

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 organized 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 : Master Plan is available with Regulatory Authority & Nagar Nigam Mathura Vrindavan.

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 Master Plan available for the city. The recommendation of the open/green space as per Master Plan would be covering 14.54 % of the total proposed area. The detail are as follows : 1) Sectional Parks and Open Space - 1991.68 Hectare 2) Green Belt - 233.60 Hectare 3) Sector Park - 483.84 Hectare 3) Regional Park - 202.24 Hectare 4) Amusement Park - 975.36 Hectare 5) District Park - 303.24 Hectare. ULB Mathura-Vrindavan is planning to acquire spaces in the new developing area of the city. In this financial as per direction given by Govt. of UP, the meeting has been held by the Municipal Commissioner dated on 26th July, 2017 to increase the green space in the district, the work is in progress.

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.

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(डा० व्रजेश कुमार)
सहायक नगर आयुक्त
नगर निगम मथुरा-वृन्दावन
मथुरा

		landscaping, Manicured garden 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 ♦ sea saw etc.	Openness	New Area
			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	No

			Flatness	Completely Flat
			Openness	Open Area
			Visibility	Easily Visible
5.	Facilities	Metallic Fence/ Boundary Wall, Theme based Entry Gate, Recreation Centre Shelters/ Pavilions/ Entertainment venue/ Amphitheatre, Stage/ e, Basic Illumination with designer lamps using LED lights, Parking Space,	Boundary Type	Yes
		Compost Beds, Public Conveniences, Dustbins, Rain Harvestin Structure Water g s for are Whereve paved a r possible (for optimum utilisation of water),		
			Boundary Wall	Yes
			Number of Entry Gates	No
			Material of Entry Gates	Open Space
			Recreation Centre/Amphitheatre/Stage	No
			If Yes, Condition	
			No of Illumination Point(All)	No
			Whether Solar Illumination being used	No

Answer: Bhagat Singh Park, AhilyabaiPark,Deendayal Park, Radhanagar park , Baldevpuri park, manasnagar park, Gandhi Park, Parsuram park in there only 8 Parks have partial and convenient facility for public. Developed Park - 28 Under developed - 01 Undeveloped -89

Sr. No.	SAAP Year 2015-16 SLTC /SHPSC	SAAP 2016-17 SLTC /SHPSC	SAAP 2017-20 UPCOMING PARK
1	Bhagat Singh Park	Krishna Vihar phase 3 Park	Jubli Park
2	---	DhaultiPyau school Park	MadhuvanEnchlev Park
3	---	---	Raja MahendraPratap Park
4	---	---	Chandrapuri Park
5	---	---	Gandhi Park
6	---	---	Park near Tripurarisinghal Material in Govindnagar sector F .
7	---	---	Manoharpura Near PanikiTanki.
8	---	---	Mahavidya colony 80 futa road park-A
9	---	---	Mahavidya colony 80 futa road park-B

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.

INDICATORS FOR FURTHER IMPROVEMENT

Sr. No.	Park Name	INDICATORS
1	DhaultiPyau School Park	1- Rock Climber 2- Dustbin 3- Jhoolas 4- Spiral Slide 5- Circular swing 6- Animal Swing 7- Talking Tree
2	Krishna Vihar phase 3 Park	1- Benches 2- Dustbin 3- Rock Climber 4- Talking Tree 5- Micky Mouse-Jhoolas 6- Tower Ground- Jhoolas 7- Spiral Slide 8- Circular swing 9- Animal Swing

		lights)		
			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 and compost beds. Play Squares/ Circle integrated with fountains,	Variety	No
			Colour	No
8.	Play Set/ Structures (for Children)	General play set, soft ball play area, thing to hang from, slide down,	Openness	No

Name of the park			8 - Gandhi Park	
f Ward/Zone			1 - Ward- 65	
Category of Park			HAP	
Area of Park			Area - 7484.60Sq.M	
Sr No.	Element	Sub-Elements	Assessment Parameter	Response

Answer: Master plan is available for Nagar Nigam Mathura Vrindavan 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: At present no delegation of responsibility has been given to RWAs or NGOs. Only ULB is responsible for it. Only Nagar Nigam Mathura Vrindavan manages the 117 parks in the city.

Question: Which parks get flooded or water logged?

Answer: The park can be accessed easily. Some parks 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 Mathura Vrindavan 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: Out of 117 parks, there are only 55 parks have boundary for preventing animals into parks. The work is in progress for made such prevention system in the other 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, such guidelines are only with the forest department.

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

Sr No.	Jurisdiction	No. of Parks 2015	Existing Parks 2017 (Mathura - Vrindavan)	Area of Parks (in sq.m.)	Proportion (in %age) of geographical area
1	ULB	56	117 (108+9)	173217.55	0.276%
2.	Development Authority	-	-	-	-
3.	Private Ownership – Corporate/ NGOs	-	-	-	-
	Total	56	117	173217.55	0.276%

		facilities, picnic are as, vending. Tubewell, Space		
		for Vendors <input type="checkbox"/> loc al snacks, ice cream kiosks.		
			Supply Source	No
			Availability of Eating Features	No
			Condition	Bad
			Flatness	No
			Openness	Open Area
			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	Boundary Type	No

Answer: The Priority in all the 5 parks proposed under AMRUT is to increase green cover.

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 but it has no details regarding parks and green cover.

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: Nagar Nigam Mathura Vrindavan 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.	Scheduled Month of Completion	Status (as on dd mm yy)
1	Bhagat Singh Park	AMRUT	0.5180	6 Month (After contract awarded)	Approved by SLTC
2	DhaultiPyau School Park	AMRUT	0.5631	Tender is in process.	Approved by SLTC
3	Krishna Vihar Phase-3 Park	AMRUT	0.2534	Tender is in process.	Approved by SLTC

			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.	Variety	No
			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	New Area
			Visibility	Easily Visible
			Shared Area	No
			Condition	Bad
			Levelness	Easy accessibility for Children

Answer: The ULB Mathura Vrindavan development of parks have been prioritized. Meetings with ward members on 14/09/2015 also meetings and consultations were done with citizens 19/10/2015 in Nagar Nigam Mathura Vrindavan.

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 source of funding is ULB funds. Under AMRUT central Govt. and State Govt. funds shall be utilized.

2015-16 AMRUT= 0.518 Cr

2016-17 AMRUT= 0.8165 Cr (No fund is received)

2017-20 AMRUT= 1.26 Cr

Question: Has projects been converged with other program and scheme?

Answer: Project has not been converged with any other program and scheme. Though the same would be practiced.

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

Answer: Yes

6. Conditionalities

Describe in not more than 300 words the Conditionalities 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 Mathura Vrindavan.

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.

Answer: Disaster and environmental aspects will be considered for installation of equipment's and development of other amenities

			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	Open Area
			Visibility	Easily Visible
5.	Facilities	Metallic Fence/ Boundary Wall, Theme based Entry Gate, Recreation Centre Shelters/ Pavilions/ Entertainment	Boundary Type	Yes
		venue/ Stage/ Amphitheatre, Basic Illumination with designer lamps using LED lights, Parking Space, Compost Beds, Public Conveniences, Dustbins, Rain Water Harvesting structures for paved		

TABLE 8.2 DETAILS OF PRIORITIZED PROJECTS PROPOSED DURING FINANCIAL YEAR

(As per Table 2.2 of AMRUT guidelines)
(Amount in Rs. Cr)

S. No.	Project	Physical Components of PARKS development	Change in Service Levels			Estimate Cost/DPR approved	
			Indicator	Existing 2015	After 2017 NPP		After 2017 Mathura - Vrindavan
SAAP YEAR : 2015 – 16							
	Bhagat Singh Park Ward - 47 Area - 10000 Sq.M	DPR COMPONENTS : ESTIMATES OF 2015-2016 1.Paved Pathways- 0.13Cr 2.Child Friendly equipments Swing Jhula -0.0104Cr 3.Slide Jhula-0.0045Cr 4.Dustbins-0.0104Cr 5.Fountain-0.07Cr 6.Steel Benches-0.016Cr 7.Landscaping-0.005Cr 8.Semi High Mast Solar System-0.0144Cr 9.Garden Light With Pole (LED) -0.0104Cr 10-Sumber Sable Pump- 0.0202Cr	Per capita green space availability in built up areas	0.37 sqmt /pp	0.41 sqmt/pp	0.326 sq. mt/pp	0.5180 Cr.

SAAP YEAR : 2016 – 17

		landscaping, manicured garden 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 ♦ sea saw etc.	Openness	New Area
			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

Area – 4900 Sq.M	2.Child Friendly equipments Swing Jhula -0.0104Cr 3.Slide Jhula-0.0045Cr 4.Dustbins-0.002Cr 5.Fountain-0.07Cr 6.Steel Benches- 0.012 Cr 7.Semi High Mast Solar System-0.0144Cr 8.Garden Light With Pole (LED) -0.01476Cr 9.Sumber Sable Pump- 0.0101Cr 10-Boundary Wall- 0.1680Cr	space availability in built up areas	/pp			
5 Madhuban Enclave Park Ward – 34 Area – 6400 Sq.M	1.Paved Pathways-0.091 2.Child Friendly equipments Swing Jhula -0.0104Cr 3.Earth Work Filling Area- 0.1715Cr 4.Slide Jhula-0.0045Cr 5.Dustbins-0.002Cr 6.Fountain-0.07Cr 7.Steel Benches- 0.012 Cr 8.Semi High Mast Solar System-0.0144Cr 9.Garden Light With Pole (LED) -0.01476Cr 10-Sumber Sable Pump- 0.0101Cr 11-Boundary Wall- 0.192Cr	Per capita green space availability in built up areas	0.37 sq.mt / pp	0.40 sq.mt / pp	0.324 sq.mt / pp	0.7255 Cr.
6 Raja Mahendra Park Ward – 25 Area – 8800 Sq.M	1.Child Friendly equipments Swing Jhula -0.0104Cr 2.Slide Jhula-0.045Cr 3.Dustbins-0.002Cr 4.Fountain-0.07Cr 5.Steel Benches- 0.052 Cr 6.Semi High Mast Solar System-0.0144Cr 7.Garden Light With Pole (LED) -0.01968Cr 8.Sumber Sable Pump- 0.0101Cr	Per capita green space availability in built up areas	0.37 sq.mt / pp	0.41 sq.mt / pp	0.325 sq.mt / pp	0.7782 Cr.

		local snacks, ice cream kiosks.		
			Supply Source	No
			Availability of Eating Features	No
			Condition	Bad
			Flatness	Completely Flat
			Openness	Open Area
			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	Yes, But Required Maintenance.
			Boundary Wall	Yes
			Number of Entry Gates	No
			Material of Entry Gates	Open Space

TABLE 8.3 ANNUAL FUND SHARING PATTERN FOR PARKS

(As per Table 2.3.1 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	Name of Project	Total Project Cost	Share					Total (in Cr.)
			GOI	State	ULB	Others		
2015-2016 SAAP YEAR								
1	Bhagat Singh Park Ward – 47 Area – 10000 Sq.M	0.5180 Cr.	0.2590	0.15555	0.1036	--	0.5180	
2016-17								
2	DhaultiPyau School Park	0.5631 Cr	0.28155	0.16893	0.11262	--	0.5631	
3	Krishna Vihar phase 3 Park	0.2534 Cr	0.1267	0.07602	0.05068	--	0.2534	
2017-2020								
4	Jubli Park Ward -23 Area – 4900 Sq.M	0.4449 Cr.	0.22245	0.13347	0.0890	--	.04449	
5	Madhuban Enclave Park Ward – 34 Area – 6400 Sq.M	0.7255 Cr.	0.36275	0.21765	0.1451	--	0.7255	
6	Raja MahendraPratap Park Ward – 25 Area – 8800 Sq.M	0.7782 Cr.	0.3891	0.23346	0.1556	--	0.7782	
7	Chandrapuri Park Area – 2275 Sq.M	0.6885 Cr.	0.3443	0.2066	0.1377	--	0.6885	
8	Gandhi Park Area – 7484.60 Sq.M	0.7738 Cr.	0.3869	0.2321	0.1548	--	0.7738	
Total 8 Parks and Total Amount		4.7454	2.3729	1.4239	0.9491	--	4.7454	

		Semi-pucca/ Pucca Huts, (equipped with energy efficient solar panels & LED lights)		
			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 and compost beds. Play Squares/ Circle integrated with fountains,	Variety	No
			Colour	No
8.	Play Set/ Structures (for Children)	General play set, soft ball play area, thing to hang from, slide down,	Openness	New Area

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				
Bhagat Singh Park Ward – 47 Area – 10000 Sq.M	0.5180 Cr.	Per capita green space availability in built up areas	0.32 Sq.M/per person		0.32 Sq.M	0.326	0.326	0.326	0.326
Dhaulti Pyau School Park Area – 1176.64 Sq.M	0.5631 Cr	Per capita green space availability in built up areas	0.32 Sq.M		0.32 Sq.M	0.321	0.321	0.321	0.321
Krishna Vihar phase 3 Park Area – 787.50 Sq.M	0.2534 Cr	Per capita green space availability in built up areas	0.32 Sq.M		0.32 Sq.M	0.320	0.320	0.320	0.320
Jubli Park Ward -23 Area – 4900 Sq.M	0.4449 Cr.	Per capita green space availability in built up areas	0.32 Sq.M		0.32 Sq.M	0.323	0.323	0.323	0.323
Madhuban Enclave Park Ward – 34 Area – 6400 Sq.M	0.7255 Cr.	Per person open space	0.32 Sq.M		0.32 Sq.M	0.324	0.324	0.324	0.324

			Obstruction	No
			Shaded Area	No
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	No
			Water Quality	No
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tubewell, Space for Vendors <input type="checkbox"/>	Availability of Drinking features	No
		local snacks, ice cream kiosks.		
			Supply Source	No
			Availability of Eating Features	No
			Condition	Bad
			Flatness	Completely Flat
			Openness	Open Area
			Visibility	Easily Visible
5.	Facilities	Metallic Fence/ Boundary Wall, Theme based Entry Gate, Recreation Centre Shelters/ Pavilions/ Entertainment venue/ Stage/	Boundary Type	Yes, But Required Maintenance.


Name of the park			1 - Bhagat Singh Park	
Name of Ward/Zone			1 - Ward-47	
Category of Park			HAP	
Area of Park			Area - 10000 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 Person
			Condition	Bad
			Flatness	Bad
			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
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	Yes
			Water Quality	Yes
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tubewell, Space for Vendors <input type="checkbox"/> local snacks, ice	Availability of Drinking features	Yes

			Centre/Amphitheatre/Stage	
			If Yes, Condition	
			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	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 and compost beds. Play Squares/ Circle integrated with fountains,	Variety	No
			Colour	No
8.	Play Structures Set/ (for	General play set, soft ball play area, thing to hang from, slide	Openness	New Area

Name of the park	
Name of Ward/Zone	Ward -45
Category of Park	HAP
Area of Park	Area – 787.50 Sq.M Ward -21

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	Person
			Condition	Bad
			Flatness	Bad
			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
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	No
			Water Quality	No
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas. vending.	Availability of Drinking features	No

			Proximity	
			Proximity to Water Areas	No
2.	Paved Pathways	Existence and Surface	Existence	No
			Condition	Bad
			Width	Meters
			Flatness	No
			Obstruction	No
			Shaded Area	No
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	No
			Water Quality	No
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tubewell, Space for Vendors  local snacks, ice cream kiosks.	Availability of Drinking features	No
			Supply Source	No
			Availability of Eating Features	No
			Condition	Bad
			Flatness	No
			Openness	Open Area
			Visibility	Easily Visible

		<p>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),</p>		
			Boundary Wall	No
			Number of Entry Gates	No
			Material of Entry Gates	Open Space
			Recreation Centre/Amphitheatre/Stage	No
			If Yes, Condition	
			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	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 and compost beds. Play Squares/ Circle integrated with fountains,	Variety	No
			Colour	No
8.	Play Set/ Structures (for Children)	General play set, soft ball play area, thing to hang from, slide down,	Openness	No

		standing features, swings, blacktop, spring, toys, imaginary play structures, hanging sets <input type="checkbox"/> sea saw etc.		
			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	No

Name of the park	2- Dhaulipyau School Park
Name of Ward/Zone	Ward -61
Category of Park	HAP
Area of Park	Area – 1176.64 Sq.M Ward -27

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	2500 Person

		for Vendors local snacks, cream kiosks.	ice		
				Supply Source	No
				Availability of Eating Features	No
				Condition	Bad
				Flatness	No
				Openness	Open Area
				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	No
				Boundary Wall	Yes
				Number of Entry Gates	No
				Material of Entry Gates	Open Space

			Supply Source	Yes
			Availability of Eating Features	No
			Condition	Bad
			Flatness	Completely Flat
			Openness	Open Area
			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	Yes
			Boundary Wall	Yes
			Number of Entry Gates	No
			Material of Entry Gates	Open Space
			Recreation Centre/Amphitheatre/Stage	No
			If Yes, Condition	
			No of Illumination Point(All)	No
			Whether Solar Illumination being used	No
			No of Illumination Point (Solar)	No

7.	Landscaping	1.1 Flowers, shrubs/ bushes, landscaping, manicured garden and compost beds. Play Squares/ Circle integrated with fountains,	Variety	No
			Colour	No
8.	Play Set/ Structures (for Children)	General play set, soft ball play area, thing to hang from, slide down,	Openness	New Area

Name of the park		4 - Jubli Park		
Name of Ward/Zone		Ward -23		
Category of Park		HAP		
Area of Park		Area – 4900 Sq.M Ward -19		
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	2500 Person
			Condition	Bad
			Flatness	Bad
			Proximity to Water Areas	No
2.	Paved Pathways	Existence and Surface	Existence	No
			Condition	Bad
			Width	Meters

				FY 2016	FY 2017		FY 2018	FY 2019	FY 2020
				H1	H2				
Raja MahendraPratap Park Ward – 25 Area – 8800 Sq.M	0.7782 Cr.	Per person open space	0.32 Sq.M		0.32 Sq.M	0.325	0.325	0.325	0.325
Chandrapuri Park Area – 2275 Sq.M	0.6885 Cr.	Per person open space	0.32 Sq.M		0.32 Sq.M	0.321	0.321	0.321	0.321
Gandhi Park Area – 7484.60 Sq.M	0.7738 Cr.	Per person open space	0.32 Sq.M		0.32 Sq.M	0.325	0.325	0.325	0.325

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(डॉ० ब्रजेश कुमार)
सहायक नगर आयुक्त
नगर निगम मथुरा-वृन्दावन
मथुरा

		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	No
			Material of Entry Gates	Open Space
			Recreation	No
			Centre/Amphitheatre/Stage	
			If Yes, Condition	
			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	Availability of Benches	No

Sr. No.	Project	GOI	State			ULB			Convergence	Others	Total
			14th FC	Others	Total	14th FC	Others	Total			
2015-2016											
1	Bhagat Singh Park Ward - 47 Area - 10000 Sq.M	50%	--	30%	--	--	20%	--	--	--	100%
2016-2017											
2	Dhaulti Pyau School Park	50%	--	30%	--	--	20%	--	--	--	100%
3	Krishna Vihar phase 3 Park	50%	--	30%	--	--	20%	--	--	--	100%
2017-2020											
4	Jubli Park Ward -23 Area - 4900 Sq.M	50%	--	30%	--	--	20%	--	--	--	100%
5	Madhuban Enclave Park Ward - 34 Area - 6400 Sq.M	50%	--	30%	--	--	20%	--	--	--	100%
6	Raja Mahendra Pratap Park Ward - 25 Area - 8800 Sq.M	50%	--	30%	--	--	20%	--	--	--	100%
7	Chandrapuri Park Area - 2275 Sq.M	50%	--	30%	--	--	20%	--	--	--	100%
8	Gandhi Park Area - 7484.60 Sq.M	50%	--	30%	--	--	20%	--	--	--	100%

Name of Ward/Zone		3 – Ward-34		
Category of Park		HAP		
Area of Park		Area – 6400 Sq.M		
Sr No.	Element	Sub-Elements	Assessment Parameter	Response
1.	General Space	Open/ Green space, Landscaped area	Population Catered	3000 Person
		(manicured etc.), General areas for large organized social interaction.		
			Condition	Bad
			Flatness	Bad
			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
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	No
			Water Quality	No
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending.	Availability of Drinking features	No

		10-Constructi Room &Baramda Set- 0.25 Cr					
7	Chndrapuri Park ward no 61 Area - 2275 Sq.M	1. Paved Pathways- 0.2052282Cr 2. Child Friendly equipments Swing Jhula -0.0902Cr 3. Park Beches 0.0030Cr 4. Plantation and Horticulture work- .008075 Cr 5. Civil work -0.2044Cr 6. Aesthetic Lighting- 0.1556 Cr 7. Dustbin -0.00098Cr 8. Add 1 % Cess-0 .0054678 Cr 9. Contigency- 2%- 0.0109356 Cr.	Per capita green space availabiti y in built up areas	0.37 sq.mt / pp	0.38 sq.mt / pp	0.321 sq.mt / pp	0.6885 Cr.

SAAP YEAR : 2017 – 20 (Vrindavan)

8	Gandhi Park ward no 65 Area - 7484.60 Sq.M	1. Paved Pathways- 0.1852282Cr 2. Child Friendly equipments Swing Jhula -0.1500Cr 3. Park Beches 0.0060Cr 4. Plantation and Horticulture work- .009075 Cr 5. Civil work -0.2144Cr 6. Aesthetic Lighting- 0.1856 Cr 7. Dustbin -0.00099Cr 8. Add 1 % Cess-0 .0054678 Cr 9. Contigency- 2%- 0.0109356 Cr.	Per capita green space availabiti y in built up areas	-	-	0.325 sq.mt / pp	0.7738 Cr.
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Grand Total (Mathura - Vrindavan) [1+2+3+4+5+6+7+8]							4.7454 Cr.
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			If Yes, Condition	
			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

<p>Area - 1176.64 Sq.M</p>	<p><u>2017</u></p> <ol style="list-style-type: none"> 1. Paved Pathways- 0.1752282Cr 2. Child Friendly equipments Swing Jhula -0.0812Cr 3. Park Beches 0.0024Cr 4. Plantation and Horticulture work-.006875 Cr 5. Civil work -0.1744Cr 6. Aesthetic Lighting- 0.1056 Cr 7. Dustbin -0.00098Cr <p>Add 1 % Cess-0.0054678 Cr</p> <p>Contingency- 2%- 0.0109356 Cr.</p>	<p>space availability in built up areas</p>				<p>process</p>
<p>3 Krishna Vihar phase 3 ward no 45 ParkArea - 787.50 Sq.M</p>	<p><u>DPR COMPONENTS ESTIMATES OF PROJECTS 2016-2017</u></p> <ol style="list-style-type: none"> 1. Paved Pathways- 0.02235Cr 2. Child Friendly equipments Swing Jhula - 0.0504Cr 3. Park Beches 0.0015Cr 4. Plantation and Horticulture work- .0052 Cr 5- Civil work - 0.1341 Cr 6. Aesthetic Lighting- 0.0150 Cr 7. Dustbin - 0.00039Cr <p>Add 1 % Cess- .00024Cr</p> <p>Contingency- 2%-0.0049 Cr.</p>	<p>Per capita green space availability in built up areas</p>	<p>0.37 sqmt /pp</p>	<p>0.373 sq.mt / pp</p>	<p>0.3204 sq.mt / pp</p>	<p>0.2534 Cr</p>

AP YEAR : 2017 - 20 (Mathura)

		Condition	Bad
		Drainage	No

Name of the park		6 - Raja MahendraPratap Park		
Name of Ward/Zone		4 - Ward-25		
Category of Park		HAP		
Area of Park		Area - 0000 Sq.M		
Sr No.	Element	Sub-Elements	Assessment Parameter	Response
1.	General Space	Open/ Green space, Landscaped area (manicured etc.), Area General s for large organized social interaction.	Population Catered	2000 Person
			Condition	Bad
			Flatness	Bad
			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
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds,	Average size	

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 30% state and 20% 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.eGOI,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: Amrut Green Space and Park & Infrastructure fund

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

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

			Boundary Wall	Yes
			Number of Entry Gates	No
			Material of Entry Gates	Open Space
			Recreation Centre/Amphitheatre/Stage	No
			If Yes, Condition	
			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	Availability of Benches	No
		with energy efficient solar panels & LED lights)		
			No of Benches	No
			Availability of Picnic Tables	No

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: AMRUT 2015-16 parks have developed with facilities for children, youth & elderly.

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: Yes, 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: Yes, 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 Mathura-Vrindavan 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 Mathura-Vrindavan has conducted meeting with ward members on 14/09/2015 also meetings and consultations were done with citizens 19/10/2015 in Nagar Nigam Mathura Vrindavan.

Question: Has alternatives explored are crowd sourced?

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

Category of Park		HA P		
Area of Park		Area – 2275 Sq.M Ward -29		
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	2600 Person
			Condition	Bad
			Flatness	Bad
			Proximity to Water Areas	No
2.	Paved Pathways	Existence and Surface	Existence	No
			Condition	Bad
			Width	Meters
			Flatness	No
			Obstruction	No
			Shaded Area	No
3.	Water Areas	Water Areas (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	No
			Water Quality	No
			Movement	No

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.)	111	116503.95	18.58%
2.	Neighbourhood Park (NP)(5,000 -10,000 sq.m.)	4	25489.60	4.06%
3.	Community Park (CP)(10,000 - 50,000 sq.m.)	2	31224.00	4.98%
4.	District Park (DP)(50,000 - 2,50,000 sq.m.)			
5.	Sub-City Park (SCP)(2,50,000 sq.m. & above)			
.	Total	117	173217.55Sq.M	27.62%

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. Only few 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 0.32 Sq.M per person/ 2-3 Sq.MPerPersonbut according to URDPFI norms per person open space should be 10-12 sqm per person.

		area wherever possible (for optimum utilisation of water),		
			Boundary Wall	No
			Number of Entry Gates	No
			Material of Entry Gates	Open Space
			Recreation Centre/Amphitheatre/Stage	No
			If Yes, Condition	
			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	No
			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	Availability of Benches	No

Answer: There are total 117 parks in the city. The aesthetic components provided in the total 28 parks are like benches, railings, proper lighting, greenery, etc..

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: Yes, at present following schemes are running.
AMRUT Green Space and Park**

**Heritage City Development and Augmentation Yojana (HRIDAY) Scheme – River Front Development
Plantation by district level horticulture department.**

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 shortlisted by considering the two factors: 1) Providing facility to maximum people, 2) Minimum investment for development.

2015-16 Maximum coverage of Population density, Transportation connectivity, Urban Plaza with Universal Access in all parks)

2016-17 Maximum coverage of Population density, Transportation connectivity, Urban Plaza with Universal Access in all parks)

2017-20 Maximum coverage of Population density, Transportation connectivity, Urban Plaza with Universal Access in all parks)

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: AvasVikas&Mathura-Vrindavan Development Authority has identified the area for park in all residential colonies and has been handed over to ULB who will be responsible for the development of parks.

AMRUT Green Space & Park

**Heritage City Development and Augmentation Yojana (HRIDAY) Scheme – River Front Development
Plantation by District level horticulture department.**

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, Mathura Vrindavan Nagar Nigam (MVNN).

DhaliPyau School Park – Ward 61(1176.64 Sq.M)

Krishna Vihar Phase-3 Park –Ward 45 (787.50 Sq.M)

Jubli Park – Ward 23 (4900 Sq.M)

Maduban Enclave Park – Ward 34 (6400 Sq.M)

Raja MahendraPratap Park – Ward 25 (8800 Sq.M)

1.	General Space	Open/ Green space, landscaped	Population Catered	8000 Person
		area (manicured etc.), General areas for large organized social interaction.		
			Condition	Bad
			Flatness	Bad
			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
3.	Water Areas	Area Water s (Shallow Waterbodies for children, ponds, streams, fountains)	Average size	Yes
			Water Quality	Yes
			Movement	No
4.	Eating/ Drinking features	Drinking water facilities, picnic areas, vending. Tubewell, Space for Vendors ◆ local snacks, ice	Availability of Drinking features	Yes
		cream kiosks.		
			Supply Source	Yes
			Availability of Eating Features	No

Mathura NPP		2015	2017	Gap(2015-17)
per person open space		0.37	0.45	0.08
per person open space built-up		0.003	0.007	0.004
Mathura Vrindavan Nagar Nigam				
per person open space		0.37	0.32	-0.05
per person open space built-up		0.003	0.001	-0.002

Table: Service Level Status

Sr. No.	Indicators	Status		Present Status	Benchmark in URDPFI	Source	Reliability Factor
		2015	2017				
1	Green space PER /park available in built up areas (NPP Mathura)	0.37	0.45		2-3 SQ MT	Masterplan/ Development	Medium-B
2	Open green PER /park available in city (Mathura-Vrindavan NN)	0.37	0.32		10-12 SQ MT	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: ULB identified Bhagat Singh Park, Jubli Park, Madhuban Enclave Park, Raja MahendraPratap Park, Krishna Vihar Phase -3 Park, DhauliPyau School Park, The Park near Radhapuram Birla Temple, The Park near TripurariSinghal in Govindnagar Sector- 1, can be well developed with minimal intervention which attract good no. of citizens.

			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	Benches, Picnic Tables, Seat	Availability of Benches	No
	Resting Features	walls. Picnic shelters - Semi-Pucca/ Pucca Huts, (equipped with energy efficient solar panels & LED lights)		
			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,	Variety	No