per Person Open Space in Plain Areas as per URDPFI (2718/107233)	0.025	10-12 sq.m. per person
2	Per Person Open Space in Built-Up Areas as per National Building Code (NBC) (262300/107233)	2.44	3 sq.m. per person

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: No, ULB Shamli does not have park wise inventory.

Question: 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)

Answer: The physical condition of parks in the city is good. There is boundary wall, fencing, green cover 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 waterbodies/ fountains etc. wherever possible? (Mention proportions, if possible)

Answer: There is no any aesthetics component in the park.

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 there is 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: Park for the development has been short-listed by considering the two factors: 1) Providing facility to maximum people, 2) Minimum investment for development.

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: Different NGOs and local residents are taking care of the development of the city..

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 Authority & Avas Vikas Parishad, Shamli.

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

Answer: Master plan is not available.

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. ULB is only maintaining the parks.

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 Shamli 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: There is boundary wall and fencing 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 (insq.m.)	Proportion (in %age)
1	ULB (676/262300 x100)	1	676	0.26%
2	Development Authority	-	-	-
3	Private Ownership – Corporate/ NGOs (2042/262300 x100)	4	2042	0.78 %
	Total	5	2718	1.04%

Source: Analysis of ULB Level Data

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. Parks are of small size with no facilities like paved pathways, play sets, play area, eating/drinking feature, sitting or resting feature, landscaping, etc. 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 0.025 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 new land for parks in the old built up area. City is planning to acquire new spaces in the new developing areas of the city. But now we want to redevelop the old parks already existing in the city.

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

Answer: There is no any the master plan of the city

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: NPP will develop the parks with all faculties and the maintenance of the parks shall be done by involving RWAs/ Citizens Groups and NGOs. CSR component shall also be considered for maintenance and development of Future 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.	Scheduled 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 Shamli 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, NPP has conducted meeting with ward members on 13/10/2015 in ward5,10,13 with few ward members and other citizen.

Question: Has alternatives explored are crowd sourced?

Answer: Yes, alternatives explored are crowd sourced. Public consultation were also done and opinion was shared NPP website: nppshamli@gmail.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 NPP Shamli called meetings at ward level for discussions on alternatives. Suggestions regarding development of parks have been prioritized.

Question: What methodology adopted for prioritizing the alternatives?

Answer: The minimum charges/maintenance fee required with maximum number of citizens.

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: ULB does not have its own land for the parks and to fulfill the above conditions for those parks under the possession of private/NGOs are under process.

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: No, individual projects which is being financed by various stakeholders.

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.	Commnity Park Near S.P office, Shamli Ward – 11 Area – 676 Sq.M	Child friendly play equipments (02 Jhula) @ Rs. 20000.00 each				0.0040 Cr.
		Steel bench in Park 08 Nos. @ Rs. 15000.00 each				0.012 Cr.
		Grassing Rs.750/- Sq. M (Total Area 560 Sq. M) Plantation.				0.042 Cr.
		Dustbin 4No's 2500/- Each				0.001 Cr.
Total Amount Rs.		0.059 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.	Commnity Park Near S.P office, Shamli Ward – 11 Area – 676 Sq.M	0.059 Cr.	0.0295 Cr.	0.0295 Cr.	0	0	0.059 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			Convergence	others	Total
			14th FC	Others	Total	14th FC	Others	Total			
1.	Commnity Park Near S.P office, Shamli Ward – 11 Area – 676 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				
Community Park Near S.P office, Shamli Ward – 11 Area – 676 Sq.M	0.059	Development of Green Spaces/Parks	0.025 Sq. M		0.025 Sq. M	0.025 Sq. M	0.025 Sq. M	0.025 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	Community Park
Name of Ward/Zone	Near S.P office, Shamli Ward – 11
Category of Park	
Area of Park	Area – 676 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	1000 Pesrons (Aprox)
			Condition	GOOD
			Flatness	GOOD
			Proximity to Water Areas	No
2.	Paved Pathways	Existence and Surface	Existence	No
			Condition	GOOD
			Width	Meters
			Flatness	Completely Flat
			Obstruction	No
			Shaded Area	85 sqm
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	NA	NA
			NA	NA
			NA	NA
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tubewell, Space for Vendors ❖ local snacks, ice cream kiosks.	Availability of Drinking features	Yes
			Supply Source is Tubewell	Underground water
			Condition	Good
			Flatness	Completely Flat
			Openness	one sided open
			Visibility	Visible
5.	Facilities	Metallic Fence/ Boundary Wall,	Boundary Type	Yes

Sr No.	Element	Sub-Elements	Assessment Parameter	Response
		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 Wall	Yes
			Number of Entry Gates	one
			Material of Entry Gates	Iron gate
			Recreation Centre/Amphitheatre/Stage	Gym
			If Yes, Condition	under process
			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)	No
			Availability of Dustbins	Yes
			No of Dustbins	2
			Availability of Compost Beds	No
			Availability of Rains Water Harvesting Facility	No

Sr No.	Element	Sub-Elements	Assessment Parameter	Response
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	Yes
			No of Benches	4
			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 and compost beds. Play Squares/ Circle integrated with fountains,	Flower, shrubs and trees are planted	Yes
			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 ❖ sea saw etc.	Openness	No
			Visibility	Visible
			Shared Area	No
			Condition	Average
			Levelness	No
			Colorfulness	No

Sr No.	Element	Sub-Elements	Assessment Parameter	Response
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