

**GOVERNMENT OF INDIA
MINISTRY OF URBAN DEVELOPMENT
LOK SABHA**

**UNSTARRED QUESTION NO. 196
TO BE ANSWERED ON FEBRUARY 24, 2016
DRINKING WATER**

No. 196 SHRI B. SRIRAMULU:

Will the Minister of URBAN DEVELOPMENT be pleased to state:

- (a) the details of the schemes being implemented by the Government to provide assistance to the States including Karnataka and Rajasthan for improving the facilities for drinking water;**
- (b) the details of proposals/projects received by the Government from various States under these schemes since 2014, State-wise; and**
- (c) the number of proposals/projects cleared and the funds sanctioned/released during the above mentioned period, State-wise along with the implementation status of these projects?**

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF URBAN
DEVELOPMENT
(SHRI BABUL SUPRIYO)**

(a) & (c): Assistance to the states including Karnataka and Rajasthan for improving the facilities for drinking water is being provided under the Schemes Atal Mission for Rejuvenation and Urban Transformation (AMRUT), SMART CITIES, North Eastern Region Urban Development Programme (NERUDP), ~~Urban Infrastructure Development in Satellite towns around seven mega cities (UIDSST)~~ and 10% Lumpsum scheme. The details of proposals/projects received and fund sanctioned/released under the Scheme, Atal Mission for Rejuvenation and Urban Transformation (AMRUT) at Annexure-I, SMART CITIES at Annexure-II, North Eastern Region Urban Development Programme (NERUDP) at Annexure-III and ~~Urban Infrastructure Development in Satellite towns around seven mega cities (UIDSST)~~ and 10% Lumpsum scheme at Annexure-IV

Annexure-I

ANNEXURE-I REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.196 TO BE ANSWERED ON 24.02.2016 REGARDING "DRINKING WATER"

Details of Water Supply projects under AMRUT

(Rs. in crore)

Sl. No.	Name of the State	Total size of SAAP	Committed Central Assistance	Amount released as 1 st installment (20% of Central Assistance)
01	Rajasthan	919.00	459.50	91.90
02	Gujarat	1204.42	564.30	112.86
03	Andhra Pradesh	662.46	300.41	60.08
04	Jharkhand	313.36	137.95	27.59
05	Odisha	461.30	228.14	45.63
06	Madhya Pradesh	1655.81	672.03	134.41
07	Mizoram	73.00	36.50	7.30
08	Tamil Nadu	3249.23	1372.41	274.48
09	Kerala	575.96	287.98	57.60
10	Telangana	415.51	204.75	40.85
11	Chhattisgarh	573.40	276.47	55.29
12	West Bengal	1104.86	552.43	110.49
13	Haryana	438.02	219.01	43.80
14	Maharashtra	1989.41	914.92	182.98
15	Himachal Pradesh	158.82	79.41	15.88
16	Bihar	664.20	332.10	66.42
17	Uttar Pradesh	3287.26	1409.07	281.81
18	Karnataka	1258.54	592.29	118.46
19	Uttarakhand	269.93	133.68	26.74
20	Punjab	709.66	318.86	63.77
	Total		9091.70	1818.34



Annexure-II

ANNEXURE-II REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.196 TO BE ANSWERED ON 24.02.2016 REGARDING “DRINKING WATER”

Details of Water Supply projects under Smart Cities

Main Features of Winning Proposals

Rank	City	Main Features
1	Bhubaneswar	<ul style="list-style-type: none"> • Creating a model of sustainable urbanization based on New Urbanism principles that have the transformative potential to provide citizens with prosperity, safety, and equity. • Bhubaneswar, through participatory decision-making, responsible governance and open access to information and technology, to be a: <ul style="list-style-type: none"> ○ Transit oriented city with a compact urban form that promotes active, connected and sustainable mobility choices ○ Livable city providing diverse range of housing, educational and recreational opportunities, while enhancing its heritage, arts and traditional communities ○ Child-friendly city providing accessible, safe, inclusive and vibrant public places ○ Eco-city co-existing in harmony with nature for nurturing a resilient, clean, green, and healthy environment ○ Regional economic centre attracting knowledge based enterprises and sustainable tourism activities by leveraging and empowering its institutions, local businesses and Informal workforce • Extensive citizen engagements through various online and offline engagements • Bhubaneswar envisions to retrofit and redevelop 985-acres centered around main Railway Station in heart of the city. • Bhubaneswar’s state-of-the-art Intelligent City Operations and Management Centre (ICOMC) is at the core of its pan-city proposal. This centre will provide digital platform for integrating multiple city sub-systems of Traffic Management, Parking, Bus/Para-Transit Operations, Common Fare Card, Emergency Response and City Incident Management along with seamless integration of Bhubaneswar Town Centre District’s (BTCD) utility operations requirements. • The proposal estimates Total Project Cost (TPC) at Rs.4537 Cr; including Rs.4095 Cr for area based development- BTCD and Rs.442 Cr for Pan City Solution- Intelligent City Operation and Management Centre (ICOMC) • The proposal proposes to leverage Rs. 950 Cr available under Mission to finance Smart City Plan through multiple streams of investments thereby reducing financial risks. • Proposes Rs. 525 Cr to be converged with national and state schemes • Leveraging PPP Projects worth Rs. 2563 Crores • Other means of financing such as debt finance, Public Private Community Partnerships (PPCPs), City Level Infrastructure Development Fund and internal ULB resources.

Rank	City	Main features
2	Pune	<ul style="list-style-type: none"> • Pune builds upon five strategic Principles: <ul style="list-style-type: none"> ○ Fix core urban infrastructure and make it “future-proof” ○ Leverage multiple sources of funds to fulfill long-term infrastructure demand ○ Transform Pune into the most liveable city in India ○ Focus on creating sufficient high-end jobs to leverage Pune’s human capital ○ Build city attractiveness further through iconic riverfront development • Leveraging its rich cultural and natural heritage, strong human capital and strong business environment as key strengths, Pune aspires to become one of the most liveable cities in India by solving its core infrastructure issues in a “future-proof” way, and by making its neighbourhoods beautiful, clean, green and liveable. • Pune engaged citizens in what is perhaps one of the largest envisioning exercises in the history of Indian cities and reached out to over 4 lakh households i.e. about 50% of Pune’s total households. • In order to become one of the top 10 cities in ease of doing business and e-governance, Pune proposes to invest in retrofitting selected local area. • The plan proposes an innovation center by setting up an incubation model. It also proposes training on digital literacy and healthcare for lower income households • Pune has identified 19 ICT solutions for mobility and water • The estimated cost of Pune’s Smart City is INR 3000 cr (Capex INR 2380 and Opex INR 580 cr) including Rs. 1850 crore for area base development and 510 crore for Pan city solution • The proposed financial plan includes Rs. 1000 crores channeled from Central Government and another Rs. 700 crores from Convergence with other Schemes. Rest of the gap is proposed to be filled through land monetization, improvement of services, funds from donor/lending agencies and PPP.
3	Jaipur	<ul style="list-style-type: none"> • City aspires to leverage its heritage and tourism potential through innovative and inclusive solutions and enhance quality of life of its citizens • Jaipur proposes to improve tourism experience and enhance the visual appeal of walled city area (600 acres) and create source of inspiration for rest of city • Proposes two pan city initiatives i.e. smart model mobility through ICT initiatives and Smart Solid Waste Management system • Total plan of INR 2340.52 crores (Rs.1521.40 crores for area based and Rs. 819.11 crores for Pan City solution) is proposed to be financed through mission funds, convergence, loans and borrowings, PPP and own sources.
4	Surat	<ul style="list-style-type: none"> • Surat’s vision builds upon its economic positioning, which can be further developed by improving physical and social infrastructure and inclusiveness, and making Surat a Futuristic Global city with focus on enhancing economy, protecting the ecology and preserving the culture of the city. • Proposes to retrofit Textile market area (2167 acres) that occupies 3% of physical area of the city, houses 10%



Rank	City	Main Features
		<p>of the city's population and contributes to 16% of the total city GDP</p> <ul style="list-style-type: none"> • It is proposed that retrofitting of the proposed area with smart features will improve the business environment and contribute in economy. Additional employment will be generated (eg. construction). • Surat proposes Citizen Friendly Surat through Intelligent Transport and Connectivity as the Pan city proposal. • Total estimate is Rs. 2597 crores. This will be funded by Rs. 365 crores from convergence, another Rs. 795 crores (31%) coming under PPP and rest of the money coming from internal revenue of SPVs.
5	Kochi	<ul style="list-style-type: none"> • The vision to transform Kochi into an inclusive, vibrant city of opportunities with efficient urban services, sustainable growth and ease of living is built on four theme areas: Connected and Accessible City; Vibrant Identity; Clean, Green, Safe and Healthy City, and an Inclusive and Smartly Governed City. • Extensive diverse and inclusive citizen engagement process towards wide outreach and engagement • A holistic replicable Retrofit Transformation of Fort Kochi-Mattancherry-Central to revive the character and glory of Fort Kochi-Mattancherry as a heritage area and Central Kochi (Mainland) as a bustling commercial centre including provision of high speed water connectivity. ABD project is expected to contribute to tourism and heritage value creation for fort and bring in new economic opportunities • Proposes two solutions under the Pan City Solution. a) Integrated delivery of Government-to-Citizen (G2C) services using Smart Card and mobile platforms b) implementation of an intelligent water management solutions for city-wide 24x7 water supply • The Total Capital Cost of the SCP is Rs. 2076 crores. The outlay towards Area Development Plan is Rs. 1386 crores and Rs 690 crores is towards the Pan-city Solution. • The total project cost of Rs 2,076 crores will be funded across multiple sources including convergence of Rs. 505 crores with central and state schemes and raising around Rs 243 crores through PPP, Beneficiary contribution and contribution from line agencies/ departments. • High powered Committee at state level has directed all parastatals to contribute 20% of their outlay to SCM.
6	Ahmedabad	<ul style="list-style-type: none"> • Ahmedabad has set a vision of providing efficient affordable, equitable and customized governance to its citizens. It has chosen retrofitting (515 acres) and redevelopment (75 acres) of 590 acres area in order to provide compact and inclusive development. • Two projects are taken up as Pan City Proposals (a) Smart Transit – Integrated Transit Management Platform with Common Card Payment System; and (b) Command Control Centre (CCC) with optical fiber cable network. • The total project cost is of Rs. 2290 crores comprising of Rs.1751 crores for area based development and Rs. 539 crores for Pan city solution. • Financing is proposed through SCM grant, convergence and PPP, land based financing, increased FSI and rationalization of taxes and user charges including ULB's own sources.

Rank	City	Main Features
7	Jabalpur	<ul style="list-style-type: none"> • The vision to transform Jabalpur into a vibrant regional economic and cultural hub through inclusive urban regeneration, to act as a magnet for investment and new opportunities for the youth is built on three strategic components: <ul style="list-style-type: none"> ○ Economic revival and urban regeneration for up-scaling the city's potential to respond to growing citizen aspirations in the region. ○ Creating a financially robust and environmentally sound development model for replication. ○ Coupling city's comparative advantage with frugal innovation to deliver impacts speedily and efficiently. • Jabalpur carried out intensive citizen engagement with an outreach of more than 2,56,300 people i.e. around 20% of city population, for shaping city's future through co-creating solutions for common urban problems. • Jabalpur's ABD relies on a financially robust and sustainable, Retrofit cum Redevelopment 'Hub and Spoke' model in Wright and Napier Town (743 Acres) • Leveraging existing effort on solid waste management, RFID-based, real-time, smart waste management system has been selected as the pan city initiative. • The total projected cost for Mission is Rs. 3998.5 crores. Convergence with other schemes are estimated to bring Rs.440.39 crores while Rs. 976 crores is proposed from SCM. Rest of the funds to be arranged through PPP and line of credit.
8	Vishakhapatnam	<ul style="list-style-type: none"> • Vizag to emerge as a healthy and livable city where health of the citizens is of primary importance. • Tap into tourism potential capitalizing on open spaces along beach, beach front, prominent parks, land forms and natural resources. • The area-wide idea is to serve as a test bed for smart city initiatives for brown field cities like Visakhapatnam. • Proposed 1650 acres of beach front area for retrofit to achieve its vision • Disaster Management System' (DMS) built on a strong ICT infrastructure is planned for pan city solution. • Total cost of Rs. 1742.87 crores (Rs.1601.87 crores for area based and Rs.141 crores for Pan city solution) • Sources from mission funds, convergence with centre and state schemes, and public private participation are proposed for financing the smart city plans
9	Solapur	<ul style="list-style-type: none"> • With a vision to make Solapur: Clean, Efficient, and Progressive city, the objective is to create an attractive and sustainable environment for the citizens to dwell in making the city clean and efficient. • The core area (1040 acres) of the city has been identified for retrofitting with a focus to uphold the identity of the city and reflect its history. • Proposes initiatives to drive visitors to spend more time in the core city area through urban design and pedestrianization, farmer markets etc. • Two Pan city solutions proposed are: a) Institutionalizing Service Level Benchmarking Initiative by using



Rank	City	Main Features
		<p>technology b) Demand management measures to incentivise conservation of water</p> <ul style="list-style-type: none"> The total project cost of the proposal is Rs 2247 crores. The cost of area based development project is Rs 1968 crores and cost of Pan city proposal is Rs 279 crores. Financing through funds available from convergence (Rs 1028 crores); public private partnerships (Rs. 246 crores), Centre and State grants and city's own contribution through Property Taxes, Water Tax and user charges.
10	Davanagere	<ul style="list-style-type: none"> Davanagere, with a focus on economic rejuvenation of city, aspires to be a city where L.I.F.E nestles i.e. L – Livable in Safety and Convenience, I – Inclusive, F – Financially Vibrant, Futuristic, E – Edutainment, Economic Prosperity and Environmental Friendly. It proposes to transform the unplanned and congested inner core of the city (785 acres), to augment economic and historical precincts of the city. The retrofitting of the area will provide for technological advancement to the age-old puffed rice industries resulting in higher productivity, greater efficiency and improved working conditions Two Pan city solutions proposed a) ICT based solution for public transport b) ICT-crowd mapping-a citizen engagement and interaction platform to involve citizens in development process The total cost of SCP is Rs. 2283.49 crore consisting of ABD of Rs. 809.39 crores and Pan City solution of Rs.497.79 crores. Financing mainly through convergence (Rs.976.31crores), PPP funding and city's own sources.
11	Indore	<ul style="list-style-type: none"> Indore proposes to build on its commercial & cultural strengths, having concerns of inclusiveness and sustainability with the goal to rejuvenate the identity of the city based on its key features and intelligent enhancement and capitalization of cultural resources for promotion and marketing of tourism. It has chosen to deal with its dense inner city core (Rajwada:742 Acres) with mix of retrofitting and redevelopment. Out of 742 acres, 164 acres is redevelopment impacting 1.20 Lakh persons. 24% of the total impacted population resides in urban slums. Indore Intelligent City Management System (IICMS) a Pan solution comprising of three broad components (1) Communication Network, Central Command & Control Center, (2) Intelligent Transportation System (ITS) and (3) Intelligent Solid Waste Management (ISWM). The proposed estimated costs of Rs. 5099.60 Crores, includes Rs. 4468.76 Crores for Rajwada Retro-fitting-cum-Redevelopment and Rs. 388.00 Crores for Pan-City solution. The city proposes to meet the costs through grants, convergence, loans, land monetization and other revenue enhancements through strengthening internal sources including Smart City Cess on the ABD properties.
12	New Delhi	<ul style="list-style-type: none"> NDMC proposes to be the Global Benchmark for a Capital City Extensive citizen consultation covering 95% of residents through face to face RWA consultations. The New Delhi City Centre (NDCC), consisting of Connaught Place and surrounding areas of approx. 550 acres, has been

Rank	City	Main Features
		<p>selected for undertaking the retrofitting model of development.</p> <ul style="list-style-type: none"> • It is expected that increased pedestrian footfalls will boost the economic activities in the area • The Pan-city proposal leverages ICT interventions in basic Infrastructure to improve livability and transform NDMC to become world's benchmark capital city. • The total project capital cost of the SCP is Rs.1897.27 Cr. (Area-based is Rs. 669.1 Cr and Pan-city is Rs.1,228.17 Cr.) • Financing through PPP (42%), convergence, own revenues and O&M with concessionaire
13	Coimbatore	<ul style="list-style-type: none"> • Coimbatore proposes to be an inclusive, secure and effectively governed metropolis • The proposal with central idea – connected rejuvenation of 8 lakes to pristine health, reinforce its flood management capacity and create life-spaces in 925 acres with natural lake-front habitats with recreational, educational and aquatic facilities. • Plans to implement a modern state-of-art CCTV surveillance and traffic monitoring system as a pan-city solution along with LED Street Lighting and Air Quality monitoring as synergistic sub-components. • The total project cost for developing Smart City is estimated at Rs. 1570 crores. Of this, Rs. 1427 crores pertains to the Area development proposal and Rs. 143 crores is for the pan city proposal. • Financing through mission funds, convergence, PPP, CSR, loans and own sources
14	Kakinada	<ul style="list-style-type: none"> • With a vision to transform Kakinada from Pensioner's Paradise to become an economically vibrant city. • Retrofitting centrally located CBD area of 1375 acres comprising mix land use for converting it to be a smart area. • Proposes development of built infrastructure for local economic activities which include boat building yard, fish processing and packaging unit, cold storage and local markets • Two initiatives are proposed under Pan City initiatives, <ol style="list-style-type: none"> (1) Implementation of ICT based Municipal Solid Waste Management and (2) Implementation of ICT based Intelligent Urban Services based on the concept of Internet of Things (IoT). • The estimated project cost for the Smart City Proposal is Rs. 1993.03 Crores comprising Rs. 1866.11 Crores for area based development and Rs. 126.92 Crores for Pan City Solutions • Financing through mission funds, PPP, corporate social responsibilities, loan from financial institutions, beneficiary contribution and own revenues of the local body.
15	Belagavi	<ul style="list-style-type: none"> • Belagavi, with a vision to become "inclusive, livable, culturally vibrant city", plans to emerge as an eminent destination for health, education, ancillary industry and logistics sectors (HEAL City). • Solutions for improving mobility/improving energy efficiency/utilizing renewable energy sources and Water and Sanitation • With a focus to decentralize the inner city area and create commercial corridor and new growth centres it



Rank	City	Main Features
		<p>proposes to retrofit 10.78 sqkm (aprox. 2663.8 acres)</p> <ul style="list-style-type: none"> • Two Pan city Solutions: a) ICT enablement and e-governance, which will have websites for public access on government services, ICT smart components for infrastructure and Central Command Center b) Urban mobility with ICT enabled Intelligent Traffic and Transportation system. • With an estimated cost of Rs. 3534.50 crores comprising Rs 1655.70 crores for area based and Rs.1878.8 crores for Pan solution. • The ABD and Pan city proposals of Belagavi Smart City are expected to be financed by a mix of Central and State Government Schemes (Rs.190.25 crores), various line departments' projects, grants, public-private partnership (Rs.1006 crores.) and debt taken from either the markets or lenders (Rs. 415crores.) including ULBs own contribution.
16	Udaipur	<ul style="list-style-type: none"> • Udaipur known as the Venice of the East for its unique setting of beautiful lakes and heritage architecture plans to build upon conserving its rich legacy. • The plan is to modernise the civic amenities of the area selected while preserving the lakes and heritage which would tie in with the grand strategic vision of boosting tourism in the city. • Walled city area of 828 acres has been selected under the Area based Development component of smart city. • Walled city area is 5.1% of the total 64 sq.km. municipal corporation area, housing 20% of the city population, i.e., around one lakh citizens reside in walled city area. A large portion of city's economic activities and GDP is generated in the walled city area only. • The Pan solution includes providing transport solutions and ICT based solutions for monitoring of various utility services. • Total SCP is of Rs. 1526 crores. including Rs.1104 crores for area development and Rs.432 crores for pan city solution. • The plan proposes to fund this proposal is from mission funds, convergence and borrowings, transfer from 14th finance commission and own sources of ULB
17	Guwahati	<ul style="list-style-type: none"> • Guwahati plans to leverage city's unique locational advantage to establish its dominance and serve as the hub for the entire North-Eastern region and become a world-class destination in terms of tourism, business, trade, education and health. • In order to accomplish the vision the city, it proposes to use the city's rich cultural heritage and natural beauty as the key anchors not only for attracting tourists, but also to help convert the city's present infrastructure challenges into opportunities by using place-making as a tool to achieve a climate-resilient city. • Retrofitting of area of 696 acres by connecting city back to its river by connecting riverfront with linear storm water drains and transforming degraded water bodies into performing ecological landscapes and further into tourist attractions.



Rank	City	Main Features
		<ul style="list-style-type: none">• The green spine proposed to be developed will offer skill and training centres, market, vending zones - thus increasing economic and employment opportunities, especially for those working in the informal sector. Once implemented flood control will become more efficient and cost-effective.• Integrated ICT based application to strengthen Intelligent Traffic System (ITS), Intelligent sensor networks for monitoring water resources information, advanced flood warning and control system, CCTV Surveillance in real time at bus junction/stop, parking etc. and Real time information in terms of weather, pollution, traffic, parking, tourism sites and special events in the city.• The Total Capital Cost of Smart City Proposal (SCP) works out approx. Rs. 2256 Crores, of which, area based developments (ABD) costs approx Rs.1539 Crores, and Pan City Proposal (PCP) costs Rs.622 Crores• Proposes to finance through convergence with center and state schemes, loans, betterment charges, etc beside mission funds.
18	Chennai	<ul style="list-style-type: none">• Chennai, the main commercial hub of the south proposes to promote non-motorised transport to support and serve last mile connectivity.• With more than 9,67,575+ citizen reach out coined a vision to become an universal cultural hub for safe and sustainable living with enhanced mobility, smart urban infrastructure and become more resilient to physical, social, and economic challenges.• Selected retrofit prominent commercial hub (1717 acres) for area based development• Proposes two pan city solutions one Intelligent Traffic Management System to integrate all the public transport network, video surveillance to monitor encroachments of footpath and Water Management including disaster management system for flood & Tsunami monitoring & warning system, and secondly Smart Water by providing digital solutions for citizens• The total cost of Chennai Smart City plan is INR 1,366.24 crores consisting of Rs. 877.93 crores for area based and Rs. 488.32 crores for Pan city solutions.• A sizeable portion of this fund requirement, amounting to INR 318.52 crores will be raised through PPP and through Multilateral agencies / domestic Financial Institutions/ Infrastructure Funds/ Smart City Bonds / Banks (65.55 crores)



Rank	City	Main Features
19	Ludhiana	<ul style="list-style-type: none">• Ludhiana, Asia's largest hub for bicycle manufacturing envisions to be the most bicycle friendly city in the country.• Selected an area comprising of a mix of residential neighborhood (790 acres) for retrofitting to exemplify and promote walkability, bicycling & healthy living.• Two ideas proposed for pan city solution: a) GPS enabled 'Smart' E-Rickshaws to replace diesel auto rickshaws; b) build upon ongoing project of GIS enabled system to levy property tax, by adding a robust command center.• Total cost of Rs. 1049.28 crores including (Rs. 891.75 crores for area based and Rs. 157.53crores for Pan City solution).• Financing through mission funds, convergence and leveraging PPP
20	Bhopal	<ul style="list-style-type: none">• Bhopal with its vision of "Transforming Bhopal, a City of Lakes, Tradition & Heritage into a leading destination for Smart, Connected and Eco Friendly communities focused on Education, Research, Entrepreneurship and Tourism" proposes to redevelop an area to unlock the value of underutilized government land (350 acres) in the heart of the city including capturing public transportation investments that are coming in the area.• It is envisaged that the proposed plan infrastructure will increase the footfall in the area and boost business activities. Incubation center for entrepreneurs, and skill development for the work force will bring out skilled human resource. Tourism in heritage area will boost economy.• The city proposes two Pan city solutions a) smart unified governance b) intelligent street lighting, with a focus to provide integrated and streamlined city operations with ease of governance for administration, ease of access for citizens and ease of business for industry.• The costs of Rs. 3440.9/- crores (Rs.2565.20 for ABD and Rs. 875.7 crores for Pan City) will be mainly financed through Pan city revenue, redevelopment revenue, grants and budget allocation and other revenue enhancement measures including exploring new revenue sources

Investments proposed by each city and feasibility of resource mobilization

Rank	City	Population (2011)	Approaches Adopted	Total Investment	Resource Mobilization
1	Bhubaneswar	840834	Retrofit and Redevelop 985 acres around main Railway Station in heart of the city.	The proposal estimates Total Project Cost at Rs.4537 Cr; including Rs.4095 Cr for area based development and Rs.442 Cr for Pan City Solution	The proposal proposes to leverage mission funds, converge with national and state schemes, leveraging PPP Projects, debt finance, Public Private Community Partnerships (PPCPs), City Level Infrastructure Development Fund and internal ULB resources.
2	Pune	3124458	Pune's proposes to invest in retrofitting in selected local area covering around 900 acres of residential area	The estimated cost of Pune's Smart City is INR 3000 cr (Capex INR 2380 and Opex INR 580 cr. including Rs.1850 cr. for area based plan and Rs.510 cr for pan city solution	Leverage mission funds, Convergence with other Schemes. Rest of the gap is proposed to be filled with land monetization, improvement of services, funds from donor/lending agencies and PPP.
3	Jaipur	3046163	Retrofit 600 acre area in the walled city area	Total plan of INR 2340.52 crores (Rs.1521.40 crore for area based and Rs. 819.11 crore for Pan City solution)	Finance through mission funds, convergence, loans, borrowings, PPP and own sources
4	Surat	4467797	Retrofit Textile market area (2167 acres) which occupies 3 % of physical area of the city, houses 10% of the population and contributes to 16% of the GDP of the city	Total estimate is for Rs. 2597 crores (Rs.1802 Cr for area based and Rs. 795 cr. for Pan solution	This will be funded through convergence, PPP and rest of the money coming from internal revenue of SPVs.
5	Kochi	602046	Retrofit Transformation of 1726 acres heritage area to revive the character and glory of heritage area.	The Total Capital Cost of the SCP is Rs. 2076 crore. The outlay towards Area Development Plan is 1386 crore and Rs 690 crore is towards the Pan-city Solution.	The total project cost of Rs 2,076 cr will be funded across multiple sources including convergence with central and state schemes, PPP, Beneficiary contribution and contribution from line departments. High-powered Committee at state level directed all parastatals to contribute 20% of their outlay to SCM.



Rank	City	Population (2011)	Approaches Adopted	Total Investment	Resource Mobilization
6	Ahmedabad	5577940	Retrofitting and Redevelopment 590 acre area: (515 acres) on both sides of the BRTS corridor in Wadaj slum area and redevelopment (75 acres) in order to provide compact and inclusive development.	The total project cost is of Rs. 2290 cr. comprising of Rs.1751 crore for area based development and Rs. 539 crore for Pan city solution	Financing through SCM grant, convergence and PPP, land based financing, increased FSI and rationalization of taxes and user charges including ULB's own sources.
7	Jabalpur	1055525	Retrofit cum Redevelopment of central business district with surrounding residential neighborhood (743 acres)	The total projected cost for Mission is Rs. 3998.5 crores including Rs. 3808.5 crores for area based plans and Rs 203.38 Cr. for Pan city solution.	Main sources of financing proposed are mainly through mission funds, convergence with other schemes and rest arranged through PPP and line of credit
8	Vishakhapatnam	1728128	Retrofitting of RK Beach area up to Waltair main road with a project area of 1650 acres. Key features of the proposal include vehicular traffic management, better open & public space management, and building resilient infrastructure	Total cost of Rs. 1742.87 cr (Rs.1601.87 for area based and Rs.141 cr for Pan city solution)	Sources from mission funds, convergence with centre and state schemes, public private participation are proposed for financing the smart city plans
9	Solapur	951558	Retrofitting core area (1040 acres) of the city with a focus to uphold the identity of the city and reflect its history	The total project cost of the proposal is Rs. 2247 Crores. The cost of area based development project is Rs 1968 Crores and cost of Pan city proposal is Rs 279 Crores.	Financing through funds available from convergence (Rs. 1028 cr); public private partnerships (Rs. 246 crores), Centre and State grants and city's own contribution through Property Taxes, Water Tax and user charges.
10	Davanagere	434971	Retrofit unplanned and congested inner core of the city (785 acres), to augment economic and historical precincts of the city.	The total cost of SCP is Rs 2283.49 crore consisting of ABD of Rs. 809.39 cr and Pan City solution of Rs.497.79 cr	Financing mainly through mission funds, convergence, PPP funding and city's own sources.
11	Indore	1964086	Retrofitting and redevelopment of Rajwada inner core city 742 Acre heritage area	The proposed estimated costs of Rs.5099.60 Cr, includes Rs. 4468.76 Cr for Retro-fitting-cum-Redevelopment and Rs. 388.00 Crs for Pan-City solutions.	The city proposes to meet the costs through grants, convergence, loans, land monetization and other revenue enhancements through strengthening internal sources including Smart City Cess on the ABD properties.

Rank	City	Population (2011)	Approaches Adopted	Total Investment	Resource Mobilization
12	New Delhi	257803	The New Delhi City Centre consisting of Connaught Place and surrounding areas of approx. 550 acres, has been selected for undertaking the retrofitting model of development underlying need to transform the area as a 'World Class Urban Area	The total project capital cost of the SCP is Rs.1897.27 Cr. (Area-based Rs. 669.1 Cr and Pan-city Rs.1,228.17 Cr.)	Financing through PPP (42%), convergence, own revenues and O&M with concessionaire
13	Coimbatore	1050721	Retrofit 925 acres with central idea to rejuvenate eight (8) lakes	The total project cost for developing Smart City is estimated at Rs. 1570 crore. Of this, Rs. 1427 crore pertains to the Area development proposal and Rs. 143 crore is for the pan city	Financing through mission funds, convergence, PPP, CSR, loans and own sources
14	Kakinada	312538	Retrofitting centrally located CBD area of 1375 acres comprising mix land use for converting it to be a smart area.	The estimated project cost for the Smart City Proposal is Rs. 1993.03 Cr comprising Rs. 1866.11 Cr for area based development and Rs. 126.92 Cr for Pan City Solutions	Financing through mission funds, PPP, corporate social responsibilities, loan from financial institutions, beneficiary contribution and own revenues of the local body.
15	Belgavi	488157	With a focus to decentralize the inner city area and create commercial corridor and new growth centres, it proposes to retrofit 10.78 sqkm (2663.8 acres) inner city area.	With an estimated cost of Rs. 3534.50 crores comprising Rs 1655.70 Cr. for area based and Rs.1878.8 cr. for Pan Solution.	Financed by a mix of Central and State Government Schemes, various line departments' projects, grants, public-private partnership and debt from either the markets or lenders including ULBs own contribution.
16	Udaipur	451100	Retrofit Walled city area of 828 acres	Total SCP is of Rs. 1526 cr. including Rs.1104 cr for area development and Rs.432 cr. for pan city solution.	The plan proposes to fund this proposal is from mission funds, convergence and borrowings, transfer from 14 th finance commission and own sources of ULB



Rank	City	Population (2011)	Approaches Adopted	Total Investment	Resource Mobilization
17	Guwahati	957352	Retrofitting of area of 696 acres by connecting riverfront with linear storm water drains and transform degraded water bodies into performing ecological landscapes and further into tourist attractions	The Total Capital Cost of Smart City Proposal (SCP) works out approx. Rs.2256 Crores including area based developments(ABD) cost approx Rs.1539 Crores, and Pan City Proposal (PCP) cost Rs.622 Crores	Proposes to finance through convergence with center and state schemes, loans, betterment charges, etc beside using mission funds.
18	Chennai	4646732	Retrofit prominent commercial hub (1717 acres) for area based development	The total cost of Chennai Smart City plan is INR 1,366.24 crore consisting of Rs. 877.93 crores for area based and Rs. 488.32 crores for Pan city solutions.	A sizeable portion of this fund requirement, will be raised through PPP and through Multilateral agencies / domestic Financial Institutions/ Infrastructure Funds/ Smart City Bonds / Banks
19	Ludhiana	1618879	Selected an area comprising of a mix of residential neighborhood (790 acres) for retrofitting	Total cost of Rs. 1049.28 including (Rs 891.75 crores for area based and Rs.157.53cr for Pan City solution).	Financing through mission funds, convergence and leveraging PPP
20	Bhopal	1798218	Redevelop an area to unlock the value of underutilized government land (350 acres) in the heart of the city.	The costs of Rs. 3440.9/- crore (Rs.2565.20 for ABD and Rs. 875.7 crores for Pan City	Main sources identified are through Pan city revenue, redevelopment revenue, grants and budget allocation and other revenue enhancement measures including exploring new revenue sources

Annexure-III

ANNEXURE-II REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.196 TO BE ANSWERED ON 24.02.2016 REGARDING "DRINKING WATER"

Details of Water Supply projects under North Eastern Region Urban Development Programme (NERUDP)

The Ministry of Urban Development (MoUD) is implementing the North Eastern Region Urban Development Programme (NERUDP) with the financial assistance from Asian Development Bank (ADB) covering capital cities of 5 North Eastern States viz. Agartala (Tripura), Aizawl (Mizoram), Gangtok (Sikkim), Kohima (Nagaland), and Shillong (Meghalaya) for Water Supply, Sewerage, and Solid Waste Management.

Projects received during 2014-15 and cleared in 2015-16 (Jan'2016)

Sl. No.	State	City	Projects	Funds sanctioned	Works undertaken
1	Mizoram	Aizawl	Water Supply	NIL (Works yet to commence)	Expected to commence by Apr'16
2	Tripura	Agartala	Water Supply		

Annexure-IV

ANNEXURE-II REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.196 TO BE ANSWERED ON 24.02.2016 REGARDING “DRINKING WATER”

Details of Water Supply projects under Urban Infrastructure Development in Satellite towns around seven mega cities (UIDSST) and 10% Lumpsum scheme

10% Lumpsum scheme for NE States (Fund released for water supply projects since 2014)

(Rs. in Lakh)

Name of the State	Name of the project	Year of sanction	Estimated amount	2014-15	2015-16 (as on 18.2.2016)
Mizoram	Renewal and augmentation of Greater Saiha water supply scheme, Mizoram	2010-11	2070.20	558.95	-
Arunachal Pradesh	1. Water supply scheme at Longding Township, AP	2010-11	2040.45	604.92	-
	2. Augmentation of water supply at Anini Township, AP	2013-14	1573.05	-	566.30
Manipur	Upgradation of Mayang water supply scheme, Manipur	2010-11	2319.21	-	626.19
Sikkim	Augmentation of water supply scheme of Sombaria, west Sikkim	2013-14	215.99	-	215.99
	Total			1163.87	1408.48