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GOVERNMENT OF INDIA  
LAKSHADWEEP ADMINISTRATION  
(LAKSHADWEEP PUBLIC WORKS DEPARTMENT)  
CIRCLE OFFICE  
KAVARATTI – 682555

F.No. 118/01/2017-S4

Dated: 23.03.2017

To

Shri. Shiv Pal Singh  
Director AMRUT,  
Ministry of Urban Development  
309-D Nirman BhaWan  
New Delhi.  
[shivpal.singh@gov.in](mailto:shivpal.singh@gov.in)>

Sub: LPWD Circle Office-AMRUT-Third and Final SAAP 2017-20 - UT of Lakshadweep- Reg

Ref: F.No.K-16015/04/2017/AMRUT-II dated 7<sup>th</sup> March 2017 of MoUD.

Sir,

Please refer to the letter cited. Third and final State Annual Action Plan (SAAP) for the year 2017-20 in respect of UT of Lakshadweep is enclosed for approval.

Encl: - as above

Yours faithfully

*Mohammed Kudage*  
23/3/17

Mohammed Kudage  
Superintending Engineer & Mission director

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**MINUTES OF THE MEETING OF STATE LEVEL TECHNICAL COMMITTEE (SLTC)**

The meeting of State Level Technical Committee (SLTC) was convened in the chamber of Secretary (Works) and Chairman of SLTC at 12 PM on 14.03.2017. The following were present in the meeting

- |  |   |                  |
|--|---|------------------|
| 1. Dr. Tariq Thomas IAS<br>Secretary (Works)                         | - | Chairman, SLTC   |
| 2. Shri. Shubhankar Ghosh<br>Additional District Magistrate          | - | Member           |
| 3. Shri. Mohammed Kudage<br>Superintending Engineer                  | - | Member Secretary |
| 4. Shri R. Ravichandar<br>Executive Engineer, Electricity Department | - | Member           |
| 5. Shri. C. Azhak Navas<br>Accounts Officer                          | - | Member           |
| 6. Shri A.K. Alikoya<br>Executive Engineer, LPWD, Kavaratti          | - | Member           |

The meeting was chaired by the Secretary (Works), UT of Lakshadweep. The Mission Director & Superintending Engineer welcomed all the members of SLTC.

The Mission Director informed that Rs 1.73 is the balance Mission allocation for 2017-20 for the AMRUT city of UT of Lakshadweep (Kavaratti) and briefed about the status of SAAP 2015-16 & SAAP 2016-17.

The Mission Director informed that under the water supply sector, proposal for the construction of 191 No of 10000 litre capacity Ferro-cement Rain Water Harvesting tanks (75 No in SAAP2015-16 & 116 No in SAAP 2016-17) were approved by the Ministry and the installation is in progress. The Executive Engineer, LPWD Kavaratti pointed out that there are insufficient beneficiaries for RHT tanks even after repeated announcements. The Chairman directed to make public announcement once again to create awareness among the public about the program and the significance of the rain water harvesting in Islands.

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The committee further suggested to procure battery operated vehicle under Urban Transport sector and the play equipments for Children's park in the sector 'Park' as proposed in SAAP 2016-17 through open tender.


After detailed deliberations the committee decided to propose the following projects in the 3<sup>rd</sup> and final SAAP (SAAP 2017-20) for the consideration of State level High Powered Steering Committee (SHPSA).

Sl. No.	Sector	Project	Number	Cost	% costs
1	Water	Community Rain Water Harvesting Tanks	10*	154 Lakh	89.02
2	Parks	Play equipments for the existing park		4 Lakh	2.31
3	Transport	Vehicle charging stations	4	15 Lakh	8.67
	Total			173 Lakh	100

\*Identified place with capacity is attached.


The Committee recommended the community rainwater harvesting tanks in view of dearth of beneficiaries for the individual rainwater harvesting tanks.

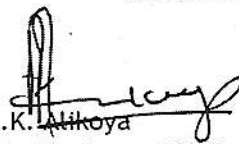
The meeting ended with vote of thanks to the Chairman and members of the committee.

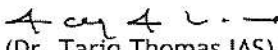
  
Shubhankar Gesh  
Additional District Magistrate

  
R. Ravichandar  
Executive Engineer  
Electricity Department

  
C. Azhak Navas  
Accounts Officer  
Secretariat

  
Mohammed Kudage  
Superintending Engineer

  
A.K. Lalikoya  
Executive Engineer, LPWD

  
(Dr. Tariq Thomas IAS)  
Secretary (works) & Chairman

**Place with Capacity for the proposed Community Rainwater Harvesting Tanks**

Sl No	Place	Capacity in litres	Number	Cost of projects (in Rupees)
1	Cement Store Yard	40,000	1	10,11,300
2	Helibase	1,00,000	1	25,28,200
3	Electric Sub Division	39,000	1	9,07,100
4	Power House	65,000	1	17,25,500
5	DIET Building	50,000	1	12,64,100
6	Fisheries	50,000	2	25,28,200
7	Girls School	40,000	1	10,11,300
8	Kalabhavan Office	75,000	1	18,96,100
9	Transit Accommodation near IGH	1,00,000	1	25,28,200
	Total		10	1,54,00,000

**MINUTES OF THE MEETING OF STATE LEVEL HIGH POWER STEERING  
COMMITTEE (SHPSC)**

The meeting of State Level HIGH POWER STEERING COMMITTEE (SHPSC) was convened in the chamber of Hon'ble Administrator and Chairman of SHPSC at 07 PM on 16.03.2017. The following were present in the meeting

1. Shri. Farooq Khan - Chairman, SHPSC  
Hon'ble Administrator
2. Dr. Tariq Thomas IAS - Member Secretary, SHPSC  
Secretary (Works)
3. Shri. Reuben Mathew Jacob IRS - Special Invitee  
MD, LDCL
4. Shri. Buzar Jamhar - Member  
Director of Panchayath
5. Shri. Mohammed Kudage - Member  
Superintending Engineer
6. Shri. Harjeet Singh Chaudhary - Member  
Director, Planning & Statistics
7. Shri. C. Azhak Navas - Member  
Accounts Officer
8. Shri C.N. Abdul Raheem - Member  
Tech. Assistant (Environment & Forest)

The meeting was chaired by the Hon'ble Administrator, UT of Lakshadweep. The Secretary (Works) welcomed all the members of SHPSC.

The Secretary (Works) informed the Committee that Rs 1.73 is the balance Mission allocation for 2017-20 for the AMRUT city of UT of Lakshadweep (Kavaratti) and briefed about the status of SAAP 2015-16 & SAAP 2016-17.

The Secretary (Works) informed that under the water supply sector, proposal for the construction of 191 No of 10000 litre capacity Ferro-cement Rain Water Harvesting tanks (75 No in SAAP2015-16 & 116 No in SAAP 2016-17) were approved by the Ministry and the installation is in progress. The Secretary (Works) pointed out that there are insufficient beneficiaries for RHT tanks even after repeated announcements. The Chairman directed to explore the possibility of constructing Community Rainwater Harvesting Tanks at places like UT Guest House, Paradise Hut, and etc. if there are no sufficient beneficiaries for individual RHTs.

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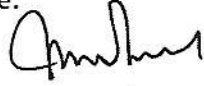
The Hon'ble Administrator and Chairman (SHPSC) suggested to procure battery operated vehicle proposed in SAAP 2016-17 and directed the Managing Director, LDCL to shift the battery operated vehicle run by LDCL to Minicoy on arrival of the vehicle under AMRUT as the AMRUT scheme is exclusively for Kavaratti island.

After detailed deliberations the committee approved following projects in the 3<sup>rd</sup> and final SAAP (SAAP 2017-20) as recommended by SLTC.

Sl. No.	Sector	Project	Number	Cost	% costs
1	Water	Community Rain Water Harvesting Tanks	10*	154 Lakh	89.02
2	Parks	Play equipments for the existing park		4 Lakh	2.31
3	Transport	Vehicle charging stations	4	15 Lakh	8.67
	Total			173 Lakh	100

\*Identified place with capacity is attached.

The meeting ended with vote of thanks to the Chairman and members of the committee.



K. Buzar Jamhar  
Director of Panchayath



Mohammed Kudage  
Superintending Engineer



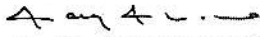
Harjeet Singh Chaudhary  
Director, Planning & Statistics



C. Azhak Navas  
Accounts Officer



C.N. Abdul Raheem  
Tech. Assistant, Dept. E&F



Dr. Tariq Thomas IAS  
Secretary (works)



Reuben Mathew Jacob IRS  
MD, LDCL



Ferooz Khan  
Hon'ble Administrator & Chairman SHPSC

Place with Capacity for the proposed Community Rainwater Harvesting Tanks

Sl No	Place	Capacity in litres	Number	Cost of projects (in Rupees)
1	Cement Store Yard	40,000	1	10,11,300
2	Helibase	1,00,000	1	25,28,200
3	Electric Sub Division	39,000	1	9,07,100
4	Power House	65,000	1	17,25,500
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6	Fisheries	50,000	2	25,28,200
7	Girls School	40,000	1	10,11,300
8	Kalabhavan Office	75,000	1	18,96,100
9	Transit Accommodation near IGH	1,00,000	1	25,28,200
	Total		10	1,54,00,000

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## 1. INTRODUCTION

### 1.1. BACKGROUND

Cities are engines of growth for the economy of every nation, including India. Nearly 31% of India's current population lives in urban areas and contributes 63% of India's GDP (Census 2011). With increasing urbanization, urban areas are expected to house 40% of India's population and contribute 75% of India's GDP by 2030. This requires comprehensive development of physical, institutional, social and economic infrastructure. All are important in improving the quality of life and attracting people and investments to the City, setting in motion a virtuous cycle of growth and development. In this regard, the Government of India launched Atal Mission for Rejuvenation and Urban Transformation (AMRUT, a flagship programme on 25th June, 2015).

The aim of the mission is to provide basic services (e.g. water supply, sewerage, urban transport) to households and build amenities in cities which will improve the quality of life for all, especially the poor and the disadvantaged. Under this programme, Government of India has selected 500 AMRUT Cities in the Country based on the urban population of the State/ UT. In which one Cities, capital island Kavaratti of Lakshadweep has been selected.

The State Level Annual Action Plan (SAAP) 2015-16 amounting Rs. 67.7 Laks and SAAP 2016-17 amounting Rs 120 Lakh were submitted to the Ministry and approved. Rs 14 lakh and Rs 24 Lakh were received as First installment of SAAP 2015 -16 &2016-17 respectively.

## 2. State Scenario- Lakshadweep

Lakshadweep is the tiniest Union Territory of India and it is the only coral island chain. This archipelago consists of 36 islands, 12 atolls, 3 reefs and 5 submerged banks. The islands have a total area of 32 sq.kms and the lagoons enclosed by the atolls cover an area of 4200 sq.kms. Its territorial waters extend to 20,000 sq.kms and Exclusive Economic Zone (EEZ) to 4,00,000 sq.kms. Only 10 of these islands namely, Agatti, Amini, Andrott, Bitra, Chetlat, Kadmat, Kalpeni, Kavaratti, Kiltan and Minicoy are inhabited. Kavaratti is the Administrative Headquarters of the Union Territory.

Parameters	Description
State	UT of Lakshadweep
Total islands	36
Total inhabited Islands	10
Major islands	Agatti, Amini, Andrott Bitra, Chetlat, Minicoy, Kadmatt, Kalpeni, Kavaratti and Kiltan.
Capital	Kavaratti
Total area (sq km)	32 Sq.Km
Geographic Location	8° -12° 13' N Latitude and 72° -74° E Longitude
Population (2011 Census)	64,473
Administrative sub division	10
Temperature	32°C(Max) to 28°C(Min)
Humidity	70-75%
Connectivity	Lakshadweep consists of tiny coral islands

	scattered in Arabian sea. The inhabitants depends upon main land for all their needs like food grains, higher education, specialized treatment, construction materials, etc
Connectivity By Water	Provided with 2 No 400 passenger ships, 1No 700 passenger ship, 2 No 250 passenger ship, 2 No 150 passenger ship and 10 ferry vessel of capacity ranging from 17 to 150 passengers for inter island and to main land connectivity.
Air	Lakshadweep has one airport namely Agatti Airport situated at Agatti Island.
Road	Cement concrete road of 3 metre width is constructed. Area of Kavaratti Island is 3.63 SqKm. Total road length is 35.99 Km. the total road length in all islands of Lakshadweep is 207.1 Km

### 3.AMRUT CITIES SNAPSHOT

The Government of India has launched Atal Mission for Rejuvenation and Urban Transformation (AMRUT) flagship programme on 25th June 2015. Under this programme five hundred cities have been selected, in which Kavaratti Island the capital of Lakshadweep has been selected as one of the city under AMRUT mission. The details of the Kavaratti, AMRUT city, are mentioned below.

Parameters	Description
Name	Kavaratti Island
Total area (sq km)	3.63 Sq.Km
Population (2011 Census)	11210

Number of households	2246
Road length	35.99 km

The sectors addressed under mission are:

- Water supply
- Sewerage
- Urban transport
- Green spaces and parks

### 3.1 SERVICE LEVEL STATUS

#### 3.1.1 Water Supply

Total population of the Kavaratti Island is 11210. The requirement water is 15,13,350 Liter/day at the rate of 135 LPCD i.e. 15 lakhs liter per day. 4,48,400 Ltr @ 40 lpcd. Low Temperature Thermal Desalination (LTTD) plant of capacity one lakh liter per day has been installed at Kavaratti. Water produced in this plant is supplied to public through stand posts. Water supplied now is 9 (Nine) lpcd.

The cost of installation of one lakh litre per day(LTTD) plant is Rs. 46 Crore(approx).The requirement of Kavaratti is 15 Lakh litre/day. Approximately Rs.690 crore is required to install 15 laks litres/day LTTD plant. This is beyond the scope of AMRUT. The total fund allotted for Kavaratti (Lakshadweep) for mission period is Rs. 361 Lakhs only.

#### Proposed Investments

It was proposed to provide 366 numbers of Rain Water Harvesting tanks (Ferro-Cement) during mission period (2015-2020) and the rest to achieve the universal goal shall be taken up with Smart City mission proposal. Kavaratti island is coming under the Smart City Mission also. Action is on hand to Construct 75 No of Rain water tank as approved in SAAP 2015-16 and 116 Rain Water Tanks in SAAP 2016-17. But beneficiaries from the individual household are not coming forward even after repeated awareness by means of public announcement , public notices, Door to door campaign. Action is on hand to attract more beneficiaries

for the RHT.

In view of the above, the State Level High Power Steering Committee (SHPS) proposed to construct 10 No Community Rain Water Tanks in Government Buildings . The total capacity 5, 5 9,000 litre and it can be utilized for public use. Rs 154 Lakh is proposed for the same under water supply sector in SAAP 2017-18.

### 3.1.2 Sewerage & Septage Management

Centralized sewerage/septage management system is not feasible in Lakshadweep because of porous nature of soil, low water table, geographical condition of island.

Every household in Lakshadweep has individual latrines. But septic tanks have **not been** constructed scientifically. Waste water from these septic tanks is getting mixed with ground water and thereby ground water is getting contaminated. The U.T. Administration has taken a decision to provide Bio-toilets developed by DRDO to every households and the work is in progress (**Note on sewerage is attached as ANNEXURE D**) (page 65). So far 876 number of Bio toilets have been installed at Kavaratti.

As per the AMRUT Guidelines the following works are permitted to take up under Sewerage and Septage

#### Sewerage

1. Decentralised, networked underground sewerage system, including **augmentation of existing sewerage system** and sewage treatment plants
2. Rehabilitation of old sewerage system and treatment plants
3. Recycling of water for beneficial purposes and re use of waste water

#### Septage

1. Fecal sledge management- cleaning, transportation and treatment in a cost effective manner
2. Mechanical and biological cleaning of sewers and **septic tanks** and recovery of operational cost in full

As mentioned centralised sewage and septage management system is not feasible in Lakshadweep. **There is no sewage treatment plant.**

Every household in Lakshadweep has individual latrines. But septic tanks have **not been** constructed scientifically. Waste water from these septic tanks is getting mixed with ground water and thereby ground water is getting contaminated. Therefore to address the situation it was proposed to construct 20 scientific septic tank (Brick Masonry) to the households. But the Apex Committee meeting held at New Delhi On 08.07.2016 directed to transfer the amount placed for the construction septic tank and for the construction of public toilet to water supply sector as the proposal is not coming under the scope of AMRUT. Hence no proposal is kept under the Sewerage sector in the SAAP 2017-20.

### **3.1.3 Urban transport**

Lakshadweep islands have fragile atmosphere. To promote eco-friendly tourism and to reduce carbon emission, it is proposed to procure one number battery operated 15 seated vehicles to enable the publics / tourists to reach important places like hospital, offices, schools etc under AMRUT CITY MISSION during the year 2016-17. An amount of Rs 15 lakh is proposed.

Usage of battery operated two wheelers is in practice in Island and it is proposed to install 4 Nos Vehicle Charging Stations at different locations to promote and facilitate this practice of echo friendly mode of transport.

### **3.1.4 Parks, Green spaces and others**

There are three number Children parks in the Mission city Kavaratti. It is proposed to provide interlocking pathway and the same is approved in SAAP 2015-16 and action is on hand to construct the same.

It is proposed to provide fountain & play equipments to the existing park during the year 2016-17. Action is on hand to provide the same

It is proposed additional play equipments to the existing park during the year 2017-18. An Amount of Rs. 4 lakh is proposed in SAAP 2017-20.

Table 1 .Breakup of Total MoUD Allocation in AMRUT (as per table 1.1 of AMRUT Guidelines) (Rs in Crore)

Total Central Funds allocated to State (2015-20)	Allocation of Central funds for A&OE (@8% of Total given in column 1)	Allocation of Funds for AMRUT (Central Share)	Add equal (col. 4) State/ULB share	Total AMRUT annual size (2017-20)
3.61	0.052	3.61	0	1.73

\* For UTs SAAP is limited to Central Assistance and it is Rs. 1.73 Crore for Lakshadweep.

Table 2: Abstract – Sector Wise Proposed Total Project Fund and Sharing Pattern. In Lakhs (FY 2017-20) (RS in lakhs)

S.No	Sector	No. of Project	Centre	State	ULB	Total
1	<u>Water supply</u> (providing 10 No Community Rain Water Harvesting Tanks)	1	154	0	0	154
2	<u>Sewerage and Septage management</u>	0		0	0	0
3	<u>Urban transport</u> <u>Providing 4 No Vehicle Charging Stations</u>	1	15		0	15
4	<u>Park &amp; Green space</u> (play equipments)	1	4		0	4
	<b>Grand total</b>	<b>3</b>	<b>173</b>	<b>0</b>	<b>0</b>	<b>173</b>

SAAP limited to Central Assistance.

Table 3: Abstract – Sector Wise Proposed Total Project Fund and Sharing Pattern ( Rs in lakhs)

S.No	Sector	GOI	State			ULB			Total
			14th FC	Others	Total	14th FC	Others	Total	
1	Water supply	154	0	0	0	0	0	0	154
2	sewerage and Septage management	0	0	0	0	0	0	0	0
3	Urban transport	15	0	0	0	0	0	0	15
4	Park & Green space	4	0	0	0	0	0	0	4
	<b>Total</b>	<b>173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173</b>

SAAP limited to Central Assistance.



Table 4: Abstract – Use of Funds on Projects: Ongoing and New (Rs in Lakhs) 2017-20

S. No	Sector	Total Project Investment	Committed Expenditure (if any) from Previous Year	Proposed spending during current Financial year						Balance carry Forward for Next Financial Year *								
				State			ULB			State			ULB					
				14 th FC	Oth ers	Tot al	14 th FC	Oth ers	total	14 th FC	Oth ers	total	14 th FC	Oth ers	total			
1	Water supply			154	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sewerage and Septage management			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Urban transport			15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Park & Green space			4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Total</b>			<b>173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

SAAP limited to Central Assistance.

Table 5: Abstract – Plan for Achieving Service Level Benchmarks - Mission period (2015-2020)

Proposed Priority Projects	Total Project Cost in Lakh	Indicator	Baseline	Annual Targets based on Master Plan				
				(Increment from the Baseline Value)				
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Water supply	322.08	Providing Rain water Tank(201Nos)	0%	20%	60%	70%	80%	100%
Urban transport	30	Providing Battery Operated Vehicle (1 Nos). 4 No Vehicle Charging Stations.	0%	0%	50%	100%		
Park & Green space	8.92	providing inter-locking Pathway to existing Park	0%	100%				
Total	361	play equipments to existing park	0%	0%	80%	100%	-	

Table6: Master Plan of all projects to achieve universal coverage during the current mission period (FY2015-16 to 2019-20)

S.No	Name of the ULB (water Supply and Sewerage)	Total Number of Projects to Achieve universal Coverage	Estimated Cost in Crores	Number of Years to Achieve Universal Coverage
1	KAVARATTI			
Total				

Not applicable as the fund allocated is not sufficient to achieve universal coverage under AMRUT MISSION and the same shall be achieve in Smart city Mission

Table 7: Sector Wise Breakup of Consolidated Investments for all ULBs in the State

(Amount in lakhs)

S.No	Name of the ULB	Water supply	Sewerage	Urban Transport	Green space	Grand Total
1	KAVARATTI	322.08	0	30	8.92	361
TOTAL		322.08	0	30	8.92	361

Table 8: ULB wise Source of Funds for all Sectors  
(Amount in Lakhs)

S.No	Name of the ULB	Center	State			ULB	Total
			14 <sup>th</sup> FC	Others	Total		
1	Kavaratti	361	0	0	0	No ULB in the UTL	361

Table 9: SAAP – Year wise Share of Investments for all sectors (ULB Wise)

S.No	Name of the City	Total Project Investment	Committed Expenditure (if any ) from Previous Year	Proposed spending during the current financial year(2017-20)						Balance carry forward for next financial year			
				Gol	State	ULB			Gol	State	ULB		
						14 <sup>th</sup> FC	Others	Total				14 <sup>th</sup> FC	Others
1	Kavaratti	361	0	173	0	0	0	0	0	0	-	-	-

Table 10: Abstract – Sector Wise Proposed Total Project Fund and Sharing Pattern for the Current FY -2017-20(in Lakhs)

Sl.No	Sector	Number Projects	GOI	State	ULB	Total
1	Water supply	1	154	0	0	154
2	Sewerage	0	0	0	0	0
3	Urban Trans port	1	15	0	0	15
4	Green Space and Parks	1	4	0	0	4
	Total	3	173	0	0	173

- Water supply – It is proposed to construct 10 No Rain Water Harvesting Tank of higher capacity Rs 154 Lakh
- Sewerage - No proposal
- Urban Transport - It is proposed to provide four number vehicle charging stations (4 X 3.75 Lakh = 15 Lakh)
- Park - It is proposed to provide play equipments to the existing parks ( Rs 4 Lakh)

Table 11 Abstract – Sector Wise Proposed Total Project Fund and Sharing Pattern for the Current FY -2017-20(in lakhs)

Sl.No	Sector	GOI	State		ULB	Total
			14 <sup>th</sup> FC	Others		
1	Water Supply	154	0	0	0	154
2	Sewerage	0	0	0	0	0
3	Urban Trans port	15	0	0	0	15
4	Green Space and Parks	4	0	0	0	4
	<b>Total</b>	<b>173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173</b>

Table 12: Master Plan of all projects to achieve universal coverage for the Current FY -2017-20

Sl.No	Name of the ULB (water Supply and Sewerage)	Total number of projects to achieve universal coverage	Estimated Cost in Crores	Number of Years to Achieve Universal Coverage
1	Kavaratti			

The fund available with AMRUT city mission is not adequate to achieve the universal coverage in water supply and sewerage. It was prepared to construct 366 numbers of Rainwater Harvesting Tanks during the mission period (SAAP 2015-16 - 75, SAAP 2016-17 - 116 & SAAP 2017-20 - 175). SAAP 2016-17 is approved, there is no sufficient beneficiaries are coming forward for the construction of RHT, therefore in SAAP 2017-20 it is proposed to construct 10 numbers Community RHT of bigger capacity instead of 175 individual RHT. It is proposed to construct 201 number of Rainwater harvesting tanks tank in the AMRUT Mission and the remaining to achieve the universal coverage shall be taken up with SMART city Mission.

Table 13: Sector Wise Breakup of Consolidated Investments for all ULBs in the State for the Current FY -2017-20 (in lakhs)

Sl.No	Name of the city	Water Supply	Sewerage	Drainage	Urban Transport	Green Spaces and Parks	Reforms	Total
1	Kavaratti	154	0	0	15	4	0	173

Table 14: ULB wise Source of Funds for all Sectors for the Current FY 2017-20(in lakhs)

Sl.No	Name of the ULB	Centre	State			Total
			14 <sup>th</sup> FC	Others	total	
1	Kavaratti	173	0	0	0	173
<b>Total</b>		<b>173</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173</b>

Table 15: SAAP – State level Plan for Achieving Service Level Benchmarks

Proposed priority projects	Total project cost in lakhs	Indicator	baseline	Annual target based on Master plan					
				Increment from the baseline value					
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
H1	H2								
<b>Water supply</b>									
	322.08	Providing rain water Tanks 201 numbers	0%	-	20%	60%	70%	80%	100%
<b>Urban Transport</b>									
	30	Providing battery operated Vehicle (1Nos) and 4 No Vehicle Charging Stations.	0%	-	0%	50%	100%		
<b>Green Space and Parks</b>									
	8.92	Providing inter-locking pathway in 1 park Fountain & Play equipments	0%	-	100%				
			0%	-	0%	80%	100%		



Table 16: State Level Plan of Action for Physical and Financial Progress 2017-20  
Water supply sector (Rs in lakhs)

Sl.No	Name of the City	Performance indicator	Baseline water supply coverage in percentage	Mission Targets	For financial year 2017-20			
					For half year 1		For half year 2	
					Physical progress to be achieved	Funds to be utilised	Physical progress to be achieved	Funds to be utilised
1	Kavaratti	Community Rainwater harvesting tanks	0%	201 Nos	5 Nos	77	5 Nos	77
	Total		0%	201 Nos	5 Nos	77	5 Nos	77

75 Nos Rain water tank in SAAP 2015-16 and 116 Nos Rain water tank in SAAP 2016-17

Table 17: State Level Plan of Action for Physical and Financial Progress 2017-20 Sewerage

Sl.No	Name of the City	Performance indicator	Baseline water supply coverage in percentage	Mission Targets	For financial year 2017-20			
					For half year 1		For half year 2	
					Physical progress to be achieved	Funds to be utilised	Physical progress to be achieved	Funds to be utilised
				NILL				

Table 18: State Level Plan of Action for Physical and Financial Progress 2017-20

Urban Transport

Sl.No	Name of the City	Performance indicator	Baseline water supply coverage in percentage	Mission target	For financial year 2017-20			
					For half year 1		For half year 2	
					Physical progress to be achieved	Funds to be utilised	Physical progress to be achieved	Funds to be utilised
	Kavaratti	4 No Vehicle Charging Stations.	0	1 No Battery operated vehicle and 4 No Vehicle Charging Stations.	2 No	7.5 Lakh	2 No	7.5 Lakh
	Total		0		2	7.5 Lakh	2	7.5 Lakh

Table 19: State Level Plan of Action for Physical and Financial Progress 2017-20  
Green Space and Parks (Rs in Lakhs)

Sl.No	Name of the City	Performance indicator	Baseline water supply coverage in percentage	Mission targets	For financial year 2017-20			
					For half year 1		For half year 2	
					Physical progress to be achieved	Funds to be utilised	Physical progress to be achieved	Funds to be utilised
	Kavaratti	play equipments	0	Fountain, play equipments and Footpath for existing Park	0	2		2
	Total		0		0	2		2

**Table 20 : PRINCIPLES OF PRIORITIZATION FOR THE CURRENT FINANCIAL YEAR (2017-20) in lakhs)**

Sl.No	Name of the city	Water supply LPCD	Water supply Project cost	Sewerage Project cost	Urban transport	Green space project cost	Total amount prioritized	Centre share	State share	ULB share	Remarks	
1	Kavaratti		154	0	15	4	173	173	0	0	There is no ULB	
	Total		154	0	15	4	173	173	0	0		
		Total project cost						173	173	0	0	
		Total fund required for entire Mission period						361				
		Total fund required for the current financial year						173				

Table 21: SAAP : Broad Proposed Allocations for Administrative and Other Expenses (In Rupees)

Sl No	Items Proposed for A&OE	Total Allocation	Committed expenditure from previous years (If any )	Proposed spending for current financial year	Balance to carry forward			
					FY 2017	FY 2018	FY 2018	FY 2018
	Preparation of SLIP and SAAP	0	0	0	0	0	0	0
	PDMC	0	0	0	0	0	0	0
	Procuring third party in depended review and Monitoring agency	0	0	0	00	0	0	0
	Publications	0	0	0	0	0	0	0
	Capacity building and Training	1,75,000	0	0	25000	50000	50000	50000
	Reform implementation	1,45,000	0	0	25000	20000	50000	50000
	<b>Total</b>	<b>3,20,000</b>	<b>0</b>	<b>0</b>	<b>50000</b>	<b>70,000</b>	<b>1,00,000</b>	<b>1,00,000</b>

Table 22 Reforms Type, Steps and Target for AMRUT Cities FY 2017-20 (Table 5.1 of AMRUT Guidelines)

Sl.No	Type	Steps	Implementation time line	Target to be set by state in SAAP	
				Aprill to Sep 2016	Oct 2016 to Mar 2017
1	E- Governance	Digital ULBs,			
		1. Creation of ULB website	6 month		
		There is no ULB in the UT of Lakshadweep. The UT of Lakshadweep has its own website <a href="http://www.lakshadweep.nic.in">www.lakshadweep.nic.in</a> This will be used for AMRUT Mission			
		2. Publication of e-Newsletter, <u>Lakshadweep Times</u> is the official news paper of the Lakshadweep Administration and is available in the website also. Lakshadweep Times will be used for AMRUT Mission	6 month		
		Digital India Initiative			
		3. Support Digital India (ducting to done on PPP mode or by the ULB itself	6 month		
		There is no ULB in the UT. Action is in hand to implement e- office system. A brief note on proposed e-office project is enclosed as Annexure			

2	Constitution and professionalisation of municipal cadre	1. Policy for engagement of items in ULB and implementations	12 month		
3	Augmenting double entry accounting.	1. Complete migration to double entry accounting system and obtaining an audit certificate to effect from FY 2012 -13 onwards  The scheme will be implemented by Lakshadweep PWD. There is no ULB. Accounts will be audited by A.G Kerala.	12 month		
		2. Publication of annual financial statement on website	Every year		
		Annual financial statement of AMRUT mission will be published on Lakshadweep website <a href="http://www.lakshadweep.nic.in">www.lakshadweep.nic.in</a>			
4	Urban Planning and City Development Plans	1. Preparation of Service Level Implementation Plans (SLIP), State Annual Action Plans (SAAP)	6 month		SLIP and SAAP for AMRUT Mission already prepared and submitted. Kavaratti is under

		SMART CITY Mission also and the SMART CITY Proposal is already submitted vide F.No.1/2/2015-SPC dated 14/12/2015 and revived proposal being submitted on 31.03.2017.		
		2. Make action plan to progressively increase Green cover in cities to 15% in 5 years	6 month	
		Kavaratti is covered trees.71% is already covered.		
		3. Develop at least one children park every year in the AMRUT cities	Every year	
		Proposed in the SAAP. Details at page No.23		
		4. Establish a system for Maintaining of parks play grounds and recreational areas relaying on people public private partnership(PPPP) model	12 month	
		Provision is kept in annual plan of the UT administration under Urban Development for the development of Parks. PPP model is not feasible. It is small island of 3.63 Sq Km area.		
5	Devolution of funds	1. Ensure transfer of 14 <sup>th</sup>		

and functions	FC devolution to ULBs
	<p>There is no ULB in the UT of Lakshadweep. There is 2(two) tier panchayath system. Each island is considered as one gram sabha known as Village Dweep Panchayath (VDP) and one District Panchayath (DP), 22 Number of District Panchayath Members and District Panchayath is headed President cum Chief counsellor (PCC) . Since Lakshadweep is a U.T without legislative 14<sup>th</sup> FC is not applicable. Recommendations of Finance Commission for UTs without legislative would be followed.</p>
	<p>2. Appointment of state finance commission (SFC) and making decisions.</p> <p>Since Lakshadweep is a U.T without legislative 14<sup>th</sup> FC is not applicable. Recommendations of Finance Commission for UTs without legislative would be followed.</p>
	<p>3. Transfer of all 18 function to ULBs</p> <p>There is no ULB in the UT of Lakshadweep. However there is two tier panchayath system and 5 departments (Education, Animal Husbandry, Fisheries, Agriculture and Medical &amp; Public Health) are handed over to District Panchayath. Details attached as Annexure</p>



6	Review of Building by-laws	1. Revision of building bye laws periodically	12 months		
		Lakshadweep Building Bye law 2016 is notified on 04.03.2016. Building byelaw was sent to MHA vide F.No.106/14/2014-S3 dated 23.03.2016 for placing before both houses of parliament for approval.			
		2. Create single window clearance for all approval to give building permissions	12 months		
		This will be considered after the implementation of Building bye law .			
7 (a)	Municipal Tax and fees improvement	<ul style="list-style-type: none"> <li>1. At least 90% coverage</li> <li>2. At least 90% collection</li> <li>3. Make a policy ti, periodically revise property tax, levy, levy charges and other fees</li> <li>4. Post Demand Collection Book (DCB) of tax details on the website.</li> <li>5. Achieve full potential of</li> </ul>			

		advertisement revenue by making policy for destination specific potential having dynamic pricing module.			
		The indigenous population of the island is Schedule Tribe Community and there is no tax collection.			
7(b)	Improvement in levy and collection of user charges.	<ol style="list-style-type: none"> <li>1. Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate safeguards are included to take care of interests of the vulnerable.</li> <li>2. Make action plan to reduce water losses to less than 20% and publish on the website.</li> </ol>	12 months		

		<p>3. Separate accounts for user charges.</p> <p>4. Atleast 90% billing.</p> <p>5. Atleast 90% collection.</p>			
		<p>The indigenous population of the island is Schedule Tribe Community and there is no tax collection. The water available now is 9 lpcd and not sufficient to provide household connections. it will be considered after augmenting the plant capacity under Smart city mission.</p> <p>Collection of user charge will be implemented after providing household connections.</p>			
		<p>1. Energy(street light) and water Audit (including non – revenue water or losses audit).</p>	12 months		
		<p>The Administration is now supplying 9 LPCD desalinated water and drinking water is supplied to public through street taps.</p>			
		<p>2. Making STPs and WTPs energy efficient.</p>			
		<p>It is not feasible for the installation of Sewerage treatment plant and Ground Water Treatment plants in Lakshadweep due to fragile ecology condition of islands.</p>			
8	Energy & Water audit				

			3. Optimize energy consumption in street lights by using energy efficient light and increasing reliance on renewable energy.		
		A note on street lights is enclosed as <b>Annexure</b>			

Table 23:- SAAP- Reforms Type, Steps and Target for AMRUT Cities FY 2017-20

Sl.No	Type	Steps	Implementation time line	Target to be set by state in SAAP			
				April to Sep 2016	Oct 2016 to Mar 2017	April to Sep, 2017	Oct 2017 to Mar 2018
1	E- Governance	1. Coverage with E- MASS(from the date of hosting the software <ul style="list-style-type: none"> <li>Action is on hand to improve the band width. A note on E- Governance is attached as Annexure</li> </ul>	24 month				
		<ul style="list-style-type: none"> <li>Registration of birth, Death and Marriage</li> </ul> Lakshadweep Administration has already implemented online Registration of Birth and Deaths. The individual can make online registration of the Birth and Deaths in <a href="http://www.censussindia.gov.in">www.censussindia.gov.in</a> from the respective hospital/health centers in islands.					
		<ul style="list-style-type: none"> <li>Water &amp; Sewerage Charges,</li> </ul> Available Drinking Water is not sufficient to provide household connections. Proposal kept in Smart City mission to augment capacity of the LTTD plants.					

<ul style="list-style-type: none"> <li>Grievances Redressal</li> </ul>	
<p>On line Grievances redressal is a part of e- Governess. A note in this regard is attached as Annexure</p>	
<ul style="list-style-type: none"> <li>Property Tax</li> <li>Advertisement Tax</li> </ul>	
<p>Not Applicable Indigenous population is Schedule Tribe and there is no tax collection..</p>	
<ul style="list-style-type: none"> <li>Issuance of licenses</li> <li>Building Permission</li> </ul>	
<p>On line Issue of license, Building permit, etc will be included in e-Governess project</p>	
<ul style="list-style-type: none"> <li>Mutation</li> <li>Payroll</li> <li>Pension and e-Procurement</li> </ul>	
<p>On implementation of the e- governess after augmenting the Bandwidth, E pension will be considered. The Administration is executing all works by e- Tendering.</p>	

2	Constitution and professionalization of municipal cadre.	<p>1. Establishment of municipal cadre.</p> <p>2. Cadre linked training</p>	24 months	
		Not applicable - UT of Lakshadweep is the smallest UT. There is no ULB and only two tier panchayath system is existing.		
3.	Augmenting double entry accounting	Appointment of Internal auditor	24 months	
		The scheme will be implemented by Lakshadweep PWD. There is no ULB. Accounts will be audited by A.G Kerala.		
4	Urban planning and City Development Plans	Make state level policy for implementing the parameters given in the National Mission for Sustainable Habitat.	24 months	
		Integrated Island Management Plan is prepared and notified by the Ministry of Environment and Forest. A Master Plan for all island is prepared by School of Planning and Architecture New Delhi.		
5	Devolution of funds and functions	Implementation of SFC recommendations within timeline	24 months	
		There is no ULB in the UT of Lakshadweep. There is 2(two) tier panchayath system. Each island is considered as one gram Sabha Known as Village Dweep Panchayath (VDP) and one District Panchayath (DP) 22 Number of District Panchayath Members and District Panchayath is headed		

	<p>President cum Chief counselor (PCC)</p>			
<p>6</p>	<p><b>Review of Building bye- law</b></p>	<p>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 building. 2. State to formulate a policy and action plan for having Rain Water harvesting structure in all commercial, public building and new building on plots of 300 sqm and above</p>	<p>24 months</p>	
		<p>1. This will be incorporated in the Building Bye Law. 2. The Administration is providing Rain Water Harvesting Tanks to the Government/ private residential buildings as well as public buildings.</p>		



7	Set- up financial intermediary at state level	1. Establish and operationalize financial intermediary –pool finance, access external funds, float municipal bonds	24 months	
8	Credit Rating	All funds are provided by Central Government. No other source of fund. Complete the credit rating of ULBS	24 months	
9	Energy and water audit	Not applicable. There is No ULB in the UT of Lakshadweep. 1. Give incentive for green buildings (eg. Rebate in property tax or charges connected to building permission/development charges)		
		Indigenous population is schedule tribe and there is no tax collection/ Building permission /Development charges.		

Table 24:-Reforms Type, Steps and Target for AMRUT Cities FY 2017-20

Sl. No	Type	Steps	Implementation timeline	Target to be set by state in SAAP					Implementation
				April to sept 2015	Oct,20 15 to March 2016	April to sep 2016	Oct 2016 to March 2017	April to Sep 2017	
1.	E- Governance	1.Project Staff management  2. Project management							Training to one JE, one AE,& one EE
2	Urban Planning and City Development plans	1.Establish Urban Development Authorities	36 months	1. Not applicable					

<p>3</p> <p><b>Swatch Bharat Mission</b></p>	<ol style="list-style-type: none"> <li>1. Elimination of open defecation</li> <li>2. Waste Collection(100%)</li> <li>3. Transportation of waste</li> <li>4. Scientific Disposal</li> <li>5. The state will prepare a policy for Right – sizing the number of municipal functionaries depending on, say ,population of the ULB, generation of internal resources and expenditure on salaries.</li> </ol>	<ol style="list-style-type: none"> <li>1. There is no open defecation in the UT. All houses have individual latrine.</li> <li>2,3,&amp;4 A note on Solid waste management and Swatch Bharath Mission are attached as Annexure G and Annexure J.</li> <li>5. Not applicable-There is no ULB in the UT and all projects are executed by the UT Administration with the funds allocated by the Central Government.</li> </ol>
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Table 25:- Reforms Type , Steps and Target for AMRUT Cities FY 2018-19

SI.NO	Type	Steps	Implementation time line	Target to be set by state in SAAP
1	Urban Planning and City Development Plans	1. Preparation of Master Plan Using GIS	48 Month	April to sept 2015 Oct,2015 to March 2016 April to sep 2016 Oct 2016 to March 2017 April to Sep 2017 Oct 2017 to March 2018 April to Sep 2018 Oct 2017 to March 2019
				Integrated Island Management Plan is prepared and notified by the Ministry of Environment & Forest. Master plan is prepared by School of Planning and Architecture New Delhi.

## Name of City Kavaratti (U.T of Lakshadweep)

Table-26 : SLIP of AMRUT Guideline ( tab 2.6)– Reporting of physical and Financial Progress of the Projects Under the Mission During Last financial Year (2016-17).

Name of the project	Target of Last Year		Achievement of Last year		Variance		Reason for Variance
	Financial	Physical	Financial	Physical	Financial	Physical	
<u>Water supply</u> Construction of rainwater tank	102.08 lakh	116	0	0	102.02	116	•
<u>Sewerage</u> No proposal	0	0	0	0	0	0	
<u>Urban Transport</u> No proposal	15	1	0	0	15	1	
<u>Green Space &amp; Park</u> Provide interlocking tiles footpath for park	2.92	1	0	0	2.92	1	•

- First installment of Rs.24 lakh is received on 20/10/16 Action is on hand to float tender and the work will be commenced soon