

# BIHAR STATE ANNUAL ACTION PLAN (Remaining Years of Mission Period) FOR PROPOSED SCHEMES UNDER AMRUT



Urban Development & Housing Department  
Government of Bihar

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

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**Table6.2: Checklist- Consolidated State Annual Action Plan of all ULBs to be sent for Assessment by MoUD**

Sl.No.	Points of Consideration	Yes/No	Give Details
1	Have all the Cities prepared SLIP as per the suggested approach?	Yes	27 AMRUT cities have given priority to either water supply or drainage. While doing the prioritization, complementarity of these two basic services has been the key consideration. Development of one park every year (if land is available) has been made mandatory to each ULB.
2	Has the SAAP prioritized proposed investments across cities?	Yes	ULB-wise allocation has been done in line with gaps in service levels in water supply, sewerage and drainage. Factors like completing ongoing projects in water supply and availability of land for infrastructure are the key deciding factors.
3	Is the indicator wise summary of improvements proposed (both investments and management improvements) by State in place?	Yes	Summary of indicator-wise improvement proposed in water supply, sewerage, drainage and parks has been provided from the perspective of investment and O&M.
4	Have all the cities under Mission identified/done baseline assessments of service coverage indicators?	Yes	While deciding on the priority projects, 100% coverage of households with potable water has been the first priority. The presence of recently completed DPRs for water supply, sewerage, storm water drainage has also been considered – all these documents include baselines as does the City Sanitation Plans that have been prepared for 25 of the 27 AMRUT cities in the state.

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5	Are SAAPs addressing an approach towards meeting Service Level Benchmarks agreed by Ministry for each Sector?	Yes	Targets defined in the SAAP ensure that there is incremental progress towards achievement of the Service Level Benchmarks especially for water supply.
6	Is the investment proposed commensurate to the level of improvement envisaged in the indicator?	Yes	Proposed investments are commensurate with envisaged improvements in service levels.
7	Are State Share and ULBs share in line with proposed Mission approach?	Yes	The State and ULB shares are in line with guidelines specified under the programme for ULBs with population of <10 lakhs and >10 lakhs.
8	Is there a need for additional resources and have state considered raising additional resources (State programs, aided projects, additional devolution to cities, 14 <sup>th</sup> Finance Commission, external sources)?	Yes	Bihar is considering raising additional resources through the 14 <sup>th</sup> Finance Commission, ADB, BRICS, JBIC, KfW, and State Programme.
9	Does State Annual Action Plan verify that the cities have undertaken financial projections to identify revenue requirements for O&M and repayments?	Yes	27 of the AMRUT cities are successfully implementing municipal financial reforms and have shown remarkable improvement in own revenue base. Financial projections and targets for own revenue are defined. Additionally, ULBs will also actively pursue imposition of user charges and explore other options for enhanced resources for O&M.
10	Has the State Annual Action Plan considered the resource mobilization capacity of each ULB to ensure that ULBs share can be mobilized?	Yes	The SAAP has taken this fact into consideration.

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11	Has the process of establishment of PDMC been initiated?	Yes	A bank of DPRs have already been prepared under DFID funded program, Support Program for Urban Reforms (SPUR). The parastatal agencies BUIDCo and BRJP are also capable of preparing DPRs and management of Water Supply, Sewerage & Drainage projects. Hence, need of appointment of PDMC is not felt. Appointment of professionals to work in PMU of AMRUT at HQ. level and in PIU at ULB level is in the process and likely to be completed in the month of November, 2016.
12	Has a roadmap been prepared to realize the resource potential of the ULB?	Yes	Resource mobilization abilities have been considered. Factors such as enhancement of own resources, improvements in billing and collection of user charges, 14 <sup>th</sup> Finance Commission, 5 <sup>th</sup> State Finance Commission, State budget, E-Governance, etc. have been considered.
13	Is the implementation plan for projects and reforms in place (Timelines and yearly milestones)?	Yes	The implementation plan for the projects and reforms by all agencies at state and ULB level as well as parastatals has been defined.
14	Has the prioritization of projects in ULBs been done in accordance with para 7.2 of the guidelines?	Yes	Projects have been prioritized on the basis of completion of on-going projects, complementarily of water supply, sewerage and storm water drainage projects in ULBs. Levels of poverty are more or less similar in the project ULBs and so this is not a key influencing factor in the state.

Minutes of the SHPSC meeting is attached as Annexure-“A”.

**(State Mission Director)**

## Minutes of State High Powered Steering Committee (SHpsc) Meeting

### Chapter 1: PROJECT BACKGROUND AND SUMMARY

**AMRUT Mission** was launched in June 2015, the AMRUT Mission focuses on provision of basic services - water supply; sewerage; storm water drainage; pedestrian, non-motorized and public transport facilities; development of parks and open spaces.

The total outlay for AMRUT is Rs. 50000 crore for 5 years from FY 2015-16 to FY 2019-20 and the Mission is operated as a Centrally Sponsored Scheme.

- (1) Project fund – 80% of the annual budgetary allocation
- (2) Incentive for Reforms – 10% of the annual budgetary allocation
- (3) State funds for Administrative & Office Expenses (A&OE) – 8% of annual budgetary allocation
- (4) MoUD funds for Administrative & Office Expenses (A&OE) – 2% of annual budgetary allocation

***There are 27 cities in Bihar that are eligible for coverage under the programme.*** This is shown in **Annex 1**.

***The central allocation for Bihar under the Mission is Rs.1164.80 crore for the Mission period. Provision of A&OE for state is extra @ 8% of the central allocation.*** As per AMRUT guidelines, the High Powered Steering Committee (HPSC) of Govt of Bihar, in its first meeting on 27/11/15 approved the State Annual Action Plan (SAAP) for 2015-16 for submitting to the Ministry of Urban Development, Govt of India. The SAAP- 2015-16 was approved by the Apex Committee in its fourth meeting on 10/12/15 for Rs 664.20 crore for Projects with Central share of Rs 332.10 crore and Rs.10.28 Cr. Central Assistance for A&OE. **The Ministry has also released the first installment (20:40:40) of Central Assistance (CA) amounting to Rs 66.42 crore vide F. No. K-14012/153/2015-SC-II dated 28/12/15.**

The High Powered Steering Committee (HPSC) of Govt of Bihar, in its third meeting held on 25/05/16 also approved the State Annual Action Plan (SAAP) for 2016-17 for submitting to the Ministry of Urban Development, Govt of India. The SAAP- 2016-17 was approved by the Apex Committee in its 12<sup>th</sup> meeting on 03/08/2016 for Rs 775.20 crore for Projects with Central share of Rs 387.60 crore and Rs.10.336 Cr. Central



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Assistance for A&OE. The Ministry has also released the first installment (20:40:40) of Central Assistance (CA) amounting to Rs 77.52 crore vide F. No. K-15012/04/2015-SC-IV/AMRUT-II dated 7<sup>th</sup> April 2016.

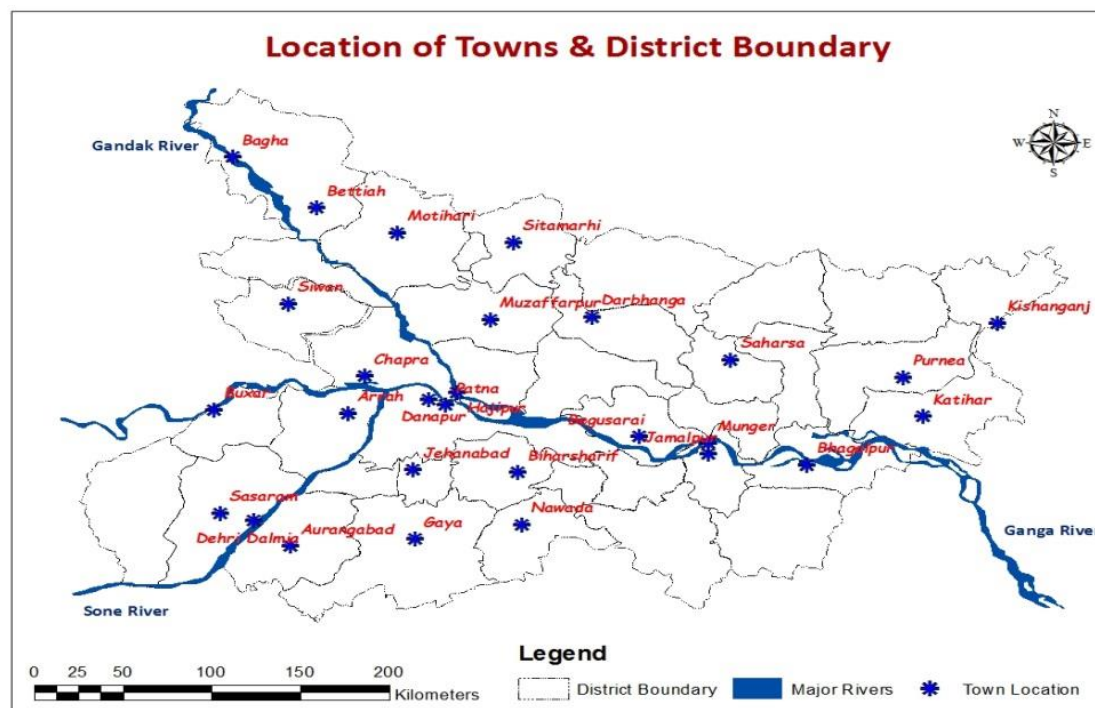
The allocation in respect of Govt. of Bihar for which SAAP for remaining years of Mission period is to be submitted is amounting to Rs 445.10 crore for Projects. The High Powered Steering Committee (HPSC) of Govt of Bihar, in its fifth meeting held on 26/10/16 also approved the State Annual Action Plan (SAAP) for the remaining year of Mission Period for submitting to the Ministry of Urban Development, Govt of India.

### STATE SCENARIO: BIHAR

#### Introduction

Bihar is located in Eastern India and is the thirteenth largest state in India. With a population of 10,40,99,452, Bihar accounts for 8.60% of India's total population. Bihar is predominantly a rural state with only 11.29% of the state's population classified as urban. Bihar has 141 Urban Local Bodies of which 11 are classified as Nagar Nigams (Municipal Corporation), 42 are classified as Nagar Parishads (Municipal Councils) and 87 are classified as Nagar Panchayats (Municipal Panchayats).

#### AMRUT Towns





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Initially, 26 towns of Bihar were selected for the AMRUT Mission as shown in the list below and in the map. Later, Bodhgaya being a city of international tourism importance has also been included for funding under AMRUT scheme of Govt. of India. It should be noted that some of these towns are also included for funding under the Government of India's NamamiGange Project as well as the DFID funded Support Programme for Urban Reforms (SPUR).

S. No.	Name of Town	Urban Population in Town (Census 2011)	Also under Namami Gange	Also under SPUR programme	S. No.	Name of Town	Urban Population in Town (Census 2011)	Also under Namami Gange	Also under SPUR programme
1	Patna	16,84,297	√	√	15	Jamalpur	1,05,434	√	√
2	Danapur	1,82,429	√	√	16	Gaya	4,74,093		√
3	Biharsharif	2,97,268		√	17	Bodhgaya	38,439		√
4	Sasaram	1,47,408		√	18	Aurangabad	1,02,244		√
5	Dehri	1,37,231		√	19	Jehanabad	1,03,202		
6	Arrah	2,61,430	√	√	20	Purnea	2,82,248		√
7	Buxar	1,02,861	√		21	Katihar	2,40,838	√	√
8	Muzaffarpur	3,54,462		√	22	Kishanganj	1,05,782		√
9	Motihari	1,26,158		√	23	Chhapra	2,02,352	√	√
10	Bettiah	1,32,209		√	24	Siwan	1,35,066		√
11	Bagaha	1,12,634			25	Darbhanga	2,96,039		√
12	Hajipur	1,47,688	√	√	26	Bhagalpur	4,00,146	√	√
13	Begusarai	2,52,008	√	√	27	Saharsa	1,56,540		√
14	Munger	2,13,303	√	√					

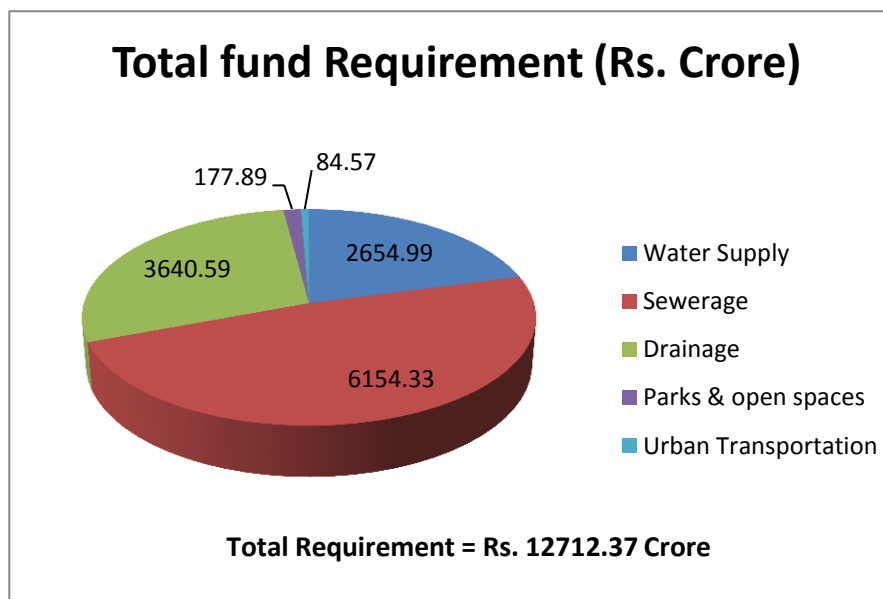
The sewerage projects already approved under NGRBA / Namami Gange have not been included in the action plan.

**The sectors which have been addressed under the Mission are:**

- Water Supply
- Sewerage & Septage Management
- Storm Water Drainage
- Urban Transport
- Development of Green Spaces and Parks

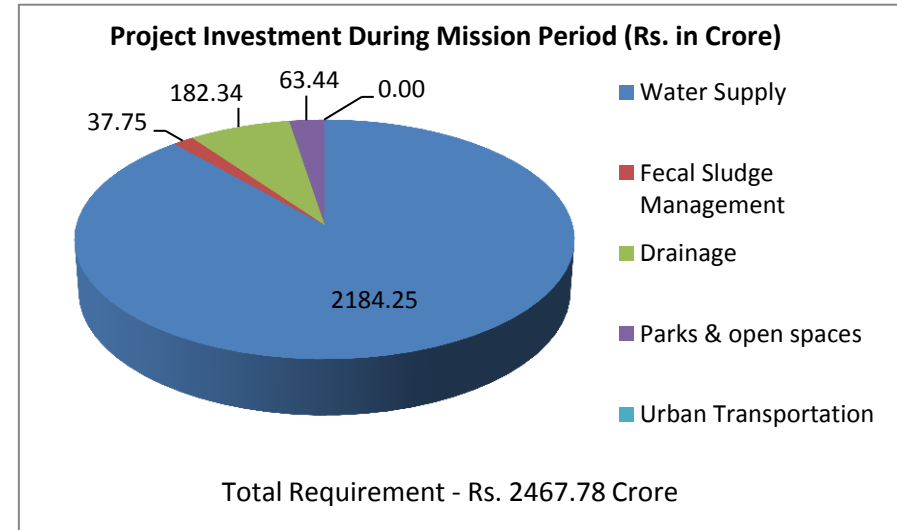
**Gap Assessment and Project Cost**

The existing conditions of municipal services have been assessed in each of the AMRUT ULBs and demand-supply gap assessed. The gap has been considered together with the projected population and a long list of projects identified. This list was then discussed in the ULB and linked to the available finances to determine the priority projects in each of the ULBs. To achieve the service level bench marks in Water Supply, Sewerage and Drainage Sectors in all 27 mission cities, the state needs to spend Rs. 12712.37Cro re. The sector wise requirement of fund has been shown in the graph.



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However, there has been limited fund with Govt. of India, with the State and with the ULBs for improvement of Infrastructure services. Therefore, priority projects have been divided in to phases for implementation under AMRUT Mission period. The fund requirement under the Mission period is Rs. 2469.78 Cr. including Rs. 120.69 Crore in convergence under State Plan Water Supply Schemes which has been shown in the graph below.



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**Table 1.1: Breakup of Total MoUD Allocation in AMRUT**

Remaining Years of Mission Period (Amount in Rs. Crores)					
Total Central funds allocated to State	Allocation of Central funds for A&OE (@ 8% of Total given in column 1)	Allocation of funds for AMRUT (Central share)	Multiply col. 3 by x3) for AMRUT on col. 4 (vide D.O. No. K-14012/95/ 2015-AMRUT-I dated 06-06-2016)	Add State/ ULB share	Total AMRUT annual size (cols.2+4+5)
1	2	3	4	5	6
160.236	11.869	148.367	445.10	464.58	921.549

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**Table 1.2.1: Abstract-Sector Wise Proposed Total Project**

**Fund and Sharing Pattern**

For Remaining Years of Mission Period  
(Amount in Rs. Crores)

Sl. No	Sector	No. of Projects	Centre	State	ULB	Convergence	Others	Total
1	Water Supply	17	394.20	236.52	157.68	120.69	0.00	909.09
2	Sewerage (FSM)	1	18.87	11.32	7.55	0.00	0.00	37.74
3	Storm Water Drainage	1	19.48	27.27	11.69	0.00	0.00	58.44
4	Others (Parks & Open spaces)	20	12.55	7.53	5.02	0.00	0.00	25.10
5	A & O.E @ 8% of Central Grant		11.87					11.87
6	<b>Grand Total</b>	<b>39</b>	<b>456.97</b>	<b>282.64</b>	<b>181.94</b>	<b>120.69</b>	<b>0.00</b>	<b>1042.24</b>

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**Table 1.2.2: Abstract-Break-up of Total Fund Sharing Pattern**

For Remaining Years of Mission Period  
(Amount in Rs. Crores)

Sl.No.	Sector	Centre	State			ULB			Convergence	Others	Total
		Mission	14th FC	Others	Total	14th FC	Others	Total			
1	Water Supply	394.20	0.00	236.52	236.52	2.50	155.18	157.68	120.69	0.00	909.09
2	Sewerage (FSM)	18.87	0.00	11.32	11.32	6.70	0.85	7.55	0.00	0.00	37.74
3	Storm Water Drainage	19.48	0.00	27.27	27.27	11.69	0.00	11.69	0.00	0.00	58.44
4	Others (Parks & Open spaces)	12.55	0.00	7.53	7.53	4.70	0.32	5.02	0.00	0.00	25.10
5	A & O.E @ 8% of Central Grant	11.87									11.87
6	<b>Grand Total</b>	<b>456.97</b>	<b>0.00</b>	<b>282.64</b>	<b>282.64</b>	<b>25.59</b>	<b>156.35</b>	<b>181.94</b>	<b>120.69</b>	<b>0.00</b>	<b>1042.24</b>

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**Table 1.3: Abstract-Use of Funds on Projects: On Going and New**

(Amount in Rs. Crores)

SI No	Sector	Total Project Investment	Committed Expenditure (if any) from Previous year 2015-16						Proposed Spending during Current Financial year 2016-17						Balance Carry Forward for Next Financial Years Till 2020								
			Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
				14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total
1	Water Supply	2063.56	323.67	0	194.20	194.20	67.57	61.90	129.47	313.91	0	188.35	188.35	34.26	91.30	125.56	394.20	0	236.52	236.52	2.50	155.18	157.68
2	Sewerage (FSM)	37.74	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	18.87	0	11.32	11.32	6.70	0.85	7.55
3	Drainage	182.34	0.00	0	0.00	0.00	0.00	0.00	0.00	61.95	0	37.17	37.17	14.82	9.96	24.78	19.48	0	27.27	27.27	11.69	0.00	11.69
4	Others (Parks & Open spaces)	65.44	8.43	0	5.06	5.06	3.37	0.00	3.37	11.74	0	7.04	7.04	4.70	0.00	4.70	12.55	0	7.53	7.53	4.70	0.32	5.02
5	Urban Transport	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
6	<b>Total</b>	<b>2349.08</b>	<b>332.10</b>	<b>0</b>	<b>199.26</b>	<b>199.26</b>	<b>70.94</b>	<b>61.90</b>	<b>132.84</b>	<b>387.60</b>	<b>0</b>	<b>232.56</b>	<b>232.56</b>	<b>53.78</b>	<b>101.26</b>	<b>155.04</b>	<b>445.10</b>	<b>0</b>	<b>282.64</b>	<b>282.64</b>	<b>25.59</b>	<b>156.35</b>	<b>181.94</b>



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**Table1.4: Abstract-Plan for Achieving Service Level Benchmarks**

		Mission Period (Amount in Rs. Crores)							
Proposed Priority Projects	Total Project Cost	Indicator <sup>1</sup>	Baseline <sup>2</sup>	Annual Targets based on Master Plan (Increment from the Baseline Value)					
				FY2016		FY	FY	FY	FY
				H1	H2	2017	2018	2019	2020
<b>Water Supply</b>									
1. Biharshariff	168.57	1. Household level coverage of direct water supply connections	55.30%	70%	80%	80%	90%	100%	100%
		2. Per capita quantum of water supplied	105lpcd	105 lpcd	105 lpcd	105 lpcd	120 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	20%	20%	30%	80%	100%	100%	100%
2. Sasaram	110.54	1. Household level coverage of direct water supply connections	30%	30%	30%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	25lpcd	25lpcd	25lpcd	70lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	100%	100%	100%	100%
3. Dehri	102.80	1. Household level coverage of direct water supply connections	7.40%	7.40%	20%	40%	60%	90%	100%
		2. Per capita quantum of water supplied	18 lpcd	18 lpcd	30 lpcd	50 lpcd	70 lpcd	100 lpcd	135 lpcd

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		3. Quality of water supplied	80%	80%	80%	80%	90%	100%	100%
4. Arrah	135.73	1. Household level coverage of direct water supply connections	20%	20%	20%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	30lpcd	30lpcd	30lpcd	70lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	80%	80%	100%	100%
5. Buxar	76.91	1. Household level coverage of direct water supply connections	60%	60%	80%	90%	100%	100%	100%
		2. Per capita quantum of water supplied	51lpcd	100 lpcd	100 lpcd	120 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
6. Motihari	114.07	1. Household level coverage of direct water supply connections	21.80%	22%	40%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	19lpcd	19lpcd	45lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	70%	70%	70%	100%	100%	100%	100%
7. Bettiah	127.88	1. Household level coverage of direct water supply connections	15.70%	15.70%	40%	60%	80%	100%	100%
		2. Per capita quantum of water supplied	40 lpcd	40 lpcd	60 lpcd	80 lpcd	100 lpcd	135 lpcd	135 lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
8. Bagaha	184.52	1. Household level coverage of direct water supply connections	12%	12%	12%	50%	80%	90%	100%

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		2. Per capita quantum of water supplied	21lpcd	21lpcd	21lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	70%	70%	70%	100%	100%	100%	100%
9. Hajipur	127.46	1. Household level coverage of direct water supply connections	27%	27%	50%	70%	80%	90%	100%
		2. Per capita quantum of water supplied	52lpcd	52 lpcd	100 lpcd	110 lpcd	120 lpcd	130 lpcd	135lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
10. Begusarai	121.37	1. Household level coverage of direct water supply connections	22%	22%	50%	80%	100%	100%	100%
		2. Per capita quantum of water supplied	45lpcd	45lpcd	75lpcd	100 lpcd	135 lpcd	135 lpcd	135lpcd
		3. Quality of water supplied	20%	20%	100%	100%	100%	100%	100%
11. Munger	59.31	1. Household level coverage of direct water supply connections	46%	46%	80%	80%	90%	100%	100%
		2. Per capita quantum of water supplied	57lpcd	100 lpcd	135 lpcd	135 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	80%	80%	100%	100%	100%	100%	100%
12. Jamalpur	28.00	1. Household level coverage of direct water supply connections	60%	60%	70%	90%	100%	100%	100%
		2. Per capita quantum of water supplied	80lpcd	80lpcd	100 lpcd	135 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	70%	70%	80%	100%	100%	100%	100%

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13. Aurangabad	119.57	1. Household level coverage of direct water supply connections	10%	10%	10%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	45lpcd	45lpcd	45lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	70%	70%	70%	100%	100%	100%	100%
14. Jehanabad	69.79	1. Household level coverage of direct water supply connections	10.40%	10.40%	10.40%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	28lpcd	28lpcd	28lpcd	40lpcd	90lpcd	100lpcd	135lpcd
		3. Quality of water supplied	30%	30%	30%	80%	90%	100%	100%
15. Purnea	78.97	1. Household level coverage of direct water supply connections	60%	60%	70%	90%	100%	100%	100%
		2. Per capita quantum of water supplied	65lpcd	65lpcd	75lpcd	100 lpcd	100 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	70%	70%	80%	100%	100%	100%	100%
16. Katihar	119.76	1. Household level coverage of direct water supply connections	30%	30%	30%	70%	80%	90%	100%
		2. Per capita quantum of water supplied	45lpcd	45lpcd	45lpcd	100 lpcd	110 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	50%	50%	50%	100%	100%	100%	100%
17. Kishanganj	75.45	1. Household level coverage of direct water supply connections	3.20%	10%	10%	50%	80%	90%	100%

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		2. Per capita quantum of water supplied	32lpcd	45lpcd	50lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	100%	100%	100%	100%
18. Chhapra	125.02	1. Household level coverage of direct water supply connections	45%	60%	75%	80%	90%	100%	100%
		2. Per capita quantum of water supplied	57 lpcd	100 lpcd	100 lpcd	110 lpcd	120 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
19. Siwan	80.33	1. Household level coverage of direct water supply connections	20%	20%	20%	80%	80%	90%	100%
		2. Per capita quantum of water supplied	35lpcd	35lpcd	35lpcd	100 lpcd	110 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	80%	100%	100%	100%
20. Darbhanga	68.00	1. Household level coverage of direct water supply connections	15%	50%	70%	100%	100%	100%	100%
		2. Per capita quantum of water supplied	39lpcd	39lpcd	100 lpcd	135 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	85%	85%	85%	100%	100%	100%	100%
21. Saharsa	90.20	1. Household level coverage of direct water supply connections	10%	10%	25%	50%	70%	90%	100%
		2. Per capita quantum of water supplied	45 lpcd	45 lpcd	60 lpcd	80 lpcd	100 lpcd	120 lpcd	135 lpcd
		3. Quality of water supplied	20%	20%	40%	60%	80%	100%	100%

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Total	<b>2184.25</b>									
<b>Storm Water Drainage</b>										
22. Muzaffarpur	99.90	1. Coverage of storm water drainage network	30%	30%	30%	30%	60%	80%	100%	
23. Bhagalpur	24.00	1. Coverage of storm water drainage network	50%	50%	50%	60%	80%	100%	100%	
24. Patna	58.44	1. Coverage of storm water drainage network	40%	50%	50%	60%	70%	70%	80%	
<b>Total</b>	<b>182.34</b>									
<b>Sewerage &amp; Septage Management</b>										
25. Katihar	37.75	1. Coverage of latrines (individual or community)	72.22%	Funding considered under Swachh Bharat Mission						
		2. Coverage of sewerage network services	0%	0%	0%	0%	0%	0%	0%	
		3. Efficiency of Collection of Sewage	0%	0%	0%	10%	50%	70%	90%	
		4. Efficiency in treatment	0%	0%	0%	30%	100%	100%	100%	
<b>Others – Parks and Open Spaces</b>										
26. Patna	10.44	1. Per Person Open Space in Plain Areas as per URDPFI	44.17	44.17	44.17	44.17	44.17	44.17	44.17	
27. Danapur	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	76.23	76.23	76.23	76.23	76.23	76.23	76.23	
28. Biharsharif	3.50	1. Per Person Open Space in Plain Areas as per URDPFI	116.21	116.21	116.21	116.21	116.21	116.21	116.21	
29. Sasaram	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	104.56	104.56	104.56	104.56	104.56	104.56	104.56	

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30. Dehri	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	75.37	75.37	75.37	75.37	75.37	75.37	75.37
31. Ara	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	104.21	104.21	104.21	104.21	104.21	104.21	104.21
32. Buxar	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	99.45	99.45	99.45	99.45	99.45	99.45	99.45
33. Muzaffarpur	5.10	1. Per Person Open Space in Plain Areas as per URDPFI	58.37	58.37	58.37	58.37	58.37	58.37	58.37
34. Motihari	2.12	1. Per Person Open Space in Plain Areas as per URDPFI	121.36	121.36	121.36	121.36	121.36	121.36	121.36
35. Bettiah	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	66.86	66.86	66.86	66.86	66.86	66.86	66.86
36. Bagha	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	78.24	78.24	78.24	78.24	78.24	78.24	78.24
37. Hajipur	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	110.7	110.7	110.7	110.7	110.7	110.7	110.7
38. Begusrai	1.94	1. Per Person Open Space in Plain Areas as per URDPFI	177.17	177.17	177.17	177.17	177.17	177.17	177.17
39. Munger	3.50	1. Per Person Open Space in Plain Areas as per URDPFI	68.92	68.92	68.92	68.92	68.92	68.92	68.92
40. Jamalpur	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	58.23	58.23	58.23	58.23	58.23	58.23	58.23
41. Gaya	4.32	1. Per Person Open Space in Plain Areas as per URDPFI	90.1	90.1	90.1	90.1	90.1	90.1	90.1
42. Bodhgaya	2.50	1. Per Person Open Space in Plain Areas as per URDPFI	106.1	106.1	106.1	106.1	106.1	106.1	106.1



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43. Aurangabad	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	88.45	88.45	88.45	88.45	88.45	88.45	88.45
44. Jehanabad	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	69.56	69.56	69.56	69.56	69.56	69.56	69.56
45. Purnea	3.92	1. Per Person Open Space in Plain Areas as per URDPFI	310.72	310.72	310.72	310.72	310.72	310.72	310.72
46. Katihar	2.10	1. Per Person Open Space in Plain Areas as per URDPFI	124.5	124.5	124.5	124.5	124.5	124.5	124.5
47. Kishanganj	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	251.93	251.93	251.93	251.93	251.93	251.93	251.93
48. Chhapra	2.50	1. Per Person Open Space in Plain Areas as per URDPFI	52.93	52.93	52.93	52.93	52.93	52.93	52.93
49. Siwan	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	77.89	77.89	77.89	77.89	77.89	77.89	77.89
50. Darbhanga	2.50	1. Per Person Open Space in Plain Areas as per URDPFI	112.35	112.35	112.35	112.35	112.35	112.35	112.35
51. Bhagalpur	4.50	1. Per Person Open Space in Plain Areas as per URDPFI	52.26	52.26	52.26	52.26	52.26	52.26	52.26
52. Saharsa	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	212	212	212	212	212	212	212
<b>Total</b>	<b>65.44</b>								

[1] [As per SLB framework for water supply, sewerage, solid waste management and drainage and proposed SLB indicator for urban transport](#)

[2] [Detailed information for arriving at% target against baseline shall be worked out from details provided by Cities so as to arrive at state indicators](#)

**Table 3.1: SAAP – Master Plan of all projects details to achieve universal coverage during the current Mission period based on Table 2.1 (FYs 2015-16 to 2019-20)**

Current Mission period 2015-20  
(Amount in Rs. Crores)

Sr.No.	Name of ULB (water supply and sewerage)	Total number of projects to achieve universal coverage	Estimated Cost (Rs. Crore)	Number of years to achieve universal coverage
1	2	3	4	5
<b>WATER SUPPLY</b>				
1	Biharshariff	2	168.57	3
2	Sasaram	2	110.54	3
3	Dehri	2	102.80	3
4	Ara	2	135.73	3
5	Buxar	2	76.91	3
6	Motihari	2	114.07	3
7	Bettiah	2	127.88	3
8	Bagaha	2	184.52	3
9	Hajipur	2	127.46	3
10	Begusarai	2	121.37	3

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11	Munger	1	59.31	2
12	Jamalpur	1	28.00	2
13	Aurangabad	2	119.57	3
14	Jehanabad	2	69.79	3
15	Purnea	1	78.97	2
16	Katihar	2	119.76	3
17	Kishanganj	2	75.45	3
18	Chhapra	2	125.02	3
19	Siwan	2	80.33	3
20	Darbhanga	2	68.00	3
21	Saharsa	1	90.20	2
	<b>Total</b>	<b>38</b>	<b>2184.25</b>	
<b>SEWERAGE &amp; SEPTAGE MANAGEMENT</b>				
22	Katihar	1	37.75	2
<b>DRAINAGE</b>				
23	Mujaffarpur	1	99.90	3
24	Bhagalpur	1	24.00	2
25	Patna	1	58.44	2
	<b>Total</b>	<b>3</b>	<b>182.34</b>	
<b>DEVELOPMENT OF PARKS &amp; OPEN SPACES</b>				
26	Patna	3	10.44	Minimum one park in each year
27	Danapur	1	0.50	land is available only for one park

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28	Biharshariff	3	3.50	Minimum one park in each year
29	Sasaram	1	0.50	land is available only for one park
30	Dehri	2	1.00	land is available only for two parks
31	Ara	3	2.00	Minimum one park in each year
32	Buxar	1	0.50	land is available only for one park
33	Mujaffarpur	3	5.10	Minimum one park in each year
34	Motihari	3	2.12	Minimum one park in each year
35	Bettiah	3	1.50	Minimum one park in each year
36	Bagaha	1	0.50	land is available only for one park
37	Hajipur	3	2.00	Minimum one park in each year
38	Begusarai	2	1.94	land is available only for two parks
39	Munger	3	3.50	Minimum one park in each year
40	Jamalpur	2	1.00	land is available only for two parks

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41	Gaya	3	4.32	Minimum one park in each year
42	Bodhgaya	2	2.50	land is available only for two parks
43	Aurangabad	3	2.00	Minimum one park in each year
44	Jehanabad	3	1.50	Minimum one park in each year
45	Purnea	3	3.92	Minimum one park in each year
46	Katihar	2	2.10	land is available only for two parks
47	Kishanganj	3	1.50	Minimum one park in each year
48	Chhapra	3	2.50	Minimum one park in each year
49	Siwan	3	1.50	Minimum one park in each year
50	Darbhanga	3	2.50	Minimum one park in each year
51	Bhagalpur	3	4.50	Minimum one park in each year
52	Saharsa	1	0.50	land is available only for one park
	<b>Total</b>	<b>66</b>	<b>65.44</b>	
	<b>Grand Total</b>	<b>108</b>	<b>2469.78</b>	

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**Table 3.2: SAAP- Sector Wise Breakup of Consolidated Investments  
for all ULBs in the State**

(Amount in Rs. Crores)

Name of City	Water Supply	Sewerage and Septage Management	Drainage	Urban Transport	Others (Parks & Open Spaces)	Reforms	Total
1	2	3	4	5	6	7	8
1. Patna	0.00	0.00	58.44	0.00	10.44	0.00	68.88
2. Danapur	0.00	0.00	0.00	0.00	0.50	0.00	0.50
3. Biharsharif	168.57	0.00	0.00	0.00	3.50	0.00	172.07
4. Sasaram	110.54	0.00	0.00	0.00	0.50	0.00	111.04
5. Dehri	102.80	0.00	0.00	0.00	1.00	0.00	103.80
6. Ara	135.73	0.00	0.00	0.00	2.00	0.00	137.73
7. Buxar	76.91	0.00	0.00	0.00	0.50	0.00	77.41
8. Muzaffarpur	0.00	0.00	99.90	0.00	5.10	0.00	105.00
9. Motihari	114.07	0.00	0.00	0.00	2.12	0.00	116.19
10. Bettiah	127.88	0.00	0.00	0.00	1.50	0.00	129.38
11. Bagha	184.52	0.00	0.00	0.00	0.50	0.00	185.02
12. Hajipur	127.46	0.00	0.00	0.00	2.00	0.00	129.46
13. Begusrai	121.37	0.00	0.00	0.00	1.94	0.00	123.31
14. Munger	59.31	0.00	0.00	0.00	3.50	0.00	62.81
15. Jamalpur	28.00	0.00	0.00	0.00	1.00	0.00	29.00

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16. Gaya	0.00	0.00	0.00	0.00	4.32	0.00	4.32
17. Bodhgaya	0.00	0.00	0.00	0.00	2.50	0.00	2.50
18. Aurangabad	119.57	0.00	0.00	0.00	2.00	0.00	121.57
19. Jehanabad	69.79	0.00	0.00	0.00	1.50	0.00	71.29
20. Purnea	78.97	0.00	0.00	0.00	3.92	0.00	82.89
21. Katihar	119.76	37.75	0.00	0.00	2.10	0.00	159.61
22. Kishanganj	75.45	0.00	0.00	0.00	1.50	0.00	76.95
23. Chhapra	125.02	0.00	0.00	0.00	2.50	0.00	127.52
24. Siwan	80.33	0.00	0.00	0.00	1.50	0.00	81.83
25. Darbhanga	68.00	0.00	0.00	0.00	2.50	0.00	70.50
26. Bhagalpur	0.00	0.00	24.00	0.00	4.50	0.00	28.50
27. Saharsa	90.20	0.00	0.00	0.00	0.50	0.00	90.70
<b>Total</b>	<b>2184.25</b>	<b>37.75</b>	<b>182.34</b>	<b>0.00</b>	<b>65.44</b>	<b>0.00</b>	<b>2469.78</b>
<b>Total Project Investments</b>							<b>2469.78</b>
A&OE (8% of central share of the above projects = 8% x Rs. 1164.80 Cr.)							93.184
<b>Grand Total</b>							<b>2562.96</b>



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### Table 3.4: SAAP - Year Wise Share of Investments for All Sectors (ULB Wise)

Remaining Years of Mission Period  
(Amount in Rs. Crores)

Name of City	Total Project Investment	Committed Expenditure (if any) from Previous year 2015-16							Proposed Spending during Current Financial year 2016-17							Balance Carry Forward for Next Financial Years Till 2020						
		Centre	State			ULB			Centre	State			ULB			Centre	State			ULB		
			14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total
1. Patna	68.88	0.93	0	0.56	0.56	0.37	0.00	0.37	1.54	0	0.92	0.92	0.62	0.00	0.62	22.23	0	28.92	28.92	12.79	0.00	12.79
2. Danapur	0.50	0.25	0	0.15	0.15	0.10	0.00	0.10	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
3. Biharsharif	172.07	37.62	0	22.57	22.57	8.59	6.45	15.05	0.50	0	0.30	0.30	0.20	0.00	0.20	39.28	0	23.57	23.57	0.40	15.31	15.71
4. Sasaram	111.04	0.25	0	0.15	0.15	0.10	0.00	0.10	37.92	0	22.75	22.75	4.00	11.17	15.17	17.35	0	10.41	10.41	0.00	6.94	6.94
5. Dehri	103.80	0.25	0	0.15	0.15	0.10	0.00	0.10	41.68	0	25.01	25.01	4.01	12.66	16.67	9.97	0	5.98	5.98	0.00	3.99	3.99
6. Ara	137.73	37.52	0	22.51	22.51	7.93	7.07	15.01	0.25	0	0.15	0.15	0.10	0.00	0.10	31.10	0	18.66	18.66	0.20	12.24	12.44
7. Buxar	77.41	14.91	0	8.95	8.95	2.84	3.13	5.96	0.00	0	0.00	0.00	0.00	0.00	0.00	23.80	0	14.28	14.28	0.00	9.52	9.52
8. Muzaffarpur	105.00	0.25	0	0.15	0.15	0.10	0.00	0.10	51.75	0	31.05	31.05	10.74	9.96	20.70	0.50	0	0.30	0.30	0.20	0.00	0.20
9. Motihari	116.19	17.73	0	10.64	10.64	3.57	3.52	7.09	0.31	0	0.19	0.19	0.12	0.00	0.12	40.05	0	24.03	24.03	0.20	15.82	16.02
10. Bettiah	129.38	0.25	0	0.15	0.15	0.10	0.00	0.10	50.09	0	30.05	30.05	3.67	16.37	20.04	7.41	0	4.45	4.45	0.10	2.86	2.96
11. Bagha	185.02	16.31	0	9.78	9.78	3.83	2.69	6.52	36.66	0	22.00	22.00	0.00	14.66	14.66	8.74	0	5.24	5.24	0.00	15.47	15.47
12. Hajipur	129.46	20.80	0	12.48	12.48	4.24	4.08	8.32	0.25	0	0.15	0.15	0.10	0.00	0.10	43.68	0	26.21	26.21	0.20	17.27	17.47
13. Begusrai	123.31	34.80	0	20.88	20.88	6.90	7.02	13.92	0.72	0	0.43	0.43	0.29	0.00	0.29	26.13	0	15.68	15.68	0.00	10.45	10.45

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14. Munger	62.81	29.91	0	18.09	18.09	6.32	5.74	12.06	0.75	0	0.45	0.45	0.30	0.00	0.30	0.50	0	0.30	0.30	0.20	0.00	0.20
15. Jamalpur	29.00	0.25	0	0.15	0.15	0.10	0.00	0.10	14.00	0	8.40	8.40	2.90	2.70	5.60	0.25	0	0.15	0.15	0.10	0.00	0.10
16. Gaya	4.32	0.25	0	0.15	0.15	0.10	0.00	0.10	1.41	0	0.85	0.85	0.56	0.00	0.56	0.50	0	0.30	0.30	0.20	0.00	0.20
17. Bodhgaya	2.50	0.00	0	0.00	0.00	0.00	0.00	0.00	0.25	0	0.15	0.15	0.10	0.00	0.10	1.00	0	0.60	0.60	0.08	0.32	0.40
18. Aurangabad	121.57	14.83	0	8.90	8.90	3.09	2.84	5.93	0.25	0	0.15	0.15	0.10	0.00	0.10	45.71	0	27.43	27.43	0.20	18.08	18.28
19. Jehanabad	71.29	14.96	0	8.98	8.98	3.10	2.88	5.98	0.25	0	0.15	0.15	0.10	0.00	0.10	6.47	0	3.88	3.88	0.10	2.49	2.59
20. Purnea	82.89	0.50	0	0.30	0.30	0.20	0.00	0.20	40.45	0	24.27	24.27	9.19	6.99	16.18	0.50	0	0.30	0.30	0.20	0.00	0.20
21. Katihar	159.61	0.50	0	0.30	0.30	0.20	0.00	0.20	49.48	0	29.69	29.69	6.70	13.09	19.79	29.83	0	17.90	17.90	6.92	5.01	11.93
22. Kishanganj	76.95	15.39	0	9.23	9.23	3.39	2.77	6.15	0.25	0	0.15	0.15	0.10	0.00	0.10	22.84	0	13.70	13.70	0.10	9.04	9.14
23. Chhapra	127.52	28.59	0	17.15	17.15	3.20	8.24	11.44	0.25	0	0.15	0.15	0.10	0.00	0.10	34.92	0	20.95	20.95	2.70	11.27	13.97
24. Siwan	81.83	19.15	0	11.34	11.34	3.80	3.76	7.56	0.25	0	0.15	0.15	0.10	0.00	0.10	21.77	0	13.06	13.06	0.10	8.61	8.71
25. Darbhanga	70.50	25.18	0	15.11	15.11	8.37	1.70	10.07	0.50	0	0.30	0.30	0.20	0.00	0.20	9.57	0	5.74	5.74	0.20	3.63	3.83
26. Bhagalpur	28.50	0.50	0	0.30	0.30	0.20	0.00	0.20	12.75	0	7.65	7.65	5.10	0.00	5.10	1.00	0	0.60	0.60	0.40	0.00	0.40
27. Saharsa	90.70	0.25	0	0.15	0.15	0.10	0.00	0.10	45.10	0	27.06	27.06	4.37	13.67	18.04	0.00	0	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>2469.78</b>	<b>332.10</b>	<b>0</b>	<b>199.26</b>	<b>199.26</b>	<b>70.95</b>	<b>61.89</b>	<b>132.84</b>	<b>387.60</b>	<b>0</b>	<b>232.56</b>	<b>232.56</b>	<b>53.77</b>	<b>101.27</b>	<b>155.04</b>	<b>445.10</b>	<b>0</b>	<b>282.65</b>	<b>282.65</b>	<b>25.59</b>	<b>156.35</b>	<b>181.94</b>

Note: The Total Project Investment includes Rs. 120.69 core worth water supply projects in 4 towns ongoing under state plan and have been shown in convergence. Funding of such projects will be 100% by the state.

### Chapter 2: Review of SAAPs

This chapter reviews the performance of the implementation of the past SAAPs on the key themes in the AMRUT Guidelines.

### Project Progress

In this section the physical and financial progress is reviewed as per the following tables and bullet wise questions are responded as below:-.

<b>Table for physical and financial progress Review</b>									
<b>For the Year 2015-16 (Amount in Rs. Crores)</b>									
S. No.	Name of ULB	Approved SAAP 2015-16		DPR Prepared (Y/N)	Approved by SLTC (Y/N)	Work Order issued (Y/N)	Implementation Progress		Amount disbursed till date
		Project name	Amount				Physical (%)	Financial (%)	
1	2	3	4	7	8	9	10	11	12
1	Hajipur	Water Supply	41.10	Y	Y	Y	0.00	0.00	6.5760

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2	Buxar	Water Supply	29.32	Y	Y	Y	0.00	0.00	4.6912
3	Begusarai	Water Supply	69.10	Y	Y	N	0.00	0.00	11.0560
4	Munger	Water Supply	59.31	N	N	N	0.00	0.00	9.4896
5	Ara	Water Supply	74.53	Y	Y	N	0.00	0.00	11.9248
6	Biharshariff	Water Supply	74.74	Y	Y	N	0.00	0.00	11.9584
7	Darbhanga	Water Supply	49.85	Y	Y	N	0.00	0.00	7.9760
8	Chhapra	Water Supply	56.18	Y	Y	Y	0.00	0.00	8.9888
9	Jehanabad	Water Supply	29.42	Y	Y	Y	0.00	0.00	4.7072
10	Bagha	Water Supply	32.11	Y	Y	Y	0.00	0.00	5.1376
11	Motihari	Water Supply	34.96	Y	Y	Y	0.00	0.00	5.5936
12	Siwan	Water Supply	37.30	Y	Y	Y	0.00	0.00	5.9680
13	Aurangabad	Water Supply	29.15	Y	Y	N	0.00	0.00	4.6640
14	Kishanganj	Water Supply	30.27	Y	Y	N	0.00	0.00	4.8432
15	Patna	Parks	1.86	Y	N	N	0.00	0.00	0.2976
16	Hajipur	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
17	Buxar	Parks	0.50	Y	Y	N	0.00	0.00	0.0800

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

18	Begusarai	Parks	0.50	N	N	N	0.00	0.00	0.0800
19	Munger	Parks	1.00	Y	Y	N	0.00	0.00	0.1600
20	Ara	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
21	Biharshariff	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
22	Darbhanga	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
23	Chhapra	Parks	1.00	Y	Y	N	0.00	0.00	0.1600
24	Jehanabad	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
25	Bagha	Parks	0.50	N	N	N	0.00	0.00	0.0800
26	Motihari	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
27	Siwan	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
28	Aurangabad	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
29	Sasaram	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
30	Katihar	Parks	1.00	Y	Y	N	0.00	0.00	0.1600
31	Kishanganj	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
32	Purnea	Parks	1.00	Y	Y	N	0.00	0.00	0.1600
33	Dehri	Parks	0.50	Y	Y	N	0.00	0.00	0.0800

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34	Bettiah	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
35	Jamalpur	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
36	Saharsa	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
37	Bhagalpur	Parks	1.00	Y	Y	N	0.00	0.00	0.1600
38	Mujaffarpur	Parks	0.50	Y	N	N	0.00	0.00	0.0800
39	Danapur	Parks	0.50	N	N	N	0.00	0.00	0.0800
40	Gaya	Parks	0.50	Y	Y	N	0.00	0.00	0.0800
<b>Total</b>			<b>664.20</b>				<b>0.00</b>	<b>0.00</b>	<b>106.2720</b>

### Table for physical and financial progress Review

For The years 2016-17  
(Amount in Rs. Crores)

S. No.	Name of ULB	Approved SAAP 2016-17		DPR (Y/N)	SLTC (Y/N)	Work Order (Y/N)	Implementation Progress		Amount disbursed till date
		Project name	Amount				Physical (%)	Financial (%)	

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

1	2	3	4	7	8	9	10	11	12
1	Sasaram	Water Supply	75.84	N	N	N	0.00	0.00	0.00
2	Dehri	Water Supply	82.86	N	N	N	0.00	0.00	0.00
3	Bettiah	Water Supply	99.68	N	N	N	0.00	0.00	0.00
	Bagaha	Water Supply	73.32	N	N	N	0.00	0.00	0.00
4	Jamalpur	Water Supply	28.00	N	N	N	0.00	0.00	0.00
5	Purnea	Water Supply	78.97	N	N	N	0.00	0.00	0.00
6	Katihar	Water Supply	98.95	N	N	N	0.00	0.00	0.00
7	Saharsa	Water Supply	90.20	N	N	N	0.00	0.00	0.00
8	Muzaffarpur	Drainage	99.90	N	N	N	0.00	0.00	0.00
9	Bhagalpur	Drainage	24.00	N	N	N	0.00	0.00	0.00
10	Patna	Parks	3.08	N	N	N	0.00	0.00	0.00
11	Hajipur	Parks	0.50	N	N	N	0.00	0.00	0.00
12	Begusarai	Parks	1.44	N	N	N	0.00	0.00	0.00
13	Munger	Parks	1.50	N	N	N	0.00	0.00	0.00
14	Ara	Parks	0.50	Y	N	N	0.00	0.00	0.00



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15	Biharshariff	Parks	1.00	N	N	N	0.00	0.00	0.00
16	Darbhanga	Parks	1.00	N	N	N	0.00	0.00	0.00
17	Chhapra	Parks	0.50	N	N	N	0.00	0.00	0.00
18	Jehanabad	Parks	0.50	N	N	N	0.00	0.00	0.00
19	Motihari	Parks	0.62	N	N	N	0.00	0.00	0.00
20	Siwan	Parks	0.50	N	N	N	0.00	0.00	0.00
21	Aurangabad	Parks	0.50	N	N	N	0.00	0.00	0.00
22	Kishanganj	Parks	0.50	N	N	N	0.00	0.00	0.00
23	Purnea	Parks	1.92	N	N	N	0.00	0.00	0.00
24	Dehri	Parks	0.50	N	N	N	0.00	0.00	0.00
25	Bettiah	Parks	0.50	N	N	N	0.00	0.00	0.00
26	Bhagalpur	Parks	1.50	N	N	N	0.00	0.00	0.00
27	Mujaffarpur	Parks	3.60	Y	N	N	0.00	0.00	0.00
28	Gaya	Parks	2.82	Y	Y	N	0.00	0.00	0.00
29	Bodhgaya	Parks	0.50	N	N	N	0.00	0.00	0.00
	<b>Total</b>		<b>775.20</b>				<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

- **Have DPRs been prepared for all projects approved earlier? If not then which are the projects for which DPR is pending and why? (500 words)**

DPRs of 13 water supply projects out of 21 approved in SAAP 2015-16 and 2016-17 have been prepared and approved by SLTC/SHPSC..Out of 46 DPRs approved for Development of parks in SAAP 2015-16 & 2016-17, 21 DPRs have been prepared and approved by SLTC/SHPSC.

- **What is the plan of action for the pending DPRs? (300 words)**

Bihar Rajya Jal Parishad (BRJP) is preparing the DPRs of water supply projects while the ULBs are preparing DPRs for Park Development.

- **How many SLTC meetings had been held in the State? How many DPRs have been approved by the SLTC till date? (250 words)**

Four SLTC meetings have been held as yet. 13 DPRs of Water Supply Projects and 21 DPRs of Park Projects have been approved by SLTC.

- **By when will the pending DPRs be approved by the SLTC and when will implementation start? (250 words)**

Remaining projects of Water Supply and Development of Parks will be approved in the 5<sup>th</sup> & 6<sup>th</sup> SLTC meeting likely to be held in November & December, 2016.

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

- **Based on the identification of delayed projects and the reasons for slow physical progress, what is the plan of action to speed-up the projects? (300 words)**

BRJP has been asked to speed up the progress. Regular review meetings are planned to discuss on pending issues and to prepare plan of action. Regular follow up with the ULBs for preparation of DPRs and tendering is being done at state Mission level.

- **How much amount has been utilized and what is the percentage share of the funding agencies? Are there any deviations from the approved funding pattern approved by the Apex Committee? (tabular form and 500 words)**

No money has been utilized as yet. No deviations from the funding pattern approved by the Apex Committee has yet been envisaged. Deviation in the project cost of Water Supply Saharsa as approved by the Apex Committee has been envisaged after review of the status of ongoing water supply scheme in the town under State Plan.

- **List out the projects where release of funds to ULBs by the State was delayed?**

State has already released its matching share of 20% of total allocation, as per approved SAAP 2015-16, to the concerned ULBs in conformity with the release of 20% CA by Govt of India. ULBs. Bidding process has been started for the projects already sanctioned by SLTC. The CA released by MoUD for year 2016-17 could not be released to ULBs due to delay in withdrawal from state treasury.

- **In how many ULBs implementation was done by agencies other than ULBs? Was a resolution taken from all ULBs? (tabular and 200 words)**

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

All Water Supply Projects is being implemented by Bihar Rajya Jal Parishad who has awarded works for 7 Water Supply Projects. Tripartite Agreement is under process of execution. The bidding process of remaining projects approved by SLTC is ongoing and hence implementation at ULB level has not yet started.

- **List out the projects where the assessed value approved by the Apex Committee was greater than the tendered value and there was a saving? Was this addressed by the HPSC in the present SAAP? (tabular and 200 words)**

The project cost of Water Supply Saharsa approved by Apex Committee has been reviewed after review of the status of ongoing water supply scheme in the town under State Plan. It is estimated that the project cost as approved by Apex Committee Rs. 163.52 Crore is more than that required Rs. 90.20 Crore for 100% coverage of the households. This has been approved by the SHPSC and considered in the present SAAP.

- **List out the number of city-wise projects where the second and third installments were claimed. (Tabular form).**

No further installment has been asked for as yet since implementation process is yet to begin.

- **List out the city-wise completed projects. Was the targeted benchmark achieved? Explain the reasons for non-achievement (tabular form and 400 words)**

No project has yet been completed. However, 7 water supply projects have been recently started.

- **List out the details of projects taken up in PPP model. Describe the type of PPP (tabular; 300 words)**

No PPP project has yet been taken up.

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

- List out and describe any out-of-the-box initiatives/Smart Solutions/resilience used/incorporated in the projects under implementation. What is the nature of the innovation in the projects? (tabular; 300 words)

Out-of-the-box initiatives/Smart Solutions will be promoted during project implementation. However, SCADA has been proposed in all Water Supply Projects.

### Service Levels

The focus of AMRUT is to achieve service level benchmarks, such as universal coverage in water supply, sewer connections and drainage etc.. In the approved SAAPs, the Govt of Bihar has targeted the benchmark of universal coverage. The SAAP will review the progress towards targets set by the ULBs to move towards achievement of universal coverage.

<b>Table for Progress Review</b>					
					FY 2016-17
Name of City	Service Level Benchmark	SAAP Baseline (as in 2015-16)	SAAP Mission Target FY 2020	For the last Financial Year	
				Target upto beginning of current FY 2016-17	Achievement upto beginning of current FY 2016-17
<b>Sector: Water Supply</b>					
1. Hajipur	1. Household level coverage of direct water supply connections	27%	100%	27%	27%

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

	2. Per capita quantum of water supplied	52lpcd	135lpcd	52 lpcd	52 lpcd
	3. Quality of water supplied	100%	100%	100%	100%
2. Buxar	1. Household level coverage of direct water supply connections	60%	100%	60%	60%
	2. Per capita quantum of water supplied	51lpcd	135lpcd	100 lpcd	100 lpcd
	3. Quality of water supplied	100%	100%	100%	100%
3. Begusarai	1. Household level coverage of direct water supply connections	22%	100%	22%	22%
	2. Per capita quantum of water supplied	45lpcd	135lpcd	45lpcd	45lpcd
	3. Quality of water supplied	20%	100%	20%	20%
4. Munger	1. Household level coverage of direct water supply connections	46%	100%	46%	46%
	2. Per capita quantum of water supplied	57lpcd	135lpcd	100 lpcd	100 lpcd
	3. Quality of water supplied	80%	100%	80%	80%
5. Arrah	1. Household level coverage of direct water supply connections	20%	100%	20%	20%

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	2. Per capita quantum of water supplied	30lpcd	135lpcd	30lpcd	30lpcd
	3. Quality of water supplied	80%	100%	80%	80%
6. Bihar sharif	1. Household level coverage of direct water supply connections	55.30%	100%	70%	70%
	2. Per capita quantum of water supplied	105lpcd	135lpcd	105 lpcd	105 lpcd
	3. Quality of water supplied	20%	100%	20%	20%
7. Darbhanga	1. Household level coverage of direct water supply connections	15%	100%	50%	50%
	2. Per capita quantum of water supplied	39lpcd	135lpcd	39lpcd	39lpcd
	3. Quality of water supplied	85%	100%	85%	85%
8. Chhapra	1. Household level coverage of direct water supply connections	45%	100%	60%	60%
	2. Per capita quantum of water supplied	57 lpcd	135lpcd	100 lpcd	100 lpcd
	3. Quality of water supplied	100%	100%	100%	100%
9. Jehanabad	1. Household level coverage of direct water supply connections	10.40%	100%	10.40%	10.40%

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	2. Per capita quantum of water supplied	28lpcd	135lpcd	28lpcd	28lpcd
	3. Quality of water supplied	30%	100%	30%	30%
10. Bagaha	1. Household level coverage of direct water supply connections	12%	100%	12%	12%
	2. Per capita quantum of water supplied	21lpcd	135lpcd	21lpcd	21lpcd
	3. Quality of water supplied	70%	100%	70%	70%
11. Motihari	1. Household level coverage of direct water supply connections	21.80%	100%	22%	22%
	2. Per capita quantum of water supplied	19lpcd	135lpcd	19lpcd	19lpcd
	3. Quality of water supplied	70%	100%	70%	70%
12. Siwan	1. Household level coverage of direct water supply connections	20%	100%	20%	20%
	2. Per capita quantum of water supplied	35lpcd	135lpcd	35lpcd	35lpcd
	3. Quality of water supplied	80%	100%	80%	80%
13. Aurangabad	1. Household level coverage of direct water supply connections	10%	100%	10%	10%



## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

	2. Per capita quantum of water supplied	45lpcd	135lpcd	45lpcd	45lpcd
	3. Quality of water supplied	70%	100%	70%	70%
14. Sasaram	1. Household level coverage of direct water supply connections	30%	100%	30%	30%
	2. Per capita quantum of water supplied	25lpcd	135lpcd	25lpcd	25lpcd
	3. Quality of water supplied	80%	100%	80%	80%
15. Katihar	1. Household level coverage of direct water supply connections	30%	100%	30%	30%
	2. Per capita quantum of water supplied	45lpcd	135lpcd	45lpcd	45lpcd
	3. Quality of water supplied	50%	100%	50%	50%
16. Kishanganj	1. Household level coverage of direct water supply connections	3.20%	100%	10%	10%
	2. Per capita quantum of water supplied	32lpcd	135lpcd	45lpcd	45lpcd
	3. Quality of water supplied	80%	100%	80%	80%
17. Purnea	1. Household level coverage of direct water supply connections	60%	100%	60%	60%

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

	2. Per capita quantum of water supplied	65lpcd	135lpcd	65lpcd	65lpcd
	3. Quality of water supplied	70%	100%	70%	70%
18. Dehri	1. Household level coverage of direct water supply connections	7.4%	100%	7.4%	7.4%
	2. Per capita quantum of water supplied	18 lpcd	135 lpcd	18 lpcd	18 lpcd
	3. Quality of water supplied	80%	100%	80%	80%
19. Bettiah	1. Household level coverage of direct water	15.7%	100%	15.7%	15.7%
	2. Per capita quantum of water supplied	40 lpcd	135 lpcd	40 lpcd	40 lpcd
	3. Quality of water supplied	100%	100%	100%	100%
20. Jamalpur	1. Household level coverage of direct water supply connections	60%	100%	60%	60%
	2. Per capita quantum of water supplied	80lpcd	135lpcd	80lpcd	80lpcd
	3. Quality of water supplied	70%	100%	70%	70%

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

21. Saharsa	1. Household level coverage of direct water supply connections	10%	100%	10%	10%
	2. Per capita quantum of water supplied	45 lpcd	135 lpcd	45 lpcd	45 lpcd
	3. Quality of water supplied	20%	100%	20%	20%
<b>Sector: Drainage</b>					
22. Gaya	1. Coverage of storm water drainage network	40%	100%	40%	40%
23. Patna	1. Coverage of storm water drainage network	65%	100%	70%	70%
24. Darbhanga	1. Coverage of storm water drainage network	50%	100%	50%	50%
25. Muzaffarpur	1. Coverage of storm water drainage network	30%	100%	30%	30%
26. Danapur	1. Coverage of storm water drainage network	65%	100%	70%	70%
27. Bhagalpur	1. Coverage of storm water drainage network	50%	100%	50%	60%
28. Bodhgaya	1. Coverage of storm water drainage network	40%	40%	40%	40%
<b>Sector: Urban Transport</b>					

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

29. Hajipur	1. Service coverage of urban transport in the city	2.90	2.90	2.90	2.90
	2.Availability of urban transport per 1000 population	0.12	0.12	0.12	0.12
30. Buxar	1. Service coverage of urban transport in the city	3.20	3.20	3.20	3.20
	2.Availability of urban transport per 1000 Population	0.08	0.08	0.08	0.08
31. Begusarai	1. Service coverage of urban transport in the city	2.70	2.70	2.70	2.70
	2.Availability of urban transport per 1000 Population	0.04	0.04	0.04	0.04
32. Munger	1. Service coverage of urban transport in the city	3.92	3.92	3.92	3.92
	2.Availability of urban transport per 1000 Population	0.18	0.18	0.18	0.18
33. Ara	1. Service coverage of urban transport in the city	2.38	2.38	2.38	2.38
	2.Availability of urban transport per 1000 population	0.21	0.21	0.21	0.21
34. Biharsharif	1. Service coverage of urban transport in the city	3.97	3.97	3.97	3.97

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

	2.Availability of urban transport per 1000 Population	0.16	0.16	0.16	0.16
35. Darbhanga	1. Service coverage of urban transport in the city	3.30	3.30	3.30	3.30
	2.Availability of urban transport per 1000 Population	0.023	0.023	0.023	0.023
36. Chhapra	1. Service coverage of urban transport in the city	4.32	4.32	4.32	4.32
	2.Availability of urban transport per 1000 Population	0.11	0.11	0.11	0.11
37. Jehanabad	1. Service coverage of urban transport in the city	3.57	3.57	3.57	3.57
	2.Availability of urban transport per 1000 Population	0.14	0.14	0.14	0.14
38. Bagha	1. Service coverage of urban transport in the city	2.98	2.98	2.98	2.98
	2.Availability of urban transport per 1000 Population	0.09	0.09	0.09	0.09
39. Motihari	1. Service coverage of urban transport in the city	3.42	3.42	3.42	3.42
	2.Availability of urban transport per 1000 Population	0.15	0.15	0.15	0.15

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

40. Siwan	1. Service coverage of urban transport in the city	3.43	3.43	3.43	3.43
	2.Availability of urban transport per 1000 Population	0.07	0.07	0.07	0.07
41. Aurangabad	1. Service coverage of urban transport in the city	3.14	3.14	3.14	3.14
	2.Availability of urban transport per 1000 Population	0.05	0.05	0.05	0.05
42. Sasaram	1. Service coverage of urban transport in the city	5.56	5.56	5.56	5.56
	2.Availability of urban transport per 1000 Population	0.045	0.045	0.045	0.045
43. Katihar	1. Service coverage of urban transport in the city	2.71	2.71	2.71	2.71
	2.Availability of urban transport per 1000 Population	0.06	0.06	0.06	0.06
44. Kishanaganj	1. Service coverage of urban transport in the city	2.01	2.01	2.01	2.01
	2.Availability of urban transport per 1000 Population	0.10	0.10	0.10	0.10
45. Purnea	1. Service coverage of urban transport in the city	1.82	1.82	1.82	1.82

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

	2.Availability of urban transport per 1000 Population	0.04	0.04	0.04	0.04
46. Dehri	1. Service coverage of urban transport in the city	4.18	4.18	4.18	4.18
	2.Availability of urban transport per 1000 population	0.08	0.08	0.08	0.08
47. Bettiah	1. Service coverage of urban transport in the city	3.87	3.87	3.87	3.87
	2.Availability of urban transport per 1000 population	0.065	0.065	0.065	0.065
48. Jamalpur	1. Service coverage of urban transport in the city	0.91	0.91	0.91	0.91
	2.Availability of urban transport per 1000 Population	0.19	0.19	0.19	0.19
49. Saharsa	1. Service coverage of urban transport in the city	2.24	2.24	2.24	2.24
	2.Availability of urban transport per 1000 Population	0.08	0.08	0.08	0.08
50. Bhagalpur	1. Service coverage of urban transport in the city	4.71	4.71	4.71	4.71
	2.Availability of urban transport per 1000 Population	0.07	0.07	0.07	0.07

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51. Muzaffarpur	1. Service coverage of urban transport in the city	3.39	3.39	3.39	3.39
	2. Availability of urban transport per 1000 Population	0.055	0.055	0.055	0.055
52. Danapur	1. Service coverage of urban transport in the city	3.80	3.80	3.80	3.80
	2. Availability of urban transport per 1000 Population	0.12	0.12	0.12	0.12
53. Patna	1. Service coverage of urban transport in the city	1.46	1.46	1.46	1.46
	2. Availability of urban transport per 1000 Population	0.23	0.23	0.23	0.23
54. Gaya	1. Service coverage of urban transport in the city	2.67	2.67	2.67	2.67
	2. Availability of urban transport per 1000 Population	0.14	0.14	0.14	0.14
55. Gaya	1. Service coverage of urban transport in the city	2.67	2.67	2.67	2.67
	2. Availability of urban transport per 1000 Population	0.14	0.14	0.14	0.14
<b>Sector: Parks</b>					



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56.Hajipur	1. Per Person Open Space in Plain Areas as per URDPFI	110.7	110.7	110.7	110.7
57. Buxar	1. Per Person Open Space in Plain Areas as per URDPFI	99.45	99.45	99.45	99.45
58. Begusrai	1. Per Person Open Space in Plain Areas as per URDPFI	177.17	177.17	177.17	177.17
59. Munger	1. Per Person Open Space in Plain Areas as per URDPFI	68.92	68.92	68.92	68.92
60. Ara	1. Per Person Open Space in Plain Areas as per URDPFI	104.21	104.21	104.21	104.21
61. Biharsharif	1. Per Person Open Space in Plain Areas as per URDPFI	116.21	116.21	116.21	116.21
62. Darbhanga	1. Per Person Open Space in Plain Areas as per URDPFI	112.35	112.35	112.35	112.35
63. Chhapra	1. Per Person Open Space in Plain Areas as per URDPFI	52.93	52.93	52.93	52.93
64. Jehanabad	1. Per Person Open Space in Plain Areas as per URDPFI	69.56	69.56	69.56	69.56

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65. Bagha	1. Per Person Open Space in Plain Areas as per URDPFI	78.24	78.24	78.24	78.24
66. Motihari	1. Per Person Open Space in Plain Areas as per URDPFI	121.36	121.36	121.36	121.36
67. Siwan	1. Per Person Open Space in Plain Areas as per URDPFI	77.89	77.89	77.89	77.89
68. Aurangabad	1. Per Person Open Space in Plain Areas as per URDPFI	88.45	88.45	88.45	88.45
69. Sasaram	1. Per Person Open Space in Plain Areas as per URDPFI	104.56	104.56	104.56	104.56
70. Katihar	1. Per Person Open Space in Plain Areas as per URDPFI	124.50	124.50	124.50	124.50
71. Kishanganj	1. Per Person Open Space in Plain Areas as per URDPFI	251.93	251.93	251.93	251.93
72. Purnea	1. Per Person Open Space in Plain Areas as per URDPFI	310.72	310.72	310.72	310.72
73. Dehri	1. Per Person Open Space in Plain Areas as per URDPFI	75.37	75.37	75.37	75.37

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74. Bettiah	1. Per Person Open Space in Plain Areas as per URDPFI	66.86	66.86	66.86	66.86
75. Jamalpur	1. Per Person Open Space in Plain Areas as per URDPFI	58.23	58.23	58.23	58.23
76. Saharsa	1. Per Person Open Space in Plain Areas as per URDPFI	212.00	212.00	212.00	212.00
77. Bhagalpur	1. Per Person Open Space in Plain Areas as per URDPFI	52.26	52.26	52.26	52.26
78. Muzaffarpur	1. Per Person Open Space in Plain Areas as per URDPFI	58.37	58.37	58.37	58.37
79. Danapur	1. Per Person Open Space in Plain Areas as per URDPFI	76.23	76.23	76.23	76.23
80. Patna	1. Per Person Open Space in Plain Areas as per URDPFI	44.17	44.17	44.17	44.17
81. Gaya	1. Per Person Open Space in Plain Areas as per URDPFI	90.1	90.1	90.1	90.1
82. Bodhgaya	1. Per Person Open Space in Plain Areas as per URDPFI	106.1	106.1	106.1	106.1
<b>Sector: Sewerage &amp; Septage Management</b>					

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

83. Katihar	1. Coverage of latrines (individual or community)	72.22%	100%	80%	85%
	2. Coverage of sewerage network services	0%	0%	0%	0%
	3. Efficiency of Collection of Sewage	0%	90%	0%	0%
	4. Efficiency in treatment	0%	100%	0%	0%

- **In how many projects, city-wise, have targets not been achieved? What is the Plan for Action to achieve the targets?**

The SAAP 2015-16 was approved in the 4<sup>th</sup> meeting of the Apex Committee held in December, 2015 and there was no time to mobilize project implementation. So, no specific targets were set up for 2015-16. Work has been awarded recently for implementation of water supply projects in 7 towns and are in tendering process for 6 water supply projects approved in the SAAP 2015-16. Park projects in 21 towns are also under tendering process. The service level will get improved by the end of year 2017-18.

- **What are the status of the ongoing DPR preparation and the plan of action for the pending DPRs?**

In SAAP 2015-16, total 14 projects for Water supply and 26 projects for Development of Parks were approved. Work has already been awarded for 7 water supply projects. DPRs of 6 water supply projects & 21 park projects have already been prepared and sanctioned by SLTC. Bihar Rajya Jal Parishad (BRJP) is in the process of preparation of DPRs for remaining 8 Water Supply Projects. Remaining projects of Water Supply and Development of Parks will be approved in the 5<sup>th</sup> & 6<sup>th</sup> SLTC meeting likely to be held in November & December, 2016.

- **How many SLTC meetings had been held in the State? How many DPRs have been approved by the SLTC till date?**

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

Four SLTC meetings have been held till date. Total 13 DPRs for water supply projects and 21 DPRs for Development of Parks projects have been approved by SLTC till date.

### Capacity Building

There are two types of capacity building – individual and institutional. The Apex Committee had approved the annual capacity building plan and the SAAP of the current year has to review the progress of the capacity plan.

**Table for progress review of the Capacity Plan**

FY 2016-17						
Sl No	Name of ULB	Name of Department	Total number to be trained in Mission period	Target to be trained during the previous Financial Year	Number fully trained during the previous Financial Year	Name training institute
1	Aurangabad	Public Representatives	33	17	2	ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1		
		Sanitation	2	0		
2	Buxar	Public Representatives	34	17		ASCI
		Administrative				

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		Engineering	2	1		
		Accounts	4	1		
		Sanitation	2	1	2	
			2	0		
3	Jehanabad	Public Representatives	33	17		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
4	Jamalpur	Public Representatives	36	18		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
5	Kishanganj	Public Representatives	34	17		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
6	Bagaha	Public Representatives	35	18		ASCI
		Administrative	2	1		
		Engineering	4	1		

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		Accounts	2	1	2	
		Sanitation	2	0		
7	Motihari	Public Representatives	38	19		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
8	Bettiah	Public Representatives	39	20		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
9	Siwan	Public Representatives	38	19		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
10	Dehri	Public Representatives	40	20		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		

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11	Sasaram	Public Representatives Administrative Engineering Accounts Sanitation	40 2 4 2 2	20 1 1 1 0	2	ASCI
12	Hajipur	Public Representatives Administrative Engineering Accounts Sanitation	39 2 4 2 2	20 1 1 1 0	2	ASCI
13	Saharsa	Public Representatives Administrative Engineering Accounts Sanitation	29 2 4 2 2	15 1 1 1 0	2	ASCI
14	Danapur Nizamat	Public Representatives Administrative Engineering Accounts Sanitation	39 2 4 2 2	20 1 1 1 0	2	ASCI
15	Chapra	Public Representatives	44	22		ASCI



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		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
16	Munger	Public Representatives	45	23		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
17	Katihar	Public Representatives	45	23		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
18	Begusarai	Public Representatives	45	23		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
19	Arrah	Public Representatives	45	23		ASCI
		Administrative	2	1		
		Engineering	4	1		

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

		Accounts	2	1	2	
		Sanitation	2	0		
20	Purnia	Public Representatives	46	23		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
21	Darbhanga	Public Representatives	48	24		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
22	Biharsharif	Public Representatives	46	23		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		
23	Muzaffarpur	Public Representatives	49	25		ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1	2	
		Sanitation	2	0		

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24	Bhagalpur	Public Representatives	51	26	2	ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1		
		Sanitation	2	0		
25	Gaya	Public Representatives	53	27	2	ASCI
		Administrative	2	1		
		Engineering	4	1		
		Accounts	2	1		
		Sanitation	2	0		
26	Bodhgaya	Public Representatives	19	0	0	ASCI
		Administrative	1	0		
		Engineering	2	0		
		Accounts	2	0		
		Sanitation	1	0		
27	Patna	Public Representatives	72	36	13	ASCI
		Administrative	8	1		
		Engineering	13	1		
		Accounts	2	1		
		Sanitation	2	0		
	<b>Total</b>		<b>1364</b>	<b>633</b>	<b>63</b>	

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

- **In how many departments was training completed as approved in the SAAP of the last Financial Year? In how many departments was training partially done and in how many departments training not done at all? Please give reasons (300 words)**

Training of accounts department has been completed during last financial year and training for any other department could neither be completed nor initiated. Training focused on strengthening municipal financial systems i.e. enhancing generation of own resources as well as improved financial management. Special focus was given to improved budgeting in the ULBs with an attempt being made to link service level benchmarks with financial outlays for infrastructure works. Accrual based double entry accounting is under implementation in all ULBs as is internal audit – these will ensure that performance grant under 14<sup>th</sup> FC is accessed. Partial training has been conducted for preparation of GIS Based Master Plans and the state has initiated procurement of services for this intervention in the next 6 months. Through the year decentralized interactions have taken place regularly with the elected representatives of the ULBs on issues of governance and reforms. As part of the ongoing E-Municipality intervention, decentralized training has been conducted periodically in the 11 Municipal Corporations that are part of AMRUT on the use of the various modules that have been rolled out. The remaining towns will receive this training in the coming year as various E-Municipality modules are rolled out. MoU has been executed with 5 training agencies who will submit their training plan in consultation with the Mission Director.

- **List out the training institutes that could not complete training of targeted functionaries. What were the reasons and how will this be avoided in future? (tabular; 300 words)**
- The state has signed the MoU with ASCI & other 4 institutes for this purpose. However, the agreement was signed recently. The training that has been conducted has been through the expertise available under the ongoing DFID funded Support Programme for Urban

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

Reforms (SPUR). In the SAAP submitted for FY 2015-16, BIPARD was identified as the training institute, however, with the exception of one round of training for Executive Officers, no other training was conducted by the Agency on account of absence of trainers. It is under these circumstances that the MoU was signed with ASCI & other 4 institutes..

- **What is the status of utilization of funds? (250 words)**

- No funds could be utilized during last financial year as the MoU with ASCI could take place in January to March 2016 only.

- **Have the participants visited best practice sites? Give details (350 words)**

- As part of the training of Executive Officers conducted by BIPARD, exposure visit was undertaken to Gujarat. The Team spent 2 weeks in the state and interacted closely with the local government, visits were made to water & sewage treatment plants to understand operations, detailed discussions and understanding on the BRT in Ahmedabad were held. On return, the Team prepared presentations and shared key learning with the Officers of the Urban Development & Housing Department including the Principal Secretary.

- **Have the participants attended any national/international workshops, as per guideline (Annexure 7)? (350 words)**

- No participants attended any International workshops. However, only Municipal Commissioner Bhagalpur has attended workshops for Smart City initiative organized by the Ministry of Urban Development, Govt. of India.

- **What is the plan of action for the pending activities, if any? (400 words)**

- In the immediate future, a detailed training plan will be prepared in consultation with ASCI & other 4 institutes. The Training Calendar will be shared in advance and monitoring undertaken to ensure successful implementation.

### Reforms

According to Guideline 4.3, incentives of previous year will be given at the start of succeeding year, for which States are required to do a self-assessment, on receipt of which incentives will be awarded. A key requirement to claim incentives is to achieve at least 70 per cent Reforms for that year. Some of the criteria to be considered while doing the assessment are as follows:

#### Reform Implementation - Reforms Type, Steps and Target for AMRUT Cities FY-2016-2017

S. No.	Steps	Target to be set in SAAP			
		Up to to Sept,15	Up to Mar, 16	Up to Sep, 16	Up to Mar, 17
1	<b>Coverage with E-MAAS (from the date of hosting the software)</b>				
	(a) Registration of Birth, Death and marriage,		11 towns (Achieved)	16 towns (Achieved)	
	(b) Water & Sewerage Charges,				27 towns (In process)
	(c) Grievance Redressal,	27 towns (Achieved)			
	(d) Property Tax,		11 Towns (Achieved)	16 towns (Achieved)	

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

S. No.	Steps	Target to be set in SAAP			
		Up to to Sept,15	Up to Mar, 16	Up to Sep, 16	Up to Mar, 17
	(e) Advertisement tax,			11 towns (In process)	16 towns (In process)
	(f) Issuance of Licences			11 towns (In process)	16 towns (In process)
	(g) Building Permissions,		11 towns (Achieved)	16 towns (In process)	
	(h) Mutations, Payroll, Pension			11 towns (In process)	16 towns (In process)
	(i) e- Procurement.	27 towns (Achieved)			
2	Establishment of municipal cadre.				All 27 ULBs (In process)
3	Cadre linked training.			All 27 ULBs (In process)	
4	Appointment of internal auditor.			All 27 ULBs (Achieved)	
5	Augmenting Double entry accounting				

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

S. No.	Steps	Target to be set in SAAP			
		Up to to Sept,15	Up to Mar, 16	Up to Sep, 16	Up to Mar, 17
	Make a State Level policy for implementing the parameters Given in the National Mission for Sustainable Habitat				All 27 ULBs (In process)
6	Devolution of Funds and functions				
	Implementation of SFC Recommendations within timeline.			11 towns (In process)	16 towns (In process)
7	Review of Building by-laws				
	a) State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings.			All 27 ULBs (In process)	
	b) State formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above.	Provision Included in Building Bye Laws			
	c) `Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds.	BUIDF Trust formed			
8	Complete the credit ratings of the ULBs.			(agency appointed for 21 towns)	All 27 ULBs
9	Energy and Water audit				



## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

S. No.	Steps	Target to be set in SAAP			
		Up to to Sept,15	Up to Mar, 16	Up to Sep, 16	Up to Mar, 17
	Give incentives for green buildings (e.g. rebate in property tax or charges connected to building permission/ development charges).	Rebate is given for RWH structures		Provision of rebate in property tax for roof top solar power system. Amendment in Building Bye Laws is in process.	

- **Have the Reform formats prescribed by the TCPO furnished?**

Not for the year 2016-17.

- **Did the State as a whole complete 70 percent of Reforms? If, yes was the incentive claimed? (100 words)**

Yes, The state as a whole complete 70 percent of reforms for 2015-16 and incentive received.

- **What was the amount of incentive claimed? How was it distributed among the ULBs and what was it used for? (tabular; 300 words)**

Incentive amount of Rs. 15.04 Crore is yet to be distributed between the ULBs.

- **What is the status of Reforms to be completed in the Mission period? Has advance action been taken and a Plan of Action prepared? (500 words)**

More than 70% of the reforms have been achieved. Actions have already been taken by the ULBs to achieve 100% reforms.

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

- **Give any instances of innovation in Reform implementation. (300 words)**

GIS Base Maps have been prepared for 29 of 140 towns of the state of Bihar which include mapping of all utilities and contour generation at 0.5 meter interval. Procurement for consultants for preparation of Base Maps for 40 other towns is in the final stage. GIS based Property survey of 5 towns completed successfully in the state which also includes GIS based unique house number generation, house number plate fixation and it's integration with GIS base map.

### Use of A&OE

- **What are the items for which the A&OE has been used? (tabular; 250 words)**

Rs. 9.16 Lakh has been spent on training of 63 Accounts personnel and other meetings related to AMRUT. Payment of Rs. 2.50 Crore has been released to the e-municipality vendor. Partial payment has also been released for GIS based property survey work.

- **Are the items similar to the approved items in SAAP or there is any deviation? If yes, list the items with reasons (tabular; 300 words)**

There is no deviation from the approved SAAP.

- **What is the utilization status of funds? (tabular; 250 words)**

The process of hiring of professionals for PMU & PIU is almost completed and likely to be appointed in the month of November, 2016. Only minor amount has been spent on training of Accounts Personnel only.

- **Has the IRMA been appointed? What was the procedure followed?(250 words)**

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

IRMA has not yet been appointed as the implementation is not yet started. MoUD, GoI will appoint the IRMA.

- **If not appointed, give reason for delay and the likely date of appointment (100 words)**

IRMA has not yet been appointed as the implementation is not yet started. Will be appointed by MoUD, GoI.

- **Have you taken up activities connected to E-Municipality as a Service (E-MAAS)? Please give details. (250 words)**

Yes, Five important modules (i) Website of ULB & Computerized Citizen's Facility Center (ii) Birth & Death Certificates (iii) Online Property Tax Collection (iv) Online Building Plan Approval and (v) online RTI applications disposal system have been made go live in all 27 ULBs and being used by the citizens.

- **Have you displayed the logo and tagline of AMRUT prominently on all projects? Please give list. (tabular; 100 words)**

Implementation of WS projects has started recently. AMRUT logo and tagline will be prominently displayed during and after implementation of projects.

- **Have you utilized the funds on any of the inadmissible components (para 4.4)? If yes, give list and reasons. (tabular; 350 words)**

Fund have not been utilized on any inadmissible components.

### Funds flow

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

Govt. of Bihar recognizes that one reason for project delay has been delayed release of funds. In the following table the status of funds release and resource mobilization are indicated.

<b>Table indicating the status of funds release and resource mobilization</b>												
<b>FY 2016-17</b>												
<b>(Amount in Rs. Crores)</b>												
S. No	City name	Project name	Funds flow								Total funds flow to project	Total spent on project
			Gol (Approval of SAAP-2015-16 in 4 <sup>th</sup> Apex committee meeting)		Gol (Approval of SAAP-2016-17 in 12 <sup>th</sup> Apex committee meeting)		State (Approval in SHPSC meeting on 04-03-16 & 16-09-16)		ULB/ Others			
			Approved amount	Disbursed	Approved amount	Disbursed	Approved amount	Disbursed	Approved amount	Disbursed		
1	Biharshariff	Water Supply	37.37	7.474	0.00	0.000	22.271	4.484	14.847	0	11.958	0
2	Sasaram	Water Supply	0.00		37.92	7.584				0	0.000	0
3	Dehri	Water Supply	0.00		41.43	8.286				0	0.000	0
4	Ara	Water Supply	37.27	7.453	0.00	0.000	22.325	4.472	14.883	0	11.925	0
5	Buxar	Water Supply	14.66	2.932	0.00	0.000	8.814	1.759	5.876	0	4.691	0
6	Motihari	Water Supply	17.48	3.496	0.00	0.000	9.620	2.098	6.413	0	5.594	0
7	Bettiah	Water Supply	0.00		49.84	9.968				0	0.000	0

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8	Bagha	Water Supply	16.06	3.211	0.00	0.000	8.909	1.927	5.939	0	5.138	0
9	Hajipur	Water Supply	20.55	4.110	0.00	0.000	11.537	2.466	7.692	0	6.576	0
10	Begusarai	Water Supply	34.55	6.910	0.00	0.000	20.517	4.146	13.678	0	11.056	0
11	Munger	Water Supply	29.66	5.931		0.000		3.559		0	9.490	0
12	Jamalpur	Water Supply			14.00	2.800				0	0.000	0
13	Aurangabad	Water Supply	14.58	2.915	0.00	0.000	8.931	1.749	5.954	0	4.664	0
14	Jehanabad	Water Supply	14.71	2.942	0.00	0.000	8.783	1.765	5.855	0	4.707	0
15	Purnea	Water Supply			39.49	7.897				0	0.000	0
16	Katihar	Water Supply	0.00		49.48	9.895				0	0.000	0
17	Kishanganj	Water Supply	15.14	3.027	0.00	0.000	8.545	1.816	5.696	0	4.843	0
18	Chhapra	Water Supply	28.09	5.618	0.00	0.000	16.877	3.371	11.251	0	8.989	0
19	Siwan	Water Supply	18.65	3.730	0.00	0.000	11.154	2.238	7.436	0	5.968	0
20	Darbhanga	Water Supply	24.93	4.985	0.00	0.000	20.400	2.991	13.600	0	7.976	0
21	Saharsa	Water Supply	0.00		81.76	16.352				0	0.000	0
22	Bhagalpur	Drainage			12.00	2.400				0	0.000	0
23	Muzaffarpur	Drainage			49.95	9.990				0	0.000	0
24	Patna	Parks	0.93	0.186	1.54	0.308		0.112		0	0.298	0
25	Danapur	Parks	0.25	0.05		0.000		0.030		0	0.080	0
26	Biharshariff	Parks	0.25	0.05	0.50	0.100	0.178	0.030	0.119	0	0.080	0
27	Sasaram	Parks	0.25	0.05		0.000	0.146	0.030	0.097	0	0.080	0
28	Dehri	Parks	0.25	0.05	0.25	0.050	0.153	0.030	0.102	0	0.080	0
29	Ara	Parks	0.25	0.05	0.25	0.050		0.030		0	0.080	0
30	Buxar	Parks	0.25	0.05		0.000	0.130	0.030	0.087	0	0.080	0
31	Mujaffarpur	Parks	0.25	0.05	1.80	0.360		0.030		0	0.080	0

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32	Motihari	Parks	0.25	0.05	0.31	0.062	0.342	0.030	0.228	0	0.080	0
33	Bettiah	Parks	0.25	0.05	0.25	0.050	0.143	0.030	0.095	0	0.080	0
34	Bagha	Parks	0.25	0.05		0.000		0.030		0	0.080	0
35	Hajipur	Parks	0.25	0.05	0.25	0.050	0.163	0.030	0.109	0	0.080	0
36	Begusarai	Parks	0.25	0.05	0.72	0.144		0.030		0	0.080	0
37	Munger	Parks	0.5	0.1	0.75	0.150	0.277	0.060	0.185	0	0.160	0
38	Jamalpur	Parks	0.25	0.05	0.00	0.000	0.298	0.030	0.199	0	0.080	0
39	Gaya	Parks	0.25	0.05	1.41	0.282	1.001	0.030	0.668	0	0.080	0
40	Bodhgaya				0.25	0.050				0	0.000	0
41	Aurangabad	Parks	0.25	0.05	0.25	0.050	0.158	0.030	0.105	0	0.080	0
42	Jehanabad	Parks	0.25	0.05	0.25	0.050		0.030		0	0.080	0
43	Purnea	Parks	0.5	0.1	0.96	0.192	0.866	0.060	0.577	0	0.160	0
44	Katihar	Parks	0.5	0.1	0.00	0.000	0.627	0.060	0.418	0	0.160	0
45	Kishanganj	Parks	0.25	0.05	0.25	0.050	0.235	0.030	0.157	0	0.080	0
46	Chhapra	Parks	0.5	0.1	0.25	0.050	0.326	0.060	0.217	0	0.160	0
47	Siwan	Parks	0.25	0.05	0.25	0.050	0.189	0.030	0.126	0	0.080	0
48	Darbhanga	Parks	0.25	0.05	0.50	0.100	0.249	0.030	0.166	0	0.080	0
49	Bhagalpur	Parks	0.5	0.1	0.75	0.150	0.316	0.060	0.210	0	0.160	0
50	Saharsa	Parks	0.25	0.05	0.00	0.000	0.148	0.030	0.099	0	0.080	0
	<b>Total</b>		<b>332.100</b>	<b>66.420</b>	<b>387.600</b>	<b>77.520</b>	<b>184.628</b>	<b>39.852</b>	<b>123.085</b>	<b>0.000</b>	<b>106.272</b>	<b>0.000</b>

- In how many projects, city-wise, has the full funds been sanctioned and disbursed?

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Total 13 projects for Water Supply and 21 projects for Development of Parks were approved by the 2<sup>nd</sup> & 4<sup>th</sup> Meeting of the High Powered Steering Committee for the AMRUT Mission based on recommendation of State Level Technical Committee. The Gol share & State share has been disbursed to all 14 ULBs for Water Supply projects and to all 26 ULBs for development of parks.

- **Identify projects where delay in funds release led to delay in project implementation?**

Work has been awarded for 7 water supply projects approved by SHPSC. The remaining projects approved by SHPSC are in the tendering process and there seems to be no delay due to release of funds.

- **Give instances of doing more with less during implementation.**

Since implementation of 7 water supply projects has begun recently, such assessment could not be done.

### Funds disbursements and Conditions

- **How many project fund request has been made to the Gol?**

The funds released by Govt. of India (1<sup>st</sup> installment) has not yet been utilized. Therefore, no request has been made for fund against the projects sanctioned in SAAP 2015-16. Implementation of projects sanctioned in SAAP 2016-17 have not yet started, therefore, no request has been made for release of funds.

- **How many installments the Gol has released?**

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The first installment of i.e 20% of central assistance has been released by Gol for the year 2015-16 and 2016-17. The central assistance and matching state share for the year 2015-16 has been released to ULBs. The central assistance and matching state share for the year 2017-16 will be released to ULBs shortly.

- **Is there any observation from the Gol regarding the claims made?**

No claim has been submitted by the state to the Gol.

- **List out the conditions imposed by the Apex Committee, State HPSC and the SLTC. Have all the conditions been complied with? If, no identify the conditions not complied with and give reasons for non-compliance.**

Sl no	Conditions imposed/ Points raised by the Apex Committee (Ref: MoM of 4 <sup>th</sup> Meeting held on 10/12/2015)	Compliance Report	Remarks
1	State Govt is not taking up any projects in the sewerage sector though several AMRUT cities are covered under Namami Gange Mission. It was suggested that the sewerage projects in these cities other than I & D and STP should be taken up in 2 <sup>nd</sup> and 3 <sup>rd</sup> year of AMRUT Mission.	Although, 9 cities are also covered in Namami Gange scheme, sewerage projects are ongoing in 5 cities (Patna, Hajipur, Buxar, Begusarai & Munger). The sewerage is not the priority of the state as the water supply service levels have	It was advised in a meeting held in the Ministry of Water Resources, River Development & Ganga Rejuvenation to review the status of Namami Gange Projects that all DPRs for Sewerage projects should be submitted to MoUD separately.



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		not yet been achieved in the towns. Sewerage Project of Gaya is being taken up under ADB funded program.	
2.	<b>Need of drainage management was emphasized, Bihar being a flood prone area.</b>	Drainage of Bhagalpur town has been included as a new provision in place of deleted sewerage projects. In SAAP 2016-17, projects for Bhagalpur and Muzaffarpur have been approved. In SAAP for remaining years Patna Drainage project for flood prone area during monsoon has been taken up.	Septage Management project with fecal Sludge Management system for Katihar has been proposed in the SAAP for remaining years.
3	<b>No incomplete projects of JNNURM should be taken up under AMRUT</b>	<b>Not taken up</b>	
4	<b>No projects should be approved by SLTC which</b>	<b>Complied while sanctioning</b>	

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	do not have land available	the 9 WS projects + 14 park development projects by SLTC	
5	Action plan for recycling/reuse of waste water should be placed before SLTC at the time of DPR approval	No Waste water project has been sanctioned in SAAP 2015-16 & 2016-17.	
6	Should try for convergence of AMRUT, Namami Gange and SBM	Complied. WS projects ongoing under State Plan have been shown in convergence.	
7	Break up of coverage with sewerage network and septage may be clearly brought out	Only one project of septage management (Fecal Sludge Management) has been proposed in current SAAP>	
8	SAAP should be based on SSR not market rate	Complied	The rates of items available in State SoR have been taken from SOR and the Non SoR rates from

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			CPWD SoR & Market rate.
9	Water quality should be analyzed at Consumer end	It will be made part of the terms of the work contracts.	
10.	Capacity Building details to be provided to NIUA / MoUD	Complied	
11.	Implementation of reforms should be broken up into activities with Timeline and sent to TCPO by the State Mission Director.	Action Plan for reforms implementation is given in table above under Reforms.	

### Chapter 3: STATE ANNUAL ACTION PLAN (SAAP) for the Remaining Years of Mission Period

The SAAPs are aggregated from the SLIPs. The Master Plan of projects and the state level plan are filled out as below for achieving service levels in various sectors.

**Table3.5: SAAP- State level Plan for Achieving Service Level Benchmarks  
Current Mission period 2015-20**

For the Mission Period

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(Amount in Rs. Crores)

Proposed Priority Projects	Total Project Cost	Indicator <sup>1</sup>	Baseline <sup>2</sup>	Annual Targets based on Master Plan (Increment from the Baseline Value)					
				FY2016		FY	FY	FY	FY
				H1	H2	2017	2018	2019	2020
<b>Water Supply</b>									
1. Biharshariff	168.57	1. Household level coverage of direct water supply connections	55.30%	70%	80%	80%	90%	100%	100%
		2. Per capita quantum of water supplied	105lpcd	105 lpcd	105 lpcd	105 lpcd	120 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	20%	20%	30%	80%	100%	100%	100%
2. Sasaram	110.54	1. Household level coverage of direct water supply connections	30%	30%	30%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	25lpcd	25lpcd	25lpcd	70lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	100%	100%	100%	100%
3. Dehri	102.80	1. Household level coverage of direct water supply connections	7.40%	7.40%	20%	40%	60%	90%	100%
		2. Per capita quantum of water supplied	18 lpcd	18 lpcd	30 lpcd	50 lpcd	70 lpcd	100 lpcd	135 lpcd
		3. Quality of water supplied	80%	80%	80%	80%	90%	100%	100%
4. Arrah	135.73	1. Household level coverage of direct water supply connections	20%	20%	20%	50%	80%	90%	100%

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		2. Per capita quantum of water supplied	30lpcd	30lpcd	30lpcd	70lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	80%	80%	100%	100%
5. Buxar	76.91	1. Household level coverage of direct water supply connections	60%	60%	80%	90%	100%	100%	100%
		2. Per capita quantum of water supplied	51lpcd	100 lpcd	100 lpcd	120 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
6. Motihari	114.07	1. Household level coverage of direct water supply connections	21.80%	22%	40%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	19lpcd	19lpcd	45lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	70%	70%	70%	100%	100%	100%	100%
7. Bettiah	127.88	1. Household level coverage of direct water supply connections	15.70%	15.70%	40%	60%	80%	100%	100%
		2. Per capita quantum of water supplied	40 lpcd	40 lpcd	60 lpcd	80 lpcd	100 lpcd	135 lpcd	135 lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
8. Bagaha	184.52	1. Household level coverage of direct water supply connections	12%	12%	12%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	21lpcd	21lpcd	21lpcd	75lpcd	100 lpcd	120lpcd	135lpcd

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		3. Quality of water supplied	70%	70%	70%	100%	100%	100%	100%
9. Hajipur	127.46	1. Household level coverage of direct water supply connections	27%	27%	50%	70%	80%	90%	100%
		2. Per capita quantum of water supplied	52lpcd	52 lpcd	100 lpcd	110 lpcd	120 lpcd	130 lpcd	135lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
10. Begusarai	121.37	1. Household level coverage of direct water supply connections	22%	22%	50%	80%	100%	100%	100%
		2. Per capita quantum of water supplied	45lpcd	45lpcd	75lpcd	100 lpcd	135 lpcd	135 lpcd	135lpcd
		3. Quality of water supplied	20%	20%	100%	100%	100%	100%	100%
11. Munger	59.31	1. Household level coverage of direct water supply connections	46%	46%	80%	80%	90%	100%	100%
		2. Per capita quantum of water supplied	57lpcd	100 lpcd	135 lpcd	135 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	80%	80%	100%	100%	100%	100%	100%
12. Jamalpur	28.00	1. Household level coverage of direct water supply connections	60%	60%	70%	90%	100%	100%	100%
		2. Per capita quantum of water supplied	80lpcd	80lpcd	100 lpcd	135 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	70%	70%	80%	100%	100%	100%	100%

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13. Aurangabad	119.57	1. Household level coverage of direct water supply connections	10%	10%	10%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	45lpcd	45lpcd	45lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	70%	70%	70%	100%	100%	100%	100%
14. Jehanabad	69.79	1. Household level coverage of direct water supply connections	10.40%	10.40%	10.40%	50%	80%	90%	100%
		2. Per capita quantum of water supplied	28lpcd	28lpcd	28lpcd	40lpcd	90lpcd	100lpcd	135lpcd
		3. Quality of water supplied	30%	30%	30%	80%	90%	100%	100%
15. Purnea	78.97	1. Household level coverage of direct water supply connections	60%	60%	70%	90%	100%	100%	100%
		2. Per capita quantum of water supplied	65lpcd	65lpcd	75lpcd	100 lpcd	100 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	70%	70%	80%	100%	100%	100%	100%
16. Katihar	119.76	1. Household level coverage of direct water supply connections	30%	30%	30%	70%	80%	90%	100%
		2. Per capita quantum of water supplied	45lpcd	45lpcd	45lpcd	100 lpcd	110 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	50%	50%	50%	100%	100%	100%	100%
17. Kishanganj	75.45	1. Household level coverage of direct water supply connections	3.20%	10%	10%	50%	80%	90%	100%

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		2. Per capita quantum of water supplied	32lpcd	45lpcd	50lpcd	75lpcd	100 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	100%	100%	100%	100%
18. Chhapra	125.02	1. Household level coverage of direct water supply connections	45%	60%	75%	80%	90%	100%	100%
		2. Per capita quantum of water supplied	57 lpcd	100 lpcd	100 lpcd	110 lpcd	120 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	100%	100%	100%	100%	100%	100%	100%
19. Siwan	80.33	1. Household level coverage of direct water supply connections	20%	20%	20%	80%	80%	90%	100%
		2. Per capita quantum of water supplied	35lpcd	35lpcd	35lpcd	100 lpcd	110 lpcd	120lpcd	135lpcd
		3. Quality of water supplied	80%	80%	80%	80%	100%	100%	100%
20. Darbhanga	68.00	1. Household level coverage of direct water supply connections	15%	50%	70%	100%	100%	100%	100%
		2. Per capita quantum of water supplied	39lpcd	39lpcd	100 lpcd	135 lpcd	135 lpcd	135lpcd	135lpcd
		3. Quality of water supplied	85%	85%	85%	100%	100%	100%	100%
21. Saharsa	90.20	1. Household level coverage of direct water supply connections	10%	10%	25%	50%	70%	90%	100%
		2. Per capita quantum of water supplied	45 lpcd	45 lpcd	60 lpcd	80 lpcd	100 lpcd	120 lpcd	135 lpcd
		3. Quality of water supplied	20%	20%	40%	60%	80%	100%	100%



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Total	<b>2184.25</b>									
<b>Storm Water Drainage</b>										
22. Muzaffarpur	99.90	1. Coverage of storm water drainage network	30%	30%	30%	30%	60%	80%	100%	
23. Bhagalpur	24.00	1. Coverage of storm water drainage network	50%	50%	50%	60%	80%	100%	100%	
24. Patna	58.44	1. Coverage of storm water drainage network	40%	50%	50%	60%	70%	70%	80%	
<b>Total</b>	<b>182.34</b>									
<b>Sewerage &amp; Septage Management</b>										
25. Katihar	37.75	1. Coverage of latrines (individual or community)	72.22%	Funding considered under Swachh Bharat Mission						
		2. Coverage of sewerage network services	0%	0%	0%	0%	0%	0%	0%	
		3. Efficiency of Collection of Sewage	0%	0%	0%	10%	50%	70%	90%	
		4. Efficiency in treatment	0%	0%	0%	30%	100%	100%	100%	
<b>Others – Parks and Open Spaces</b>										
26. Patna	10.44	1. Per Person Open Space in Plain Areas as per URDPFI	44.17	44.17	44.17	44.17	44.17	44.17	44.17	
27. Danapur	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	76.23	76.23	76.23	76.23	76.23	76.23	76.23	
28. Biharsharif	3.50	1. Per Person Open Space in Plain Areas as per URDPFI	116.21	116.21	116.21	116.21	116.21	116.21	116.21	
29. Sasaram	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	104.56	104.56	104.56	104.56	104.56	104.56	104.56	

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30. Dehri	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	75.37	75.37	75.37	75.37	75.37	75.37	75.37
31. Ara	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	104.21	104.21	104.21	104.21	104.21	104.21	104.21
32. Buxar	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	99.45	99.45	99.45	99.45	99.45	99.45	99.45
33. Muzaffarpur	5.10	1. Per Person Open Space in Plain Areas as per URDPFI	58.37	58.37	58.37	58.37	58.37	58.37	58.37
34. Motihari	2.12	1. Per Person Open Space in Plain Areas as per URDPFI	121.36	121.36	121.36	121.36	121.36	121.36	121.36
35. Bettiah	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	66.86	66.86	66.86	66.86	66.86	66.86	66.86
36. Bagha	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	78.24	78.24	78.24	78.24	78.24	78.24	78.24
37. Hajipur	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	110.7	110.7	110.7	110.7	110.7	110.7	110.7
38. Begusrai	1.94	1. Per Person Open Space in Plain Areas as per URDPFI	177.17	177.17	177.17	177.17	177.17	177.17	177.17
39. Munger	3.50	1. Per Person Open Space in Plain Areas as per URDPFI	68.92	68.92	68.92	68.92	68.92	68.92	68.92
40. Jamalpur	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	58.23	58.23	58.23	58.23	58.23	58.23	58.23
41. Gaya	4.32	1. Per Person Open Space in Plain Areas as per URDPFI	90.1	90.1	90.1	90.1	90.1	90.1	90.1
42. Bodhgaya	2.50	1. Per Person Open Space in Plain Areas as per URDPFI	106.1	106.1	106.1	106.1	106.1	106.1	106.1

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43. Aurangabad	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	88.45	88.45	88.45	88.45	88.45	88.45	88.45
44. Jehanabad	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	69.56	69.56	69.56	69.56	69.56	69.56	69.56
45. Purnea	3.92	1. Per Person Open Space in Plain Areas as per URDPFI	310.72	310.72	310.72	310.72	310.72	310.72	310.72
46. Katihar	2.10	1. Per Person Open Space in Plain Areas as per URDPFI	124.5	124.5	124.5	124.5	124.5	124.5	124.5
47. Kishanganj	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	251.93	251.93	251.93	251.93	251.93	251.93	251.93
48. Chhapra	2.50	1. Per Person Open Space in Plain Areas as per URDPFI	52.93	52.93	52.93	52.93	52.93	52.93	52.93
49. Siwan	1.50	1. Per Person Open Space in Plain Areas as per URDPFI	77.89	77.89	77.89	77.89	77.89	77.89	77.89
50. Darbhanga	2.50	1. Per Person Open Space in Plain Areas as per URDPFI	112.35	112.35	112.35	112.35	112.35	112.35	112.35
51. Bhagalpur	4.50	1. Per Person Open Space in Plain Areas as per URDPFI	52.26	52.26	52.26	52.26	52.26	52.26	52.26
52. Saharsa	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	212	212	212	212	212	212	212
<b>Total</b>	<b>65.44</b>								

[1] [As per SLB framework for water supply, sewerage, solid waste management and drainage and proposed SLB indicator for urban transport](#)

[2] [Detailed information for arriving at% target against baseline shall be worked out from details provided by Cities so as to arrive at state indicators](#)

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**Table showing projects being proposed for approval to the Apex Committee**

For the Mission Period  
(Amount in Rs. Crores)

S.No.	City Name	Project Name	Estimated Cost & Share				Existing		
			GoI	State	ULB/ Others	Total	Indicator	Existing	After project completion
1	Biharshariff	Water Supply	38.28	22.97	15.31	76.56	1. Household level coverage of direct water supply connections	55.30%	100%
							2. Per capita quantum of water supplied	105lpcd	135lpcd
							3. Quality of water supplied	20%	100%
2	Sasaram	Water Supply	17.35	10.41	6.94	34.70	1. Household level coverage of direct water supply connections	30%	100%
							2. Per capita quantum of water supplied	25lpcd	135lpcd
							3. Quality of water supplied	80%	100%
3	Dehri	Water Supply	9.97	5.98	3.99	19.94	1. Household level coverage of direct water supply connections	7.40%	100%
							2. Per capita quantum of water supplied	18 lpcd	135 lpcd
							3. Quality of water supplied	80%	100%
4	Arrah	Water Supply	30.60	18.36	12.24	61.20	1. Household level coverage of direct water supply connections	20%	100%

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								2. Per capita quantum of water supplied	30lpcd	135lpcd
								3. Quality of water supplied	80%	100%
5	Buxar	Water Supply	23.80	14.28	9.52	47.59	1. Household level coverage of direct water supply connections	60%	100%	
							2. Per capita quantum of water supplied	51lpcd	135lpcd	
							3. Quality of water supplied	100%	100%	
6	Motihari	Water Supply	39.56	23.73	15.82	79.11	1. Household level coverage of direct water supply connections	21.80%	100%	
							2. Per capita quantum of water supplied	19lpcd	135lpcd	
							3. Quality of water supplied	70%	100%	
7	Bettiah	Water Supply	7.16	4.30	2.86	14.32	1. Household level coverage of direct water supply connections	15.70%	100%	
							2. Per capita quantum of water supplied	40 lpcd	135 lpcd	
							3. Quality of water supplied	100%	100%	
8	Bagaha	Water Supply	8.74	5.24	3.50	17.48	1. Household level coverage of direct water supply connections	12%	100%	
							2. Per capita quantum of water supplied	21lpcd	135lpcd	
							3. Quality of water supplied	70%	100%	
9	Hajipur	Water Supply	43.18	25.91	17.27	86.36	1. Household level coverage of direct water supply connections	27%	100%	

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							2. Per capita quantum of water supplied	52lpcd	135lpcd
							3. Quality of water supplied	100%	100%
10	Begusarai	Water Supply	26.14	15.68	10.45	52.27	1. Household level coverage of direct water supply connections	22%	100%
							2. Per capita quantum of water supplied	45lpcd	135lpcd
							3. Quality of water supplied	20%	100%
11	Aurangabad	Water Supply	45.21	27.13	18.08	90.42	1. Household level coverage of direct water supply connections	10%	100%
							2. Per capita quantum of water supplied	45lpcd	135lpcd
							3. Quality of water supplied	70%	100%
12	Jehanabad	Water Supply	6.22	3.73	2.49	12.44	1. Household level coverage of direct water supply connections	10.40%	100%
							2. Per capita quantum of water supplied	28lpcd	135lpcd
							3. Quality of water supplied	30%	100%
13	Katihar	Water Supply	10.41	6.24	4.16	20.81	1. Household level coverage of direct water supply connections	30%	100%
							2. Per capita quantum of water supplied	45lpcd	135lpcd
							3. Quality of water supplied	50%	100%
14	Kishanganj	Water Supply	22.59	13.55	9.04	45.18	1. Household level coverage of direct water supply connections	3.20%	100%

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								2. Per capita quantum of water supplied	32lpcd	135lpcd
								3. Quality of water supplied	80%	100%
15	Chhapra	Water Supply	34.42	20.65	13.77	68.84	1. Household level coverage of direct water supply connections	45%	100%	
							2. Per capita quantum of water supplied	57 lpcd	135lpcd	
							3. Quality of water supplied	100%	100%	
16	Siwan	Water Supply	21.52	12.91	8.61	43.03	1. Household level coverage of direct water supply connections	20%	100%	
							2. Per capita quantum of water supplied	35lpcd	135lpcd	
							3. Quality of water supplied	80%	100%	
17	Darbhanga	Water Supply	9.08	5.45	3.63	18.15	1. Household level coverage of direct water supply connections	15%	100%	
							2. Per capita quantum of water supplied	39lpcd	135lpcd	
							3. Quality of water supplied	85%	100%	
18	Saharsa	Water Supply	0.00	0.00	0.00	0.00	1. Household level coverage of direct water supply connections	10%	100%	
							2. Per capita quantum of water supplied	45 lpcd	135 lpcd	
							3. Quality of water supplied	20%	100%	
	Total		<b>394.20</b>	<b>236.52</b>	<b>157.68</b>	<b>788.40</b>				
19	Patna	Drainage	19.48	27.27	11.69	58.44	1. Coverage of storm water drainage network	40%	80%	

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20	Katihar	Septage Management	18.87	11.33	7.56	37.75	1. Coverage of latrines (individual or community)	72.22%	100%
							2. Coverage of sewerage network services	0%	0%
							3. Efficiency of Collection of Sewage	0%	90%
							4. Efficiency in treatment	0%	100%
21	Patna	Parks & Open Spaces	2.75	1.65	1.10	5.50	1. Per Person Open Space in Plain Areas as per URDPFI	44.17	44.17
22	Biharsharif	Parks & Open Spaces	1.00	0.60	0.40	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	116.21	116.21
23	Ara	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	104.21	104.21
24	Muzaffarpur	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	58.37	58.37
25	Motihari	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	121.36	121.36
26	Bettiah	Parks & Open Spaces	0.25	0.15	0.10	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	66.86	66.86
27	Hajipur	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	110.7	110.7
28	Munger	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	68.92	68.92
29	Jamalpur	Parks & Open Spaces	0.25	0.15	0.10	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	58.23	58.23
30	Gaya	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	90.1	90.1



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31	Bodhgaya	Parks & Open Spaces	1.00	0.60	0.40	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	106.1	106.1
32	Aurangabad	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	88.45	88.45
33	Jehanabad	Parks & Open Spaces	0.25	0.15	0.10	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	69.56	69.56
34	Purnea	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	310.72	310.72
35	Katihar	Parks & Open Spaces	0.55	0.33	0.22	1.10	1. Per Person Open Space in Plain Areas as per URDPFI	124.5	124.5
36	Kishanganj	Parks & Open Spaces	0.25	0.15	0.10	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	251.93	251.93
37	Chhapra	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	52.93	52.93
38	Siwan	Parks & Open Spaces	0.25	0.15	0.10	0.50	1. Per Person Open Space in Plain Areas as per URDPFI	77.89	77.89
39	Darbhanga	Parks & Open Spaces	0.50	0.30	0.20	1.00	1. Per Person Open Space in Plain Areas as per URDPFI	112.35	112.35
40	Bhagalpur	Parks & Open Spaces	1.00	0.60	0.40	2.00	1. Per Person Open Space in Plain Areas as per URDPFI	52.26	52.26
	<b>Total</b>		<b>12.55</b>	<b>7.53</b>	<b>5.02</b>	<b>25.10</b>			
	<b>Grand Total</b>	-	<b>445.10</b>	<b>282.65</b>	<b>181.95</b>	<b>909.69</b>			

### 1. Principles of Prioritization

**The states are required to prioritize and recommend projects for selection under AMRUT as per Guidelines in para 7.**

While prioritizing projects in the course of preparation of the SLIPs, the ULBs accorded the first priority to water supply, followed by storm water drainage and sewerage & septage. In cases where ULBs already had committed funds for water supply from other sources or on-going projects viz. Bhagalpur, Muzaffarpur & Gaya priority has been given to Drainage Projects. Where available funds for on-going water supply projects are sufficient to provide universal coverage, and land is available, Drainage has been given the top priority.

The four potential Smart Cities – Patna, Bhagalpur, Biharsharif and Muzaffarpur – have been given priority in project selection. Extensive discussions have been held at ULB and State level as well as with parastatals viz. the Bihar Rajya Ja IParishad and the Bihar Urban Infrastructure Development Corporation to finalize the priorities. The responses to the specific queries as per the Guidelines are given below:

- **Has consultation with local MPs/MLAs, Mayors and Commissioners of the concerned ULBs been carried out prior to allocation of funding? Please give details.**

Informal discussions have been held with all stakeholders. The Commissioners of the concerned ULBs have led on the preparation of the SLIPs and have sought advice from the Urban Development and Housing Department at the State Level and parastatals as required. The Commissioners have ensured that progress in the preparation of the SLIPs and the prioritization and funding commitments have been duly discussed at the ULB Board Meetings to ensure approval and commitment of the Elected Representatives.

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- **Have financially weaker ULBs been given priority for financing? If yes, how?**

This has not been consciously followed. Since 24 of the 27 ULBs under the AMRU Mission are also project cities under the on-going DFID funded SPUR project, they have been implementing municipal financial reforms over the last 5 years. The financial position of the ULBs has significantly improved with better target setting and monitoring of own revenue collections. The State Government will share not less than 30% of the project cost and the remaining amount is to be financed from the 14<sup>th</sup> Finance Commission Grants, allocations under the 5<sup>th</sup> State Finance Commission. The balance if any will be from additional state assistance to be decided as required.

- **Is the ULB with a high proportion of urban poor receiving higher share? If yes, how?**

As part of the ongoing DFID funded 'Support Programme for Urban Reforms' (SPUR), the state is implementing a programme for provision of basic infrastructure in slums. The state has made allocations in the budget to share 80% of the total cost of infrastructure provision in 1402 slums over 3 years. While this support is limited to the SPUR project towns, it should be noted that these project towns account for 60% of the total urban population of the state therefore the lion's share of the urban poor reside in these towns. Of the 26 AMRUT Mission cities in Bihar, 23 are also supported under SPUR.

- **Has the potential Smart Cities been given preference? Please give details.**

Bihar has four potential Smart Cities – Patna, Bhagalpur, Biharsharif & Muzaffarpur. Bhagalpur already has an ongoing ADB funded water supply project and therefore been given a higher priority for Drainage (although this is to be implemented in Phases). Biharsharif does not have any ongoing infrastructure projects and has therefore been considered for a water supply project. Sewerage & Drainage has not been considered since the water supply project will be completed in the AMRUT Mission period and investing in a sewerage &

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drainage project at this stage will lead to un-utilization/underutilization of the infrastructure. Patna and Muzaffarpur have a committed and ongoing water supply project under UIG & UIDSSMT respectively and have therefore received a priority drainage project.

- **What is the quantum of Central Assistance (CA) allocated to the State during 2016-17?**

As per communication received from Ministry of Urban Development, Govt of India, the State of Bihar has been allocated Rs 445.10 crores as CA with Rs 11.869 crores as the A & OE shares for the remaining years of Mission Period for which SAAP is to be submitted.

- **Has the allocation to different ULBs within the State been made consistent with the urban profile of the state? How?**

Allocations to different ULBs have been made in line with the urban profile of the State. Additionally, various financial options, AMRUT, Smart Cities, Swachh Bharat Mission, NamamiGange and external financial assistance have been considered for convergence of the various schemes and funding options.

### 2. Importance of O&M

The DPRs that have been prepared prior to the AMRUT Mission for these cities include provisions for 5 years of O&M. This will ensure sustainability of the infrastructure created and result in significant savings for the state. The following are the responses to the various issues involved in addressing effective O&M.

- **Have projects being proposed in the SAAP included O&M for at least 5 years?**

5 years O&M has been proposed for all the projects being proposed in the SAAP. The O&M arrangements are an integral part of the DPRs and will be included in the contracts. This arrangement will ensure sustainability and quality of the infrastructure created.

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- **How are O&M expenditures proposed to be funded by ULBs/parastatals?**

O&M expenditures are proposed to be funded through User Charges and ULB's own revenues. ULBs are expected to enhance metering, coverage, billing and connections. Where required, rationalization of user charges may be considered.

- **Is it by way of levy of user charges or other revenue streams? Please give details.**

O&M costs are largely to be met through extending coverage and improving billing and collection. Additionally, municipal financial reforms are underway in all the project towns and there has been significant growth in self-generated income from all sources including property tax. Smart solutions that contribute to reduction in manpower and energy savings will be implemented as appropriate.

- **Has O&M cost been excluded from project cost for the purpose of funding?**

O&M costs have not been included in the project cost for funding purposes and have been shown separately. These are to be funded by the ULBs as described in the previous response.

- **What kind of model has been proposed by states/ULBs to fund O&M? Please discuss.**

It is proposed that ULBs will maintain separate accounts for O&M for effective planning for maintenance of infrastructure and increasing accountability. All infrastructure contracts will include a 5-year O&M provision that will be met by the ULBs through user charges and own revenues. In the case of parks and open spaces, the options of involving institutions, neighbor-hood committees and corporates out of CSR funds will be explored.

- **Is it through an appropriate cost recovery mechanism in order to make them self-reliant and cost-effective? How?**

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An appropriate cost recovery mechanism and adopting a cost centre approach has been envisaged for effective control over revenues and expenditure in each sector. Appropriate strategies will be developed and implemented to meet O&M costs through user charges, effective billing and collection, tariff rationalization, use of ICT, increasing own revenues, etc.

### 3. Reform Implementation

In order to become eligible to claim the 10% incentive, the State is required to implement the Reforms prescribed by Govt of India. The Govt. of Bihar has made a self-assessment in the prescribed Table No 5.2, as below, for the Apex committee to consider eligibility of the state of Bihar. The responses to the raised points are also given as below:-

<b>Table 5.2: SAAP - Reforms Type, Steps and Target for AMRUT Cities</b>							
<b>For Remaining Years of Mission Period</b>							
S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep, 2015	Oct, 2015 to Mar, 2016	April to Sep, 2016	Oct, 2016 to Mar, 2017
1	E-Governance	<b>1.Coverage with E-MAAS (from the date of hosting the software)</b>					

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		Registration of Birth, Death and marriage,	24 months		11 towns (Achieved)	16 towns (Achieved)	
		Water & Sewerage Charges,	24 months				27 towns (In process)
		Grievance Redressal,	24 months	27 towns (Achieved)			
		Property Tax,	24 months		11 towns (Achieved)	16 towns (Achieved)	
		Advertisement tax,	24 months			11 towns (In process)	16 towns (In process)
		Issuance of Licenses,	24 months			11 towns (In process)	16 towns (In process)
		Building Permissions,	24 months		11 towns (Achieved)	16 towns (Achieved)	
		Mutations, Payroll, Pension and	24 months			11 towns (In process)	16 towns (In process)
		e- Procurement.	24 months	27 towns (Achieved)			
2	Constitution and professionalization of municipal cadre	1. Establishment of municipal cadre.	24 months				All 27 ULBs (In process)
		2. Cadre linked training.	24 months			All 27 ULBs (In	

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						process)	
3	Augmenting Double entry accounting	1. Appointment of internal auditor.	24 months			27 towns (Achieved)	
4	Urban Planning and City Development Plans	1. Make a State Level policy for implementing the parameters Given in the National Mission for Sustainable Habitat	24 months				All 27 ULBs (In process)
5	Devolution of Funds and functions	1. Implementation of SFC Recommendations within timeline.	24 months			11 towns (In process)	16 towns (In process)
6	Review of Building by-laws	1. State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings.	24 months			All 27 ULBs (In process)	
		2. State formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above.	24 months	Provision Included in Building Bye Laws			
7	Set-up financial Intermediary at state level	1. Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds.	24 months	BUIDF Trust formed			



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8	Credit Rating	1. Complete the credit ratings of the ULBs.	24 months			(agency appointed for 21 towns)	All 27 ULBs
9	Energy and Water audit	1. Give incentives for green buildings (e.g. rebate in property tax or charges connected to building permission/development charges).	24 months	Rebate is given for Rain Water Harvesting structures		Provision of rebate in property tax for roof top solar power system. Amendment in Building Bye Laws is in process.	

Some of the criteria that should be considered while preparing the SAAP:

- **Have any issues been identified during the review by HPSC on Reforms implementation? What are the issues? (250 words)**

No

- **Have these issues been considered while planning for reform implementation? How? (tabular; 250 words)**

N.A.

#### 4. Annual Capacity Building Plan

The Capacity Development Plan is submitted herewith for approval by the MoUD, to empower municipal functionaries and lead to timely completion of projects.

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### Table 7.2: Annual Action Plan for Capacity Building

Form 7.2.1 -Fund Requirement for Individual Capacity Building at ULB level

For Remaining Years  
(Amount in Rs. Crores)

Sl. No.	Name of ULB	Total numbers to be trained in the remaining years, department wise						Name of the Training Institution (s) identified	No. of Training Programmes to be conducted	Fund Reqd. in current FY (₹ in Crore)
		Elected Reprs.	Finance Dept.	Engineering Dept.	Town Planning Dept.	Admin. Dept.	Total			
1	Ara	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
2	Aurangabad	9	1	4	0	0	14	BIPARD & ASCI	3	0.075
3	Bagha	10	1	4	0	0	15	BIPARD & ASCI	3	0.078
4	Begusarai	14	1	4	0	0	19	BIPARD & ASCI	3	0.088
5	Bettiah	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
6	Bhagalpur	13	1	4	0	0	18	BIPARD & ASCI	3	0.085
7	Biharshariff	14	1	4	0	0	19	BIPARD & ASCI	3	0.088

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8	Buxar	10	1	4	0	0	15	BIPARD & ASCI	3	0.078
9	Chhapra	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
10	Danapur	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
11	Darbhanga	14	1	4	0	0	19	BIPARD & ASCI	3	0.088
12	Dehri	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
13	Gaya	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
14	Hajipur	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
15	Jamalpur	10	1	4	0	0	15	BIPARD & ASCI	3	0.078
16	Jehanabad	9	1	4	0	0	14	BIPARD & ASCI	3	0.075
17	Katihar	14	1	4	0	0	19	BIPARD & ASCI	3	0.088
18	Kishanganj	10	1	4	0	0	15	BIPARD & ASCI	3	0.078
19	Motihari	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
20	Mujaffarpur	14	1	4	0	0	19	BIPARD & ASCI	3	0.088

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21	Munger	15	1	4	0	0	20	BIPARD & ASCI	3	0.090
22	Patna	10	1	10	0	0	26	BIPARD & ASCI	3	0.093
23	Purnea	10	1	4	0	0	18	BIPARD & ASCI	3	0.078
24	Saharsa	9	1	4	0	0	14	BIPARD & ASCI	3	0.075
25	Sasaram	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
26	Siwan	12	1	4	0	0	17	BIPARD & ASCI	3	0.083
	<b>TOTAL</b>	<b>305</b>	<b>26</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>449</b>			<b>2.147</b>

**Table 7.2: Annual Action Plan for Capacity Building**

Form 7.2.2 -Fund Requirement for State level activities

For Remaining Years  
(Amount in Rs. Crores)

Sl. No.	State Level activities	Total expenditure upto current FY	Unspent funds available from earlier releases	Funds required for the remaining years (In Crore)
1	RPMC (SMMU)	2.5916	4.1584	25.047
2	UMC			

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3	Others (Workshops, Seminars, etc.) are approved by NIUA			7.1523
4	Institutional/ Reform			54.2347
	<b>Total</b>	<b>2.5916</b>	<b>4.1584</b>	<b>86.434</b>

Form 7.2.3 -Total Fund Requirement for Capacity Building						
						FY 2016-17
						(Amount in Rs. Crores)
Sl. No.	Fund requirement	Individual (Training & Workshop)	Institutional/ Reform	SMMU/RPMC/CMMU	Others	Total (In Crore)
1	Total release since start of Mission (2015)			-	-	6.75
2	Total utilisation-Central Share	0.0199	2.5	-	0.0717	2.5916
3	Balance available-Central Share	1.5831	2.5753	-	-	4.1584

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4	Amount required-Central Share	2.147	54.2347	25.047	5.0053	86.434
5	Total fund required for capacity building in remaining years	2.147	54.2347	25.047	5.0053	86.434

- **What is the physical and financial Progress of capacity development at state level? (350 words)**

The trainings of two finance personnel in each ULB have been completed by DFID supported TA team. MoU has been done with 5 institutions. Training program to be shared by the institutions.

- **Do you feel that there is a need to include any other category of official, new department or module? (400 words)**

IT personnel & data entry operators and sanitation inspectors/supervisors may also be trained under this program.

- **What are the issues that are been identified during the review? (350 words)**

Due to shortage of manpower in the ULBs, trainings could not be organized.

- **Have the activities in your current year Capacity Building Plan – training, exposure visits (ULB staff and elected representatives), seminars/workshops, etc. – been vetted/approved by NIUA?**

The training & capacity building plan has not yet been shared with the NIUA.

- **What is the present institutional capacity in the ULBs of the state; have the RPMC, UMC, etc. been appointed? Are there other PMUs, PIUs, etc. which are still operational?**

DFID technical support is available for 24 ULBs. No RPMC, UMC have been appointed in the ULBs.

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- What has been the progress during the previous year/s in institutional capacity building, especially but not only in the seven areas that are mentioned in the AMRUT Guidelines? (p. 67)

The progress in institutional capacity building is not very good.

### 5. A&OE

The 10% allocation for A&OE has been divided into two parts, 8% State fund and 2% GoI fund. The Plan of Action in Table 4 as prescribed in AMRUT Guidelines has been duly filled up as below and point-wise answers to the questions laid down in the guideline are given below:-

<b>Table 4: SAAP - Broad Proposed Allocations for Administrative and Other Expenses</b>								
<b>For Remaining Years (Amount in Rs. Crores)</b>								
Sr.No	Items proposed for A&OE	Total Allocation	Committed Expenditure from previous year (if any)	Proposed spending for Current Financial year	Balance to Carry Forward			
					FY 2017	FY 2018	FY 2019	FY 2020
1	Preparation of SLIP and SAAP	0	0	0	0	0	0	0
2	PDMC / PMU	25.047	0	5.445	6.534	6.534	6.534	0

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3	Procuring Third Party Independent Review and Monitoring Agency	4.026	0.31	0.929	0.929	0.929	0.929	0
5	Publications (e-Newsletter, guidelines, brochures etc.)	1.051	0	0.262	0.263	0.263	0.263	0
6	Capacity Building and Training CCBP, if applicable- Others	3.75	0.763	0.84	0.818	0.729	0.6	0
7	Reform implementation	59.31	5.223	3.496	8.988	7.9	13.703	20
8	Others	0	0	0	0	0	0	0
<b>Total</b>		93.184	6.296	10.972	17.532	16.355	22.029	20



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- **What is the committed expenditure from previous year? (200 words)**

Rs. 6.296 Crore has been the committed expenditure during year 2015-16 of which Rs. 2.50 Crore has been released to e-municipality vendor in the year 2015-16 and Rs. 9.16 lakh has been spent on training & capacity building and workshops & seminars.
- **What are the issues that are been identified during the review? (350 words)**

Due to shortage of manpower in the ULBs, trainings could not be organized. Due to administrative reasons, the appointment of professionals for SMMU & CMMU could not be finalized.
- **Have the A&OE fund used only for admissible components? (200 words)**

Yes, the funds for A&OE are being specifically utilized on the components approved in the SAAP 2015-16.
- **How the ULB/State wants to carry out the implementation of the projects, (establishment of IRMA/PDMC/SMMU/CMMU)? (350 words)**

The projects are proposed to be implemented through SMMU & CMMU with additional quality check through IRMA. Individual professionals for SMMU & CMMU are under the process of appointment and likely to be placed in the month of November, 2016.

### 3. Financing of Projects

Financing is an important element of the SAAP. The Guidelines define the share of funding between the Central Government, the State Governments and the ULBs. The following responses to various issues are given below.

- **What is the State contribution to the SAAP? (It should not be less than 20 percent of the total project cost, Para 7.4 of AMRUT Guidelines)**

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The State Government's share will not be less than 20% of the project cost in general. However, the State Government may consider increasing its contribution to specific ULBs on a case-to-case basis in case there are shortfalls even after taking into account all sources of ULB funding. The state contribution for Patna Drainage project will be 46.67%.

- **Fill out Table 3.4 at pg.45 of AMRUT Guideline. How the residual financing (over and above Central Government share) is shared between the States, ULBs?**

The duly filled-up Table 3.4 is given in chapter-1 at page 30.

Funding requirements other than the Central share will be met jointly by the State Government and the concerned ULBs. The State Government will contribute a minimum 20% share of the total project cost while the ULBs will meet the remaining project cost. ULBs will utilize the funds available under the 14<sup>th</sup> Finance Commission Grants, the 5<sup>th</sup> State Finance Commission Grants, Swachh Bharat Mission Grants, donor funded projects (ADB, DFID) and user charges. In case of shortfalls after all options have been duly explored, the State may consider additional funding on a case-to-case basis.

- **Fill out Table 3.3 at pg.44 of AMRUT Guideline. Have any other sources been identified by the State/ULB (e.g. PPP, market borrowing)? Please discuss.**

The duly filled up Table 3,3 has been given below.

The State will explore alternate funding options at an appropriate time in the Mission period since ULBs need to be financially stronger to attract funds from the market.

- **Whether complete project cost is linked with revenue sources in SAAP? How?**

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Project costs have been linked to all possible funding/revenue sources. However, the State Government may step in as required on a case-to-case basis as the Mission progresses.

- **Have projects been dovetailed with other sectoral and financial programmes of the Centre and State Governments?**

Projects have been dovetailed with other sectoral and financial programmes of the Central Government like the JnNURM, ADB, Swachh Bharat Mission, Namami Gange, Smart Cities Mission, 14<sup>th</sup> Finance Commission etc.

- **Has the state/UT explored the possibility of using Public Private Partnerships (PPP), as a preferred execution model? Please discuss.**

Bihar has very few examples of PPP as a preferred execution model. There are some examples of outsourcing of solid waste collection but the scale of such operations is very small. The financial weaknesses of the ULBs are not conducive to attracting potential partners under the PPP arrangement to execute projects. The State has some way to go before this can be considered as an execution model.

- **Any PPP options included in appropriate Service Level Agreements (SLAs) which may lead to the People Public Private Partnership (PPPP) model? How?**

The SAAP for Bihar does not have a very major focus on this aspect although; it may be explored for the maintenance of parks in some of the ULBs.

**Table 3.3: SAAP- ULB Wise Source of Funds for All Sectors**

**For Remaining Years of Mission Period**

**(Amount in Rs. Crores)**

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Name of City	Centre	State			ULB			Convergence	Others (e.g. incentive)	Total
		14 <sup>th</sup> FC	Others	Total	14 <sup>th</sup> FC	Others	Total			
Patna	22.23	Nil	28.92	28.92	12.79	0.00	12.79	0.00	0.00	63.94
Danapur	0.00	Nil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biharshariff	39.28	Nil	23.57	23.57	0.40	15.31	15.71	17.27	0.00	95.83
Sasaram	17.35	Nil	10.41	10.41	0.00	6.94	6.94	0.00	0.00	34.70
Dehri	9.97	Nil	5.98	5.98	0.00	3.99	3.99	0.00	0.00	19.94
Ara	31.10	Nil	18.66	18.66	0.20	12.24	12.44	0.00	0.00	62.20
Buxar	23.80	Nil	14.28	14.28	0.00	9.52	9.52	0.00	0.00	47.59
Mujaffarpur	0.50	Nil	0.30	0.30	0.20	0.00	0.20	0.00	0.00	1.00
Motihari	40.05	Nil	24.03	24.03	0.20	15.82	16.02	0.00	0.00	80.11
Bettiah	7.41	Nil	4.45	4.45	0.10	2.86	2.96	13.88	0.00	28.70

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Bagaha	8.74	Nil	5.24	5.24	0.00	3.50	3.50	61.61	0.00	79.09
Hajipur	43.68	Nil	26.21	26.21	0.20	17.27	17.47	0.00	0.00	87.36
Begusarai	26.13	Nil	15.68	15.68	0.00	10.45	10.45	0.00	0.00	52.27
Munger	0.50	Nil	0.30	0.30	0.20	0.00	0.20	0.00	0.00	1.00
Jamalpur	0.25	Nil	0.15	0.15	0.10	0.00	0.10	0.00	0.00	0.50
Gaya	0.50	Nil	0.30	0.30	0.20	0.00	0.20	0.00	0.00	1.00
Bodhgaya	1.00	Nil	0.60	0.60	0.08	0.32	0.40	0.00	0.00	2.00
Aurangabad	45.71	Nil	27.43	27.43	0.20	18.08	18.28	0.00	0.00	91.42
Jehanabad	6.47	Nil	3.88	3.88	0.10	2.49	2.59	27.93	0.00	40.87
Purnea	0.50	Nil	0.30	0.30	0.20	0.00	0.20	0.00	0.00	1.00
Katihar	29.83	Nil	17.90	17.90	6.92	5.01	11.93	0.00	0.00	59.66
Kishanganj	22.84	Nil	13.70	13.70	0.10	9.04	9.14	0.00	0.00	45.68
Chhapra	34.92	Nil	20.95	20.95	2.70	11.27	13.97	0.00	0.00	69.84

## Bihar State Annual Action Plan under AMRUT For Remaining Years of Mission Period

Siwan	21.77	Nil	13.06	13.06	0.10	8.61	8.71	0.00	0.00	43.53
Darbhanga	9.57	Nil	5.74	5.74	0.20	3.63	3.83	0.00	0.00	19.15
Bhagalpur	1.00	Nil	0.60	0.60	0.40	0.00	0.40	0.00	0.00	2.00
Saharsa	0.00	Nil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>445.10</b>	<b>Nil</b>	<b>282.65</b>	<b>282.65</b>	<b>25.59</b>	<b>156.35</b>	<b>181.94</b>	<b>120.69</b>	<b>0.00</b>	<b>1030.38</b>

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## **URBAN DEVELOPMENY & HOUSING DEPRTMENT**

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