



S.No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
1	<b>Citizen participation</b>	A smart city constantly shapes and changes course of its strategies incorporating views of its citizen to bring maximum benefit for all. (Guideline 3.1.6)	The City begins identifies priorities and projects to pursue without consulting citizens.	City undertakes citizen participation with some select stakeholders. The findings are compiled and incorporated in some projects or programs. Very few major decisions are shared with citizens until final projects are unveiled.	City conducts citizen engagement at city level and local area level with most stakeholders and in most areas. The findings are compiled and incorporated in projects or programs.	City constantly conducts citizen engagement with people at each Ward level to incorporate their views, and these shape priorities and development projects in the city. Multiple means of communication and getting feedback such, both face-to-face and online are utilized. The effectiveness of city governance and service delivery is constantly enhanced on the basis of feedback from citizens.	<b>Scenario 2</b>	1. Under the E-Maas scheme of SAAP reform, citizen services such as registration of birth, death and marriage, grievances redressal, Property tax, e-procurement, Credit rating by CRISIL is in progress, Biometric attendance for site staff. 2. City services related to water, sewerage bill etc. Payment is absent. Total of 3246 citizens are registered on Corporation website. Out of the total registered 1166 complaints only 1 in not redressed, thus redressal system is effective and immediate. Only 5% citizens being on e-board of SMC will need improvement on this front.	<b>Scenario 3:</b> <ul style="list-style-type: none"> <li>The city aspires to receive valuable all-inclusive inputs &amp; feedback from its citizen to the maximum at various stages of the proposals and implementation.</li> <li>Use of on-line and off-line sources to achieve maximum outreach</li> <li>Incorporation of stakeholder inputs to strengthen each phase of planning &amp; implementation</li> </ul>	<ul style="list-style-type: none"> <li>Development of ICT based user friendly integrated platform named "SAHART" to provide all citizen services at single platform</li> <li>Citizen training programs to increase the usage of online based Smart solutions and services</li> <li>Web and mobile apps to deliver to increase two-way communication.</li> <li>e-kiosks at strategic locations.</li> <li>Help lines for constant and effective citizen participation.</li> <li>Citizen consultation sessions.</li> <li>Citizen awareness through physical &amp; e-media.</li> <li>Organizing activities such as awareness programs in school playgrounds, public places and along the river Paondhoi. Citizen talkshows on periodic basis.</li> </ul>
2	<b>Identity and culture</b>	A Smart City has a unique identity, which distinguishes it from all other cities, based on some key aspect: its location or climate; its leading industry, its cultural heritage, its local culture or cuisine, or other factors. This identity allows an easy answer to the question "why in this city and not somewhere else?" A Smart City celebrates and promotes its unique identity and culture. (Guideline 3.1.7)	There are few architectural monuments, symbols, and festivals that emphasize the unique character of the city. Built, natural and cultural heritage is not preserved and utilized or enhanced through physical, management and policy structures.	Historic and cultural resources are preserved and utilized to some extent but limited resources exist to manage and maintain the immediate surroundings of the heritage monuments. New buildings and areas are created without much thought to how they reflect the identity and culture of the city.	Historic and cultural heritage resources are preserved and utilized and their surroundings are well-maintained. Public spaces, public buildings and amenities reflect the cultural identity of the city.	Built, natural and intangible heritage are preserved and utilized as anchors of the city. Historical and cultural resources are enhanced through various mediums of expression. Public spaces, open spaces, amenities and public buildings reflect local identity and are widely used by the public through festivals, events and activities.	<b>Scenario 2</b>	The City has only one preserved site by ASI: Mound and Sahaspal ka Kila. Other Places like Old British Cemetery, Badshahi Bagh locally known as Badshahi Mahal, Khera ki Bandi, Khata Khedi are listed as important monuments in Saharanpur which are not preserved neither well maintained. The local craft and trade including wooden works and textile market are not well organized.	<b>Scenario 3:</b> <ul style="list-style-type: none"> <li>Enhance and promote the traditional trade of Wood Carving and rich agricultural based economy of the city to strengthen the economic base of the city.</li> <li>Rehabilitate &amp; preserve heritage structures in the city.</li> <li>Provision of facilities such as cultural hub with necessary public facilities for year-long calendar of cultural events.</li> </ul>	<ul style="list-style-type: none"> <li>Availability of necessary infrastructure and competitive technological tools.</li> <li>Common facility centers.</li> <li>Food processing unit.</li> <li>Organizing Expo in cultural hub.</li> <li>River cleaning and beautification work for Paondhoi river and organizing cultural activates around it.</li> </ul>



S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
3.	<b>Economy and employment</b>	A smart city has a robust and resilient economic base and growth strategy that creates large-scale employment and increases opportunities for the majority of its citizens. (Guideline 2.6 & 3.1.7 & 6.2)	There are some job opportunities in the city but they do not reach all sections of the population. There are a high number of jobs in the informal sector without sufficient facilities.	There is a range of job opportunities in the city for many sections of the population. The city attempts to integrate informal economic activities with formal parts of the city and its economy.	There are adequate job opportunities for all sections of society. But skill availability among residents can sometimes be a challenge.	There are adequate opportunities for jobs for all sections of income groups and skill levels. Job-oriented skill training supported by the city and by industry. Economic activities are suited to and build on locational and other advantages of the city.	<b>Scenario 2</b>	Major population of the city is involved in primary level jobs including farmers, workers, artisans, small entrepreneurs, small traders, vendors and shopkeepers. 32.9% (Urban + Rural) of the population is working as main and marginal worker out of which 16.7% are female and nearly 80% are marginal workers (Census 2011). Availability of cheap labor force makes the city industry friendly but on the other part labor force is unskilled.	<b>Scenario 3:</b> - Increase the workforce with highly skilled and dynamic workforce - Focus on improvement of traditional businesses to retain skilled workforce - Boost industrial activity for employment generation and economic strengthening.	- Composite Export promotion zone to be connected to proposed Amritsar-Howrah Freight Corridor. - Food Processing and Cold Storage Unit. - Strengthening Common Facility Center for Skill development, center, Incubation Center and providing modern tools for fast and cost effective production. - Wood Design Center cum Incubation centers and promotional activities with the help of EPCH to create business opportunity. - Commercial Complex development, Single window clearance system and trade facilitation for development of city's economy
4.	<b>Education</b>	A Smart City offers schooling and educational opportunities for all children in the city (Guideline 2.5.10)	The city provides very limited educational facilities for its residents. There are some schools but very limited compared to the demand. Many schools are in poor condition.	City provides adequate primary education facilities within easily reachable distance of 15 minutes walking for most residential areas of the city. The city also provides some secondary education facilities.	City provides adequate primary and secondary education facilities within easily reachable distance for most residential areas of the city. Education facilities are regularly assessed through - databases of schools including number of students, attendance, and teacher - student ratio, facilities available and other factors.	City provides adequate and high-quality education facilities within easily reachable distance of 10 minutes walking for all the residential areas of the city and provides multiple options of connecting with specialized teaching and multimedia enabled education. Education facilities are regularly assessed through database of schools including number of students, attendance, teacher-student ratio, facilities available and other factors.	<b>Scenario 2</b>	With 76% literacy rate, city's literacy rate is above the country's average literacy rate. Literacy rate for different sections is highly polarized with male literacy 77.3%, Female literacy 57.2% with situation worsening for the deprived sections of the society SC female (48.9) and ST females (43.7). 96% population of age group 6-14 has enrolled in primary and secondary schools out of which 100% female school aged children enrolled in school. The primary education student teacher ratio is 33:1 and only 9.35% schools have access to digital education.	<b>Scenario 3:</b> City aims to make high quality education available to all the residential zones within reach of all the classes of the society. Education facilities will be assessed regularly and achieve assistance to adopt advanced education facilities.	- Development of Smart classes for knowledge sharing and interactive education on the concept of E- Pathshala - Centralized admission process. - Consistent monitoring to ensure quality.



S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
5	Health	A Smart City provides access to healthcare for all its citizens. (Guideline 2.5.10)	Healthcare is difficult for citizens to access - demand for healthcare often exceeds hospitals' ability to meet citizen needs.	The city provides some access to healthcare for its residents but healthcare facilities are overburdened and far from many residents. Access to preventive health care is only easily available for some residents.	City provides adequate health facilities within easily reachable distance for all the residential areas and job centers of the city. It has an emergency response system that connects with ambulance services.	City provides adequate health facilities at easily accessible distance and individual health monitoring systems for elderly and vulnerable citizens which are directly connected to hospitals to prevent emergency health risks and to acquire specialized health advice with maximum convenience. The city is able to foresee likely potential diseases and develop response systems and preventive care.	Scenario 2	In 2015-16 a total of 68,951 emergency cases were reported and executed with in 19 min 50 secs. Total of 4.7% of patients suffered from water borne disease and 0.15% suffered from vector borne disease. Number of in-patient hospital beds per lakh population are 365.45. Total 548 beds in government hospitals.	Scenario 3: The medical facilities in the city should be easily accessible to all classes of the society. The city will provide basic information about healthcare remedies within reach of every citizen.	<ul style="list-style-type: none"> <li>Trauma/First Aid Centers.</li> <li>Emergency incidence management through CCTV Surveillance, Mobile clinic &amp; telemedicine facilities.</li> <li>Awareness through Smart City Management Portal.</li> <li>Basic remedies and healthcare information dissemination through SAHART app.</li> </ul>
6	Mixed use	A Smart City has different kinds of land uses in the same places; such as offices, housing, and shops, clustered together. (Guidelines 3.1.2 and 3.1.2)	The city has mostly separated uses and areas are focused either on residential, commercial, or industrial, with little co- existence of uses. The average resident cannot walk to the closest market or shops near his or her home. For almost everyone, going to work or going shopping for basic needs requires a journey by automobile or bus of more than 15 minutes. Land use regulations prevent putting commercial or office locations in residential neighborhoods and vice versa.	In some parts of the city, there is a mixture of land uses that would allow someone to live, work, and shop in close proximity. However, in most areas, there are only small retail stores with basic supplies near housing. Most residents must drive or use public transportation to access a shop for food and basic daily needs. Land use rules support segregating housing, retail, and office uses, but exceptions are made when requested.	Most parts of the city have housing, retail, and office buildings in close proximity. Some neighborhoods have light industrial uses within them (e.g., auto repair, craft production). Land use rules allow for mixed uses.	Every part of the city has a mix of uses. Everyone lives within a 15-minute trip of office buildings, markets and shops, and even some industrial uses. Land use rules require or encourage developers to incorporate a mixture of uses in their projects.	Scenario 2	City has no planned development of mixed land use parcels. The old city has clustered growth having residential and commercial buildings together. The transport connectivity is poor due to narrow roads and encroachment issues.	Scenario 3: Most parts of the city have housing, retail, and office buildings in close proximity. Some neighborhoods have light industrial uses within them (e.g., auto repair, craft production). Land use rules allow for mixed uses.	<ul style="list-style-type: none"> <li>Development of Commercial Complex at Old Bus Stand.</li> <li>Rejuvenation &amp; Development of Open Spaces, streetscaping, vending zones , Raen Basera for Urban Poor and Megaparks.</li> <li>Improvement of basic services in the old city area by the means of retrofitting of 500 acre. Development of Wood carving &amp; Mandi Samiti area which are the economic center of the city.</li> </ul>



S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
7	<b>Compact</b>	A Smart City encourages development to be compact and dense, where buildings are located close to one another and are ideally within a 10- minute walk of public transportation, forming concentrated neighborhoods. (Guidelines 2.3 and 5.2)	The city is expanding rapidly at its periphery into undeveloped land, rural or natural areas, or along industrial corridors - both formally and informally. Formal new development is occurring in a way that is "sprawling," meaning that the buildings spread across a wide area and are far from one another. Residents or tenants find it easier or safer to travel by automobile because it takes a long time to walk between destinations and there are busy roads separating buildings. Large pockets of land in the inner- city are vacant. New developments at the periphery tend to be large- scale residential developments, often enclosed with a gate and oriented to the automobile.	The city has one or two high density areas - such as the city center, or historic areas, where buildings are concentrated together and where people can walk easily from building to building and feel as though they are in center of activity. Most of the city consists of areas where buildings are spread out and difficult to walk between, sometimes with low-density per hectare. Regulations tend to favor buildings that are separated from one another, with lots of parking at the base and set-back from the streets. The city likely has some pockets of under- utilized land in the center. New formal developments at the periphery tend to be large-scale residential developments, often enclosed with a gate and oriented to the automobile.	The city has multiple high density clusters that are easy to walk around where buildings are close together. However, the city actively encourages development to occur on under- utilized parcels of land into high- density, walk able areas. When new formal large-scale development projects happen at the periphery, they are encouraged to be dense and compact, with buildings that are close together and line the streets. The city actively encourages or incentivizes re- development of under- utilized parcels in the inner- city, especially those located close to public transportation.	The city is highly compact and dense, making the most of land within the city. Buildings are clustered together, forming walk able and inviting activity centers and neighborhoods. Regulations encourage or incentivize re- development of under- utilized land parcels in the city center. Buildings are oriented to the street and parking is kept to a minimum, located below ground or at the back of buildings. Public transport and walking connects residences to most jobs and amenities. Residential density is at an optimal with affordable housing available in most areas.	<b>Scenario 2</b>	Haphazard and privately owned concentrated neighborhoods are prevalent but the connectivity is poor. Few patches of lands are vacant in built-up areas.	<b>Scenario 3</b> <b>The city has multiple high density clusters that are easy to walk around where buildings are close together. However, the city actively encourages development to occur on under-utilized parcels of land into high- density, walkable areas.</b>	<ul style="list-style-type: none"> <li>Development proposed in ABD area uses the under-utilized land parcels such as Mandi Samiti, and Nazul Lands within the ABD area.</li> <li>Open Space development along the river Paondhoi using the unused area will create healthy walkway.</li> </ul>
8	<b>Public open spaces</b>	A Smart City has sufficient and usable public open spaces, many of which are green, that promote exercise and outdoor recreation for all age groups. Public open spaces of a range of sizes are dispersed throughout the City so all citizens can have access. (Guidelines 3.1.4 & 6.2)	The city has very few usable public open spaces and very few usable green spaces. Available recreational spaces are located far away and are dispersed at long distances around the city. The few available public open spaces offer a limited variety of experiences for all sections of population and age groups such as places for sport, places for rest, and places for play.	A variety of public open spaces are available in some neighborhoods, but are not available in all the areas of the city or are located far away from residential areas. Many of the open spaces have access restrictions, or are not well-maintained. A variety of types of public open spaces may be lacking, such as natural areas, green areas, parks, plazas, or recreation areas.	Most areas of the city have some sort of public open space. There is some variety in the types of public spaces in the city. However, public spaces are sometimes not within easy reach or access of more vulnerable populations and are more restricted in poorer neighborhoods.	Public open spaces are well dispersed throughout the city. Every residential area and work space has access to open space within 10 minutes walking distance. Open spaces are of various types - natural, green, plazas, parks, or recreation areas - which serve various sections of people. Public spaces tend to truly reflect the natural and cultural identity of the city.	<b>Scenario 2</b>	City with open space of 2.90 sq.mt/person and 0.88 sq. mt/person open space in built up area fails to achieve the minimum open space requirement as per URDPFI. There are 129 parks and one botanical gardens but still the green area percentage is less than 1% of the total area of the city. However, the existing parks are well equipped with new infrastructure facility encouraging physical activities.	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>Development of Megapark which will provide new identity to Saharanpur.</li> <li>Development of open spaces, parks and Revitalization of River Paondhoi to increase open space in ABD area.</li> <li>Development of Jubilee Parks and Gandhi Udhyan Park with child &amp; Old age friendly features.</li> </ul>
9	<b>Housing and inclusiveness</b>	A Smart City has sufficient housing for all income groups and promotes integration among social groups. (Guidelines 3.1.2)	Housing is very limited and highly segregated across income levels. Population growth far exceeds the creation of new housing. The poor live in informal settlements with limited to no access to basic services, and are concentrated in a few areas. The wealthy live in separate enclaves. Those in the middle have few, if any options.	Housing is available at most income levels but is highly segregated across income levels. Population growth slightly exceeds the creation of new housing. The wealthy and the middle class have housing that meets their needs at costs appropriate to their income. The poor live in informal settlements.	Housing is available at all income levels, but is segregated across income levels. The growth of supply of housing almost meets the rate of population growth. Increasingly, lower and middle- income people can find housing in areas that are conveniently located.	A wide range of a housing is available at all cost levels. The supply of housing is growing at pace with population. Affordable, moderate, and luxury housing are found clustered together in many areas of the city	<b>Scenario 2</b>	The slum population is 35% with nearly 30000 families living in slums. The adequate change as per census 2011, 432 homeless were living in city with respect to the total population of 7,05,478 (2011, census) SMC has constructed permanent night shelters near railway station. It also provides temporary night shelters with wood for fire during winter season for houseless.	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>Redevelopment of Night Shelter to accommodate more houseless in existing night shelter.</li> <li>Provision of Raen-Basera at Delhi Bus Stand &amp; Government Hospital.</li> <li>Development of Old Age home for housing services to old age citizens.</li> </ul>



S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
10	Transport	A Smart City does not require an automobile to get around; distances are short, buildings are accessible from the sidewalk, and transit options are plentiful and attractive to people of all income levels. (Guidelines 3.1.5 & 6.2)	Personal automobile centric city with very few modal options. Long trip lengths for daily commute to work and education. Accessing various areas by walking or cycling is difficult. Women and vulnerable sections find it very difficult to move independently in the city. There is limited public transport. Vehicles cause high air and noise pollution levels in the city. Vehicles dominate public spaces and affect their effective functioning.	The street network system is elaborate but public transport choices are restricted. Public transport can be too expensive or unaffordable for the poor. Pedestrian infrastructure is only available in select areas. The majority of investments focus on reducing traffic congestion through the creation of more roads.	Network of streets are fairly complete. Public transport covers most areas of the city. However last mile connectivity remains incomplete and affects transport options. Foot paths are accessible in most areas, whereas concerns of safe crossings and security throughout the day remain. Parking zones are demarcated but absence of pricing increases over utilization of parking lots.	Street network is complete and follows a clear structure. Public transportation network covers the entire city and intensity of connection relates with the demand. Plenty of options of public transport are available and affordable for all sections of the society. There is multi-modal integration at all mass transit stations and organized-priced on street and off street parking. Walking and cycling is prevalent.	Scenario 1	City majorly relies on e-rickshaw for transportation with the registration of new rickshaws doubling by the end of January 2017. No mode of public transportation in the city. There is only 1700 meter of cycle track from cloak tower to Ambala cant road which is incomplete. Lack of traffic management has generated safety issues for the vulnerable road users.	Scenario 3	<ul style="list-style-type: none"> <li>Development of junction geometries to include pedestrian and bicyclist safety.</li> <li>Development of internal roads of 35 Km with provision of NMT infrastructures.</li> <li>Development of Pedestrian Track (30 km) along major roads such as Chilkana Road, Abdul Salam Road, Gote Shah Road.</li> <li>Regulation of IPT modes to increase Level of Service of existing roads.</li> <li>Installation of Red Light Violation Cameras for traffic management on Blackspot Junctions in ABD Area.</li> </ul>
11	Walkable	A Smart City's roads are designed equally for pedestrians, cyclists and vehicles; and road safety and sidewalks are paramount to street design. Traffic signals are sufficient and traffic rules are enforced. Shops, restaurants, building entrances and trees line the sidewalk to encourage walking and there is ample lighting so the pedestrian feels safe day and night. (Guidelines 3.1.3 & 6.2)	The city is designed mainly for the automobile. Daily life without a car requires long bus rides. Walking is difficult and often dangerous; there are few pavements, existing pavements need repair and lack trees to provide shade for pedestrians, and marked pedestrian crossings are rare. New buildings have their main entrances set-back from the street, sometimes with large driveways or parking lots separating them from the street, and sometimes are enclosed by gates. Traffic signals are often disobeyed.	Older areas of the city see a mix of pedestrians, cyclists, and vehicles but newer areas are focused mainly on the automobile. In the new areas, there are few pavements and main entrances to new buildings are not accessible from the front of the street. Large driveways or parking lots often separating them from the street, and sometimes are enclosed by gates. In these areas, traffic signals are disobeyed.	The city has a good network of pavements and bike lanes. Buildings in most areas of the city are easily accessible from the pavement. However, traffic signals are sometimes disobeyed and it can feel difficult to cross the street.	The city is highly walkable. Pavements exist on every street and are maintained. Trees line many sidewalks to provide shade for pedestrians. Buildings in most areas of the city are easily accessible from the sidewalk. Traffic signals control the flow of automobiles and are enforced. A network of bike lanes exists to promote cycling as a means of transport. Traffic rules are followed and enforced with great seriousness.	Scenario 1	City completely relies on different transportation mode for communication with major mode being E-rickshaws and private vehicles. Lack of footpath, pedestrian crossing and organized traffic management add to the problem. Encroachments on the road side, unavailability of parking lots, violation of building bye laws, anticipatory roads plans of width less than 6 meters and un signalized road junctions propagate the concern.	Scenario 3	<ul style="list-style-type: none"> <li>Addition of 15 km pedestrian track in ABD to provide space for vulnerable road users and promote walkability.</li> <li>Development of 35 km of internal roads with trees for shade along river Paondhoi and East West Drain passing through ABD area.</li> <li>Marked Pedestrian Crossings, Pelican crossings.</li> <li>Promoting Walkability through pedestrianization of Market areas such as Cloth and ready-made garments, Jewell, Dal bazaar, Bartan (utensils), Wholesale Stationery, Halwai Hatta, Pansari and Wooden Artefacts, Furniture and Nakkashi.</li> </ul>
12	IT connectivity	A Smart City has a robust internet network allowing high-speed connections to all offices and dwellings as desired. (Guideline 6.2)	City has no major plans to bring increased high speed internet connectivity to the public.	The city has made plans to provide high speed internet connectivity through the existing framework.	The city makes has high speed internet connectivity available in most parts of the city.	The city offers free wifi services to provide opportunity for all the citizens to connect with high speed internet across the city.	Scenario 2	SMC is having association with Reliance Jio for its campus as dedicated wi-fi zones and 2 crowded areas in the city possess wi-fi services and further planning to expand to more areas in the city.	Scenario 3	<ul style="list-style-type: none"> <li>ABD proposal includes provision of public Wi-Fi hotspots at strategic locations such as Ghanta Ghar Chowk, Qutubsher chowk. Nukkud Chowk. Anaaz Mandi Chowk and along River Paondhoi.</li> <li>Laying of Optical Fiber Network across the city to enhance seamless connectivity.</li> </ul>



S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
13	<b>ICT-enabled government services</b>	A Smart City enables easy interaction (including through online and telephone services) with its citizens, eliminating delays and frustrations in interactions with government. (Guidelines 2.4.7 & 3.1.6 & 5.1.4 & 6.2)	Essential Government services are not linked with online platforms. Paper intensive interactions with the local Government continues. Receiving services and response to citizen complaints take a long time. There is limited availability of data to monitor service delivery.	Some of the public services are provided online and infrastructure for total digitalization is not in place. Service delays occur regularly in some sectors. Responses to citizen inquiries or complaints are often delayed. No integration between services and billing.	Most of the services are provided online and offline. Data transparency helps monitoring. Systems and processes to better coordinate between various government agencies are being developed.	All major services are provided through online and offline platforms. Citizens and officials can access information on accounting and monitor status of projects and programs through data available on online system. Robust data infrastructure system shares information and enhances internal governmental coordination.	<b>Scenario 2</b>	E-nagarseva facilities. SMC provides few online services accessible through its website <a href="http://saharanpurnagarnigam.in">http://saharanpurnagarnigam.in</a> such as property tax deposition, forms for water connection, grievance registration. Toll free numbers are also available on website: 1800-180-5432, 1800-180-3316. Online customer Complaint systems. <a href="http://jansunwai.up.nic.in/">http://jansunwai.up.nic.in/</a>	<b>Scenario 4</b>	<ul style="list-style-type: none"> <li>SAHART Governance Management System and SAHART dedicated mobile app for provision of government services at easy reach of Citizens</li> <li>Digitization of departmental data to facilitate Data transparency.</li> <li>Creation and open standards database for easier integration and interoperability.</li> <li>Use of analytics for dissemination of information and help city officials to take appropriate decisions.</li> </ul>
14	<b>Energy supply</b>	A Smart City has reliable, 24/7 electricity supply with no delays in requested hookups. (Guideline 2.4)	There is only intermittent electricity supply with regular power shedding. Many residents have to plan their days around when power is available.	Electricity supply and loads are managed as per demand and priority for various functions with clear scheduling, with electricity being available in many areas for most hours of the day.	Electricity is available in most parts of the city for most hours of the day but some areas are not so well-served. Smart metering exists in some parts of the city but not all.	Electricity is available 24 x 7 in all parts of the city with smart metering linked to online platforms for monitoring and transparency.	<b>Scenario 2</b>	The average electric supply is for 23.5 hours a day. 23 km of electric cable (11 KV and 33 KV) are laid underground. 18 no 33 KV and 85 nos 11 KV switch gear have been replaced with SCADA compatible switch gears (incoming and outgoing). Capacities of 63 power distribution transformers have been enhanced and work is in progress.	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>Installation of Smart Meters to reduce thefts and increase efficiency in the system.</li> <li>Use of renewable energy source such as Solar Energy through installation of Solar Roof-tops on institutional buildings.</li> <li>Waste to energy/compost and Bio-gas plant.</li> </ul>
15	<b>Energy source</b>	A Smart City has at least 10% of its electricity generated by renewable. (Guideline 6.2)	The city does not have any renewable sources of energy and there is no commitment to promote this for the foreseeable future.	The city is preparing plans for ensuring that it gets more energy from renewable sources and is in the process of making commitments in this regard.	Some energy consumed is the city is produced through renewable sources. There are long term targets for higher renewable energy capacities and the city is making plans to achieve these.	At least 10% of the energy used in the city is generated through renewable sources. The city is undertaking long-term strategic projects to tap renewable sources of energy in its region/beyond to increase the percentage of renewable energy sources.	<b>Scenario 2</b>	UP-NEDA generates 1000 watt of electricity yearly through various solar initiative with total expenditure of Rs. 56 Lakhs in year 2016-17	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>The proposal ensures that the new developments and existing institutional buildings such as Inter Colleges and Mandi Samiti will contribute to 12.1% of the energy demands of the ABD area with solar energy. This is to be replicated throughout the city in years to come.</li> <li>New Policy in effect, encourages residents to install solar rooftops by mean of providing 30% subsidy to residential households.</li> </ul>

S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
16	Water supply	A Smart City has a reliable, 24/7 supply of water that meets national and global health standards. (Guidelines 2.4 & 6.2)	The city has a poor water supply system with limited water availability. There are no clear targets to achieve higher quality and optimal quantity standards. Unaccounted water loss is above 40%	The city has intermittent water supply and availability. However it is setting targets and processes in place to try to improve its water supply. Unaccounted water loss is less than 30%.	The city has 24 x 7 water supply in most areas but the quality of water does not meet international health standards. Unaccounted water loss is less than 20%.	The city has 24 x 7 treated water supply which follows national and global standards and also available in sufficient quantity and affordable across all sections of the society. Unaccounted loss less than 15%.	Scenario 2	City has four zones based on water distribution and depends entirely on ground water. Total of 447 km of distribution of water supply distribution line is laid in the city. 32% of the households in the city get tap water supply. Per Capita supply of water is 134 LPCD. 25.77% of the water is non-revenue water, quality of water is 99.80 % , Cost recovery in water supply services is 37.45% and efficiency in collection of water supply related charges is 37.45%.	Scenario 3	<ul style="list-style-type: none"> <li>Smart metering to tap unaccounted loss bringing it down to less than 20%.</li> <li>Use of treated water from STP in industries such as ITC and Star Paper Mill.</li> <li>Capacity augmentation of existing water supply network and SCADA based monitoring.</li> </ul>
17	Water management	A Smart City has advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage storm water runoff. (Guideline 6.2)	The city does not measure all its supply. It does not recycle waste water to meet its requirements and rain water harvesting is not prevalent. Flooding often occurs due to storm water run-off.	The city has meters for all its water supply but lacks mechanisms to monitor. Water wastage is very high. Some, but not much, rainwater harvesting exists.	The gas meters for all its water supply with some smart mechanisms to monitor. Rainwater harvesting systems are installed and storm water is collected and stored in water bodies. However, recycling of waste water and reuse of storm water is limited.	The city has meters for all its water supply. It includes smart mechanisms to monitor remotely. Rainwater harvesting systems are installed and utilized through the city and storm water is collected and stored in water bodies and treated for usage. Recycled waste water is supplied for secondary uses.	Scenario 1	There is no accounting for water produced, water supplied or wasted. No metering for water connection, absence of separate waste water treatment plant and storm drainage network. Rain water harvesting is not a prevalent concept in the city. Treated water from existing STP of 38 MLD is discharged in Dhamola River.	Scenario	<ul style="list-style-type: none"> <li>Installation of Rain Water Harvesting system for recharging of ground water-</li> <li>SCADA based monitoring to keep a tap on unaccounted for Water.</li> <li>Reuse of treated water by existing ITC Cigarette Factory and Star Paper Mill.</li> </ul>
18	Waste water management	A Smart City treats all of its sewage to prevent the polluting of water bodies and aquifers. (Guideline 2.4)	The city is unable to treat all its sewage. Many local sewer lines open on to water bodies and open ground and pollute the environment.	Most waste water is collected and treated before disposal. However the treated water does not meet standards and is not recycled for secondary uses.	All the waste water is collected and treated before disposal. It is also treated to a high standard and some is recycled.	The city has zero waste water because all the waste water is collected, treated and recycled. It meets standards and reduces the need for fresh water.	Scenario 1	Coverage of sewerage network services is 18.65 %, Efficiency of collection of sewerage collection is 38% and the treatment plants are 38% efficient	Scenario 3	<ul style="list-style-type: none"> <li>Setting up of STPs (84 MLD) for waste water treatment.</li> <li>Waste water recycling: reduction of water supply demand by providing recycled water for informal usage.</li> </ul>
19	Air quality	A Smart City has air quality that always meets international safety standards. (Guideline 2.4.8)	City does not have plans, policies or programs to improve the air quality. Systems to monitor air quality are absent.	City has programs and projects to monitor air quality and spatializing the data to ascertain reasons	City has programs and projects to monitor air quality and spatializing the data to ascertain reasons	The city has clean air by international standards. Live Air quality monitoring cover the entire city and data of air quality are mapped.	Scenario 2	City has administered ambient noise and air quality monitoring stations at four and two locations respectively. Air pollution level is low with a score of	Scenario 3	<ul style="list-style-type: none"> <li>Promotion of Walkability and NMT.</li> <li>Increase in green and open spaces.</li> <li>Continuous monitoring and control of Pollution level.</li> </ul>

S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
16	Water supply	A Smart City has a reliable, 24/7 supply of water that meets national and global health standards. (Guidelines 2.4 & 6.2)	The city has a poor water supply system with limited water availability. There are no clear targets to achieve higher quality and optimal quantity standards. Unaccounted water loss is above 40%	The city has intermittent water supply and availability. However it is setting targets and processes in place to try to improve its water supply. Unaccounted water loss is less than 30%.	The city has 24 x 7 water supply in most areas but the quality of water does not meet international health standards. Unaccounted water loss is less than 20%.	The city has 24 x 7 treated water supply which follows national and global standards and also available in sufficient quantity and affordable across all sections of the society. Unaccounted loss less than 15%.	Scenario 2	City has four zones based on water distribution and depends entirely on ground water. Total of 447 km of distribution of water supply distribution line is laid in the city. 32% of the households in the city get tap water supply. Per Capita supply of water is 134 LPCD. 25.77% of the water is non-revenue water, quality of water is 99.80 % , Cost recovery in water supply services is 37.45% and efficiency in collection of water supply related charges is 37.45%.	Scenario 3	<ul style="list-style-type: none"> <li>Smart metering to tap unaccounted loss bringing it down to less than 20%.</li> <li>Use of treated water from STP in industries such as ITC and Star Paper Mill.</li> <li>Capacity augmentation of existing water supply network and SCADA based monitoring.</li> </ul>
17	Water management	A Smart City has advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage storm water runoff. (Guideline 6.2)	The city does not measure all its supply. It does not recycle waste water to meet its requirements and rain water harvesting is not prevalent. Flooding often occurs due to storm water run-off.	The city has meters for all its water supply but lacks mechanisms to monitor. Water wastage is very high. Some, but not much, rainwater harvesting exists.	The gas meters for all its water supply with some smart mechanisms to monitor. Rainwater harvesting systems are installed and storm water is collected and stored in water bodies. However, recycling of waste water and reuse of storm water is limited.	The city has meters for all its water supply. It includes smart mechanisms to monitor remotely. Rainwater harvesting systems are installed and utilized through the city and storm water is collected and stored in water bodies and treated for usage. Recycled waste water is supplied for secondary uses.	Scenario 1	There is no accounting for water produced, water supplied or wasted. No metering for water connection, absence of separate waste water treatment plant and storm drainage network. Rain water harvesting is not a prevalent concept in the city. Treated water from existing STP of 38 MLD is discharged in Dhamola River.	Scenario 3	<ul style="list-style-type: none"> <li>Installation of Rain Water Harvesting system for recharging of ground water-</li> <li>SCADA based monitoring to keep a tap on unaccounted for Water.</li> <li>Reuse of treated water by existing ITC Cigarette Factory and Star Paper Mill.</li> </ul>
18	Waste water management	A Smart City treats all of its sewage to prevent the polluting of water bodies and aquifers. (Guideline 2.4)	The city is unable to treat all its sewage. Many local sewer lines open on to water bodies and open ground and pollute the environment.	Most waste water is collected and treated before disposal. However the treated water does not meet standards and is not recycled for secondary uses.	All the waste water is collected and treated before disposal. It is also treated to a high standard and some is recycled.	The city has zero waste water because all the waste water is collected, treated and recycled. It meets standards and reduces the need for fresh water.	Scenario 1	Coverage of sewerage network services is 18.65 %, Efficiency of collection of sewerage collection is 38% and the treatment plants are 38% efficient	Scenario 3	<ul style="list-style-type: none"> <li>Setting up of STPs (84 MLD) for waste water treatment.</li> <li>Waste water recycling: reduction of water supply demand by providing recycled water for informal usage.</li> </ul>
19	Air quality	A Smart City has air quality that always meets international safety standards. (Guideline 2.4.8)	City does not have plans, policies or programs to improve the air quality. Systems to monitor air quality are absent.	City has programs and projects to monitor air quality and spatializing the data to ascertain reasons	City has programs and projects to monitor air quality and spatializing the data to ascertain reasons	The city has clean air by international standards. Live Air quality monitoring cover the entire city and data of air quality are mapped.	Scenario 2	City has administered ambient noise and air quality monitoring stations at four and two locations respectively. Air pollution level is low with a score of	Scenario 3	<ul style="list-style-type: none"> <li>Promotion of Walkability and NMT.</li> <li>Increase in green and open spaces.</li> <li>Continuous monitoring and control of Pollution level.</li> </ul>





S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
20	<b>Energy efficiency</b>	A Smart City government uses state-of-the-art energy efficiency practices in buildings, street lights, and transit systems. (Guideline 6.2)	City has no programs or controls or incentive mechanisms to promote or support energy efficiency in buildings	The city promotes energy efficiency and some new buildings install energy efficiency systems that track and monitor energy use and savings.	Most new public buildings install energy efficiency systems and some older buildings are also retrofitted to be more energy efficient. Local government conducts counseling and outreach with developer, businesses and residents to adopt energy efficiency strategies	All the existing old and new public buildings employ energy efficiency principles in development and operation and apply for energy rating by national and international forums. Many non-public buildings are also energy efficient because the government promotes energy efficiency through incentives and regulations.	<b>Scenario 2</b>	City promotes energy efficiencies by incorporating solar roofing in public offices, private buildings, parks. LED street lights are used for few patches of roads. Monitoring for energy usage and savings need to be improved as standards.	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>All new developments in ABD area to be energy efficient</li> <li>Existing institutions (15) in ABD area to install Solar Rooftops.</li> <li>Installation of Solar LED Street lights all over the city.</li> </ul>
21	<b>Underground electric wiring</b>	A Smart City has an underground electric wiring system to reduce blackouts due to storms and eliminate unsightliness. (Guideline 6.2)	City does not have plans for underground electric wiring system.	More than 40% of the city has underground electric wiring system.	More than 75% of the city has underground electric wiring system.	More than 90% of the city has underground electric wiring system.	<b>Scenario 2</b>	23 km of electric cable (11 KV (21 km) and 33 KV (2 km)) are laid underground & work is still in progress. All 11 KV and 33 KV incoming and outgoing switchgears are being replaced with SCADA compliant switchgears.	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>ABD area is being covered under underground wiring by PVVNL.</li> <li>All switchgears are also being replaced with SCADA compliant switchgears.</li> <li>SCADA based monitoring of the same will ensure 24x7 power supply and reduction in power theft.</li> </ul>
22	<b>Sanitation</b>	A Smart City has no open defecation, and a full supply of toilets based on the population. (Guidelines 2.4.3 & 6.2)	Many parts of the city do not have access to sanitation infrastructure and facilities.	Sanitation facilities are available to 70% of the city's population.	Sanitation facilities are available to 90% of the city's population.	Sanitation facilities are available to 100% of the city's population.	<b>Scenario 2</b>	<ul style="list-style-type: none"> <li>80% of the population (Individual or community) has coverage of latrines.</li> <li>18 community toilet, with total of 126 latrine seats.</li> <li>24 public toilets.</li> </ul>	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>Provision of Public Toilets in ABD Area along Paondhoi river.</li> <li>100% coverage of Sewerage Network at Pan City Level.</li> </ul>



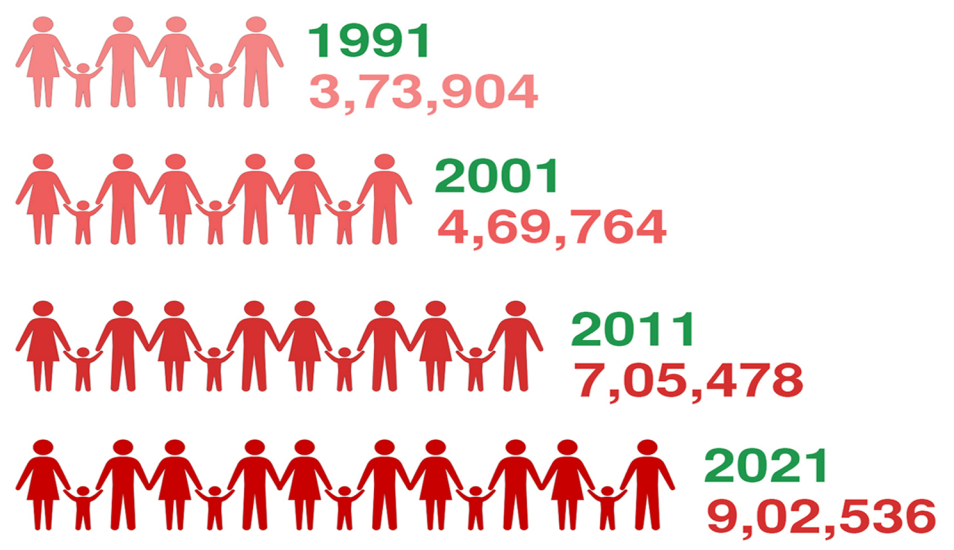
S. No	Feature	Definition	Scenario 1 (BASE)	Scenario 2	Scenario 3	Scenario 4 (ADVANCED)	Self-assessment for the full city with regard to each feature	Basis for assessment and/or quantitative indicator (Optional - only if data exists)	Projection of 'where the city wants to be' with regard to the feature/indicator based on the city vision and strategic blueprint	Input/Initiative that would move the city from its current status to Advanced status (Scenario 4: Column G)
23	<b>Waste management</b>	A Smart City has a waste management system that removes household and commercial garbage, and disposes of it in an environmentally and economically sound manner. (Guidelines 2.4.3 & 6.2)	Waste collection systems do not pick up waste on a frequent basis and waste often enters into water bodies.	Waste generated is usually collected but not segregated. Recycling is attempted by difficult to implement.	Waste is segregated, collected, recycled and disposed in an environmentally sound manner.	The city reduces land fill caused by waste so that it is minimal. All the solid waste generated is segregated at source and sent for recycling. Organic waste is sent for composting to be used for gardening in the city. Energy creation through waste is considered.	<b>Scenario 2</b>	<ul style="list-style-type: none"> <li>272 MT of Solid waste is collected daily.</li> <li>265 gms of SW are generated per capita per day.</li> <li>15 TPD waste is processed</li> <li>No segregation</li> <li>Compost pit maintained by ITC</li> <li>Total 36 wards (25,393 house, 790 institutional/commercial buildings)</li> <li>NGO intervention by Samarpan Welfare Society, Swadesh Sewa Sansthan and Umang partially supported by ITC.</li> <li>0.72 Ha land used for processing waste</li> <li>SMC is in process of identifying land parcel for Waste to compost plant/landfill site.</li> <li>660 permanent and 737 temporary employees for cleaning, collection and waste disposal</li> <li>103 no, 1.1 cum refuse collector</li> <li>Dumper Pressure, 4.5 cum, 70 no</li> </ul>	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>Promotion of waste segregation at source.</li> <li>100% waste collection, transportation and recycling at Pan City Level. Using smart solutions of GPS and RFID BINS</li> <li>Waste to Compost &amp; Plastic processing plant.</li> <li>Bio Gas Plant at 2 locations</li> </ul>
24	<b>Safety and security</b>	A Smart City has high levels of public safety, especially focused on women, children and the elderly; men and women of all ages feel safe on the streets at all hours. (Guideline 6.2)	The city has low levels of public safety - most groups of residents feel insecure during most parts of the day in many parts of the city.	The city has medium levels of public safety - some more vulnerable groups feel insecure during some points of the day and in some parts of the city	The city has high levels of public safety - all citizens including women, children and the elderly feel secure in most parts of the city during most time in the day.	The city has very high levels of public safety - all residents feel safe in all parts of the city during all hours of the day.	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>High level of public safety during all hours of day as well as night.</li> <li>34 Junctions are being monitored through CCTV surveillance at Police CCR in Police Line.</li> <li>UP 100 service has reduced the response time to 15-20 in Urban areas.</li> </ul>	<b>Scenario 3</b>	<ul style="list-style-type: none"> <li>100% coverage of CCTV surveillance system..</li> <li>Increased safety for road users due to use of pedestrian infrastructure, zebra and pelican crossing.</li> </ul>

# CITY PROFILE

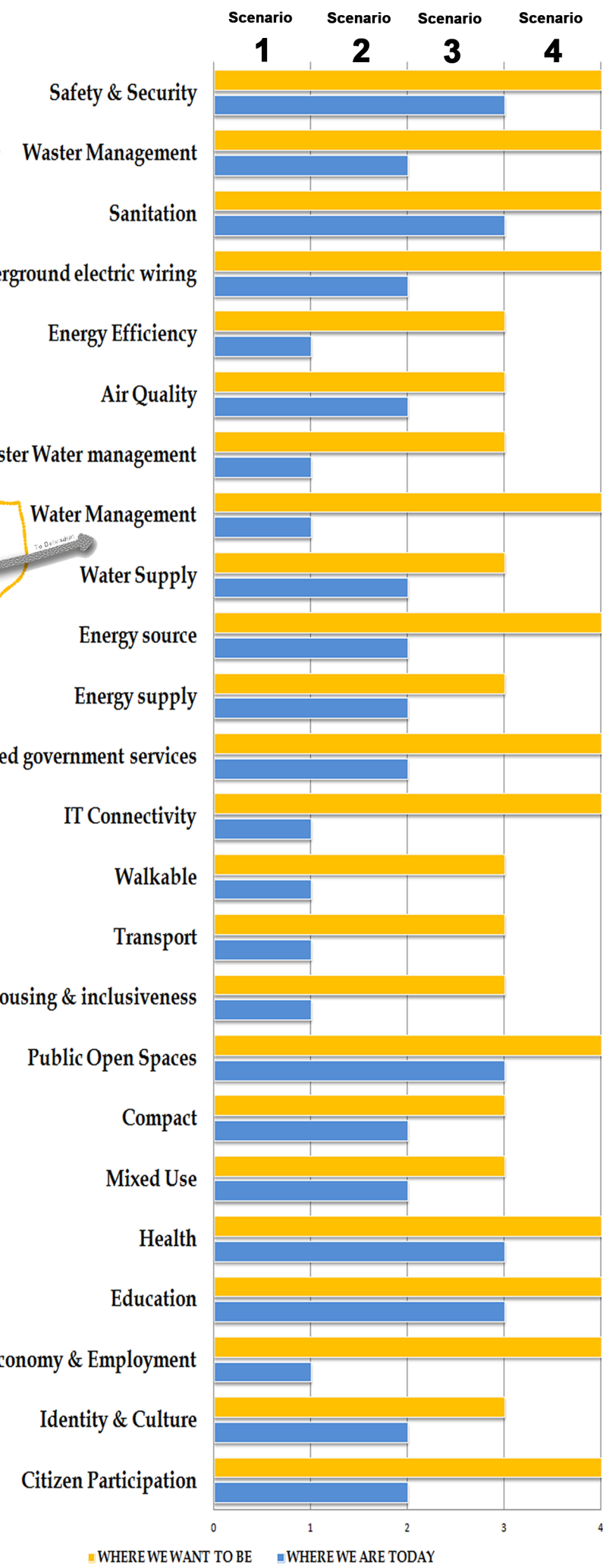
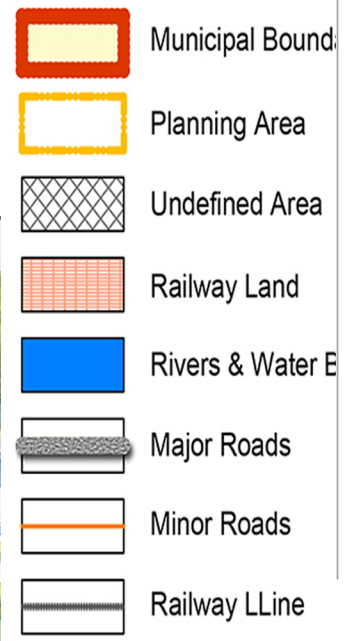
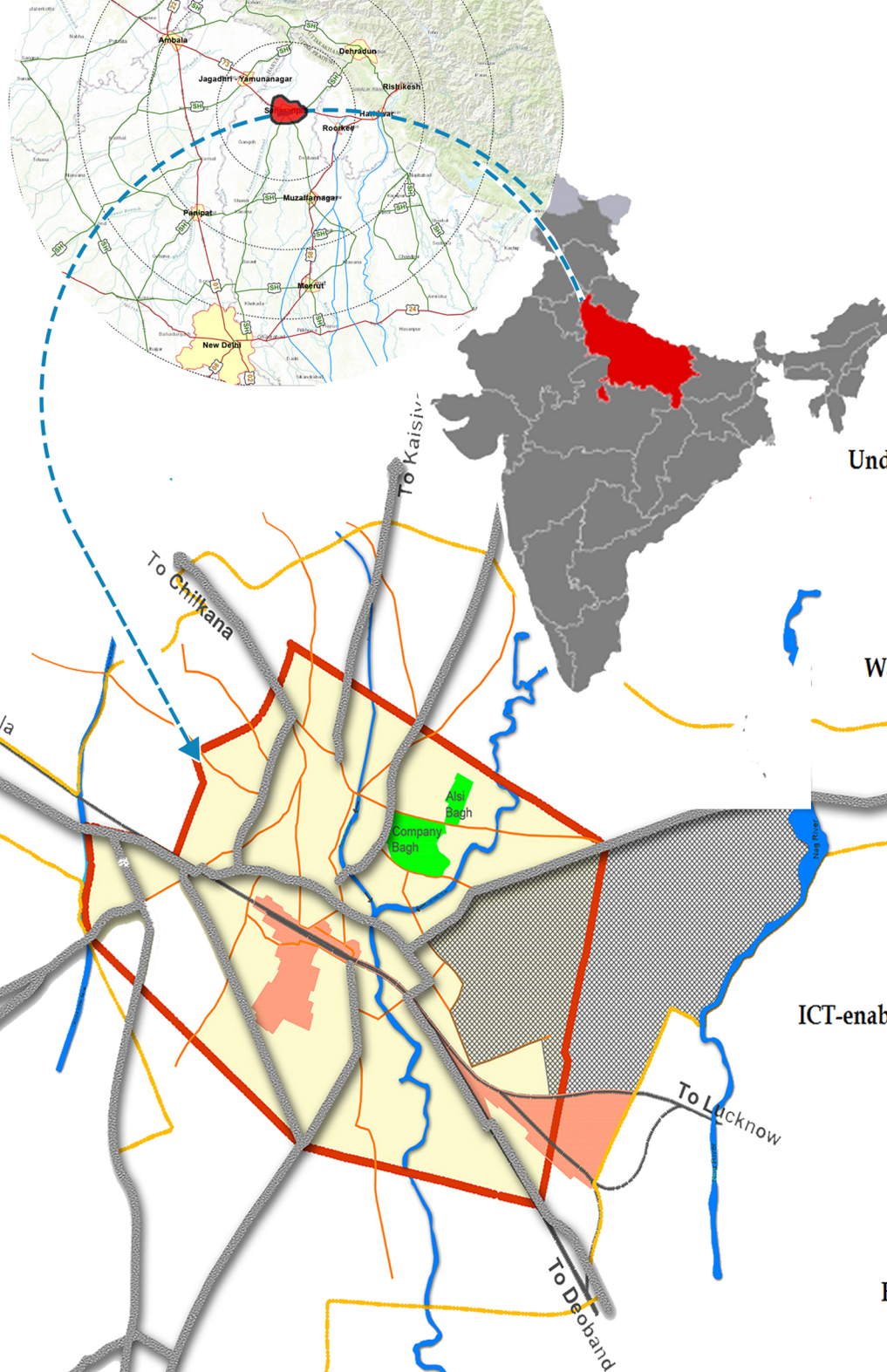
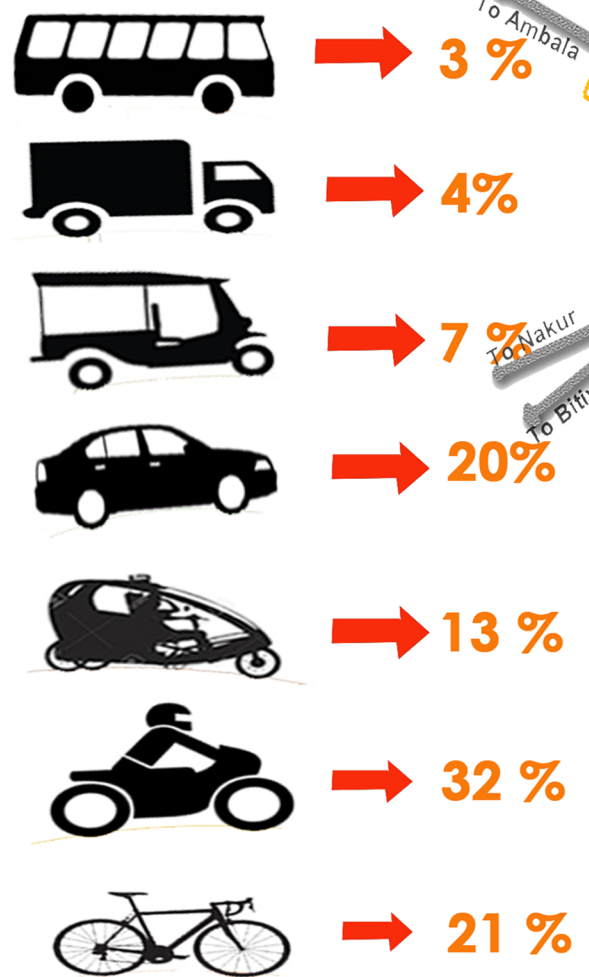
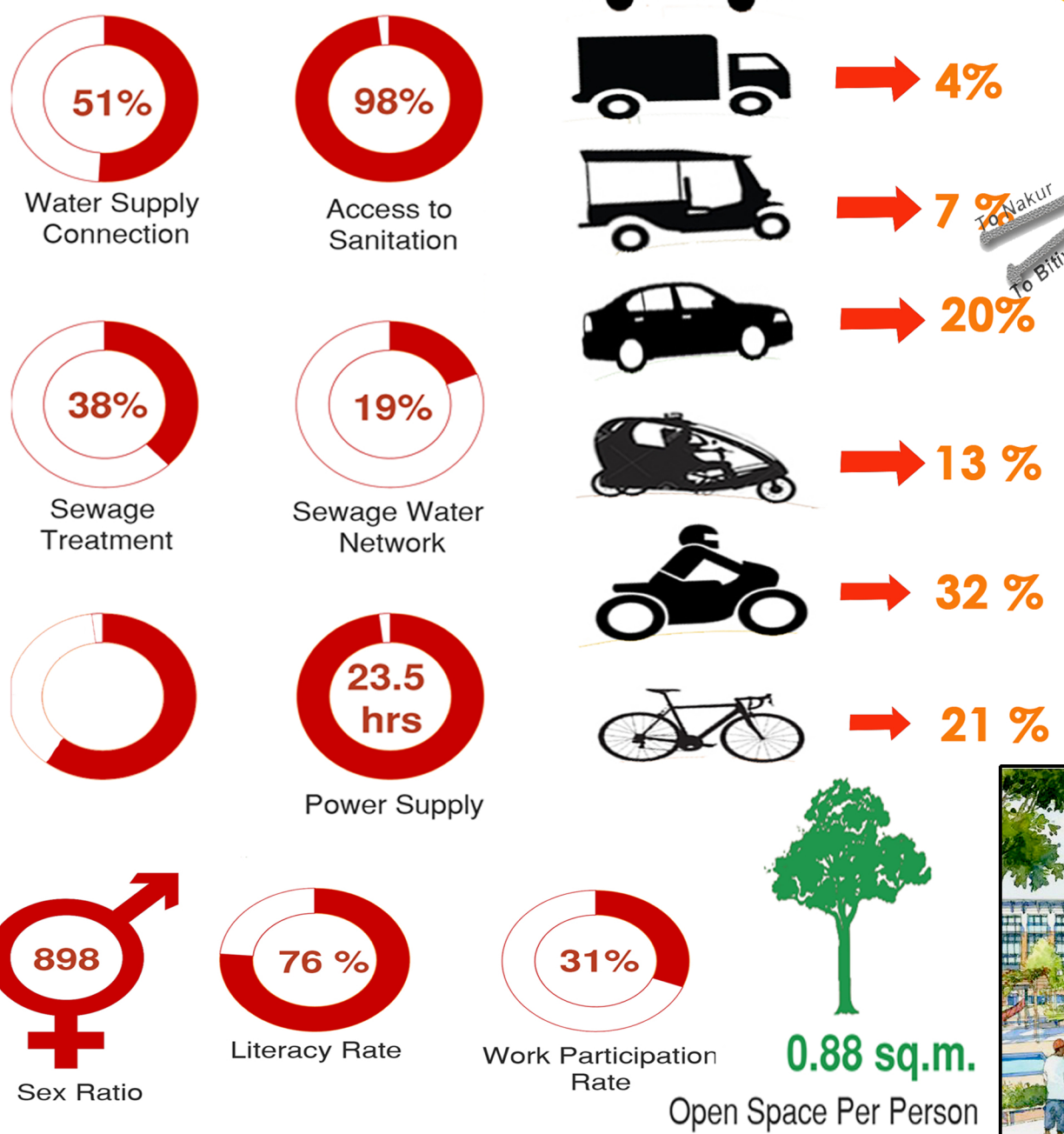
## SAHARANPUR - THE SMART CITY



### POPULATION GROWTH



### INFRASTRUCTURE



# 1 AREA PROFILE

SAHARANPUR - THE SMART CITY

ACCESSIBILITY

EXISTING LAND USE



AREA  
1,260 Acres



POPULATION  
1,59,000



HOUSEHOLD  
29,440



AVERAGE HOUSEHOLD SIZE  
5 PERSONS



MAJOR ROAD NETWORK  
65 Kms



AVERAGE POPULATION DENSITY  
312 pph



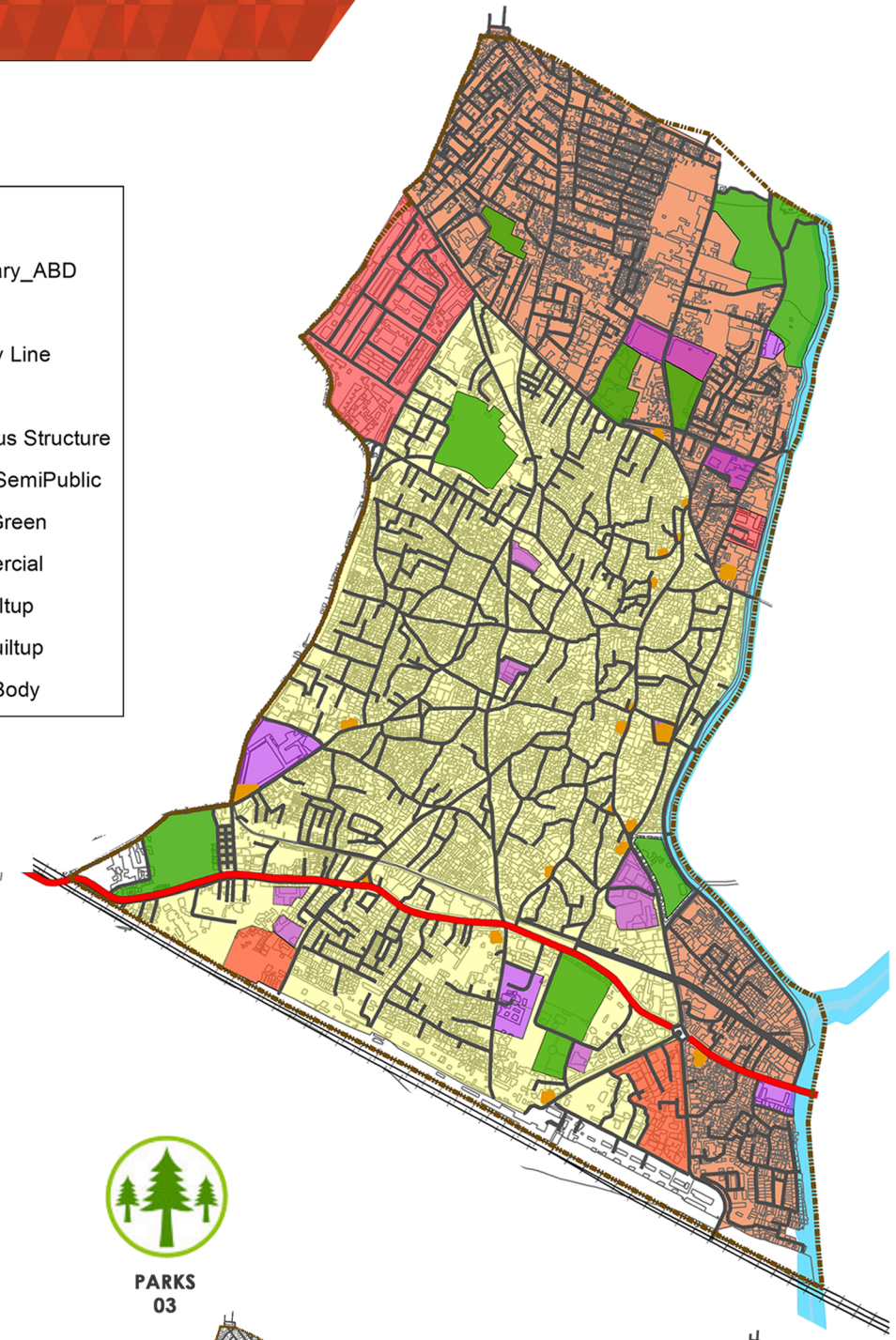
LITERACY RATE  
77.2%



PARKS  
03

**Legend**

- Boundary\_ABD
- NH\_73
- Railway Line
- Roads
- Religious Structure
- Public SemiPublic
- Open Green
- Commercial
- Old Builtup
- New Builtup
- Water Body



INSTITUTIONS  
20



HOSPITALS  
05



FUEL STATIONS  
05



BUS STATIONS  
02



RAIL STATION  
01

Proposal envisions to retrofit 1260 acres of area centred around main railway station in heart of city into a vibrant 24x7 destination.

The area based development uses the following strategies:

Utilize the existing resources: Open/Green Spaces, Cultural and heritage site (temples & mosques)

Expand the inclusive Public Space of the city:  
To enhance quality of life  
With special consideration to women & Children

Enhance Safety:  
With smart facilities & surveillance on ground

Resume the relationship with Paondhoi:  
City would be connected to its most important ecological asset.

WORK

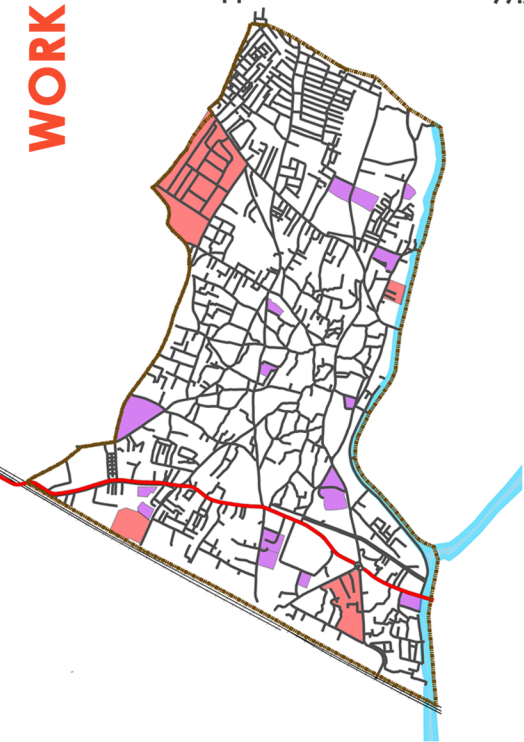
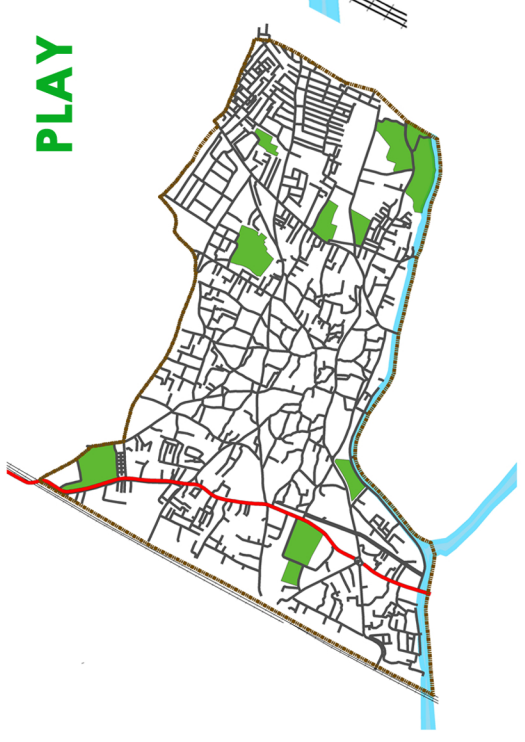


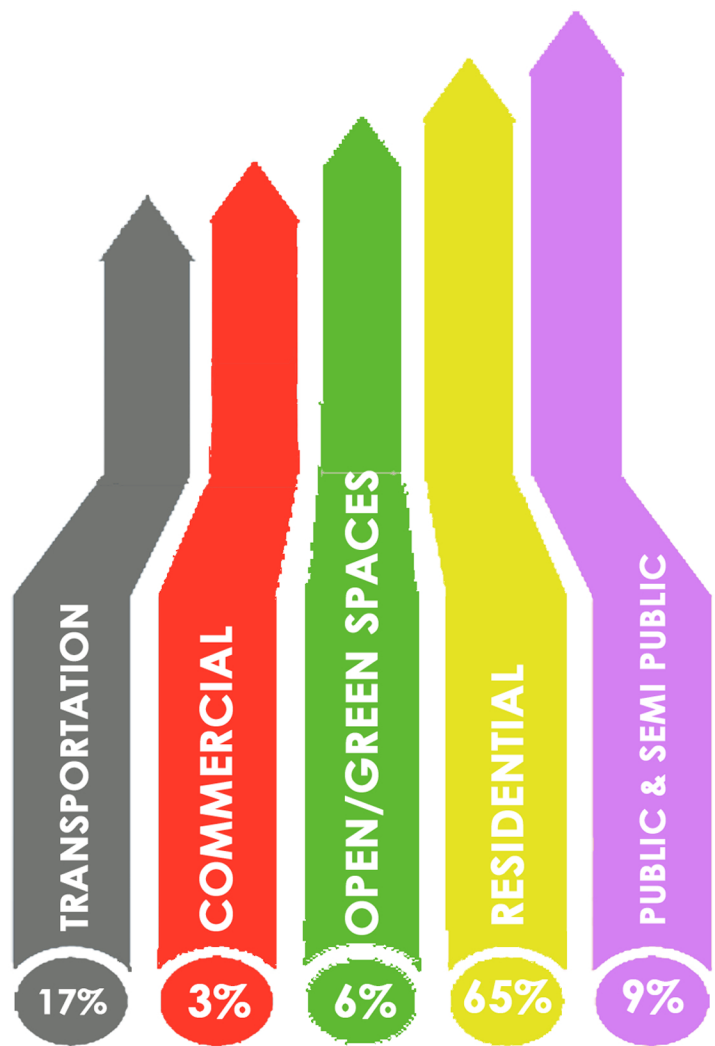
FIGURE GROUND



PLAY



ROAD NETWORK



URBAN FORM

DEVELOPMENT OF ROAD



JUNCTION IMPROVEMENT



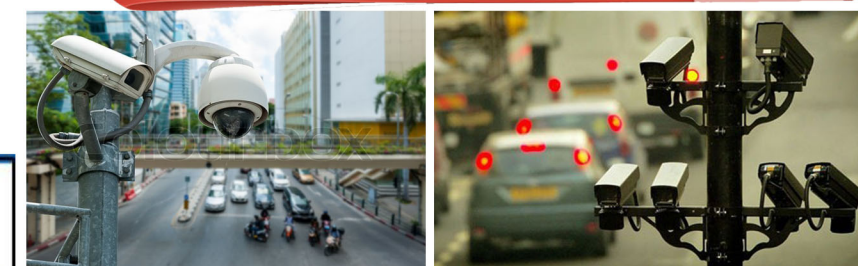
ON STREET PARKING



OFF STREET PARKING



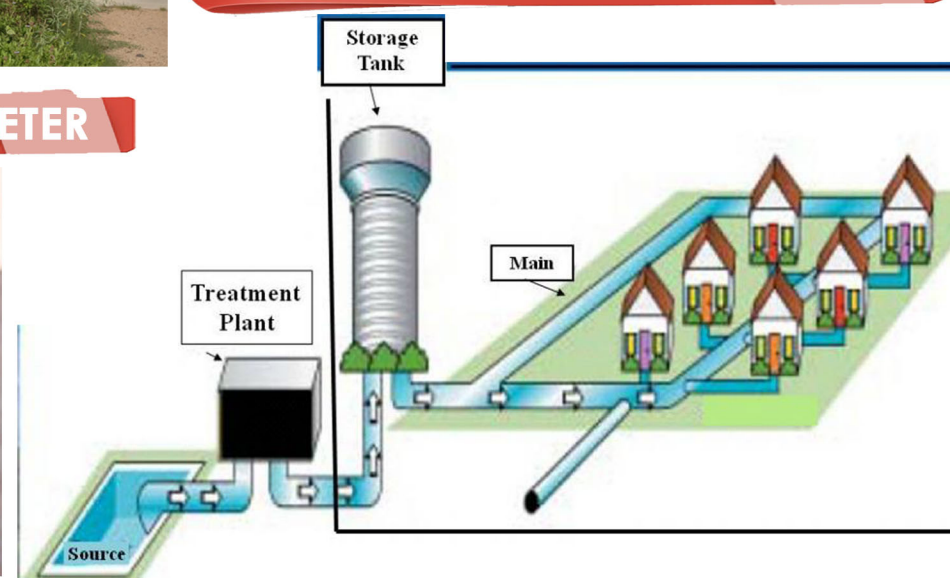
INSTALLATION OF CCTV CAMERA



TRAFFIC POLICE BOOTH



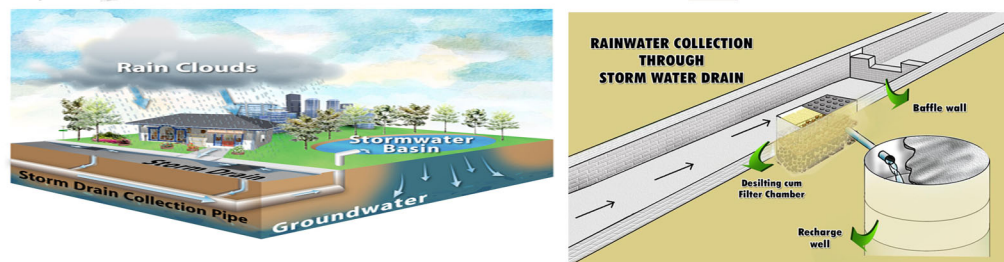
WATER DISTRIBUTION NETWORK



● LOCATION OF JUNCTION IMPROVEMENT  
■ DEVELOPMENT OF PEDESTRIAN



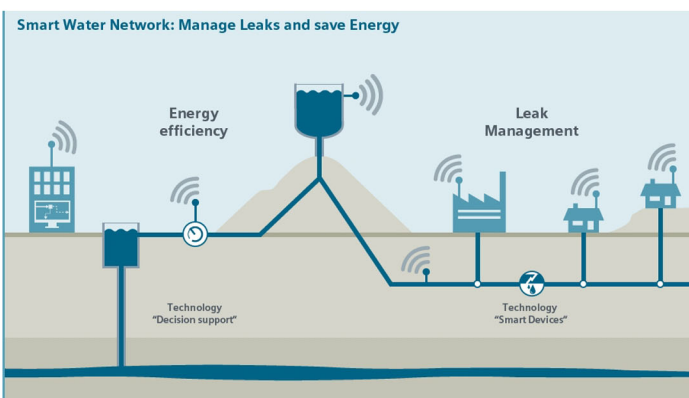
GROUND WATER RECHARGE



RAIN WATER HARVESTING AT GOVERNMENT BUILDING



WATER QUALITY MONITORING SYSTEM



SMART WATER METER

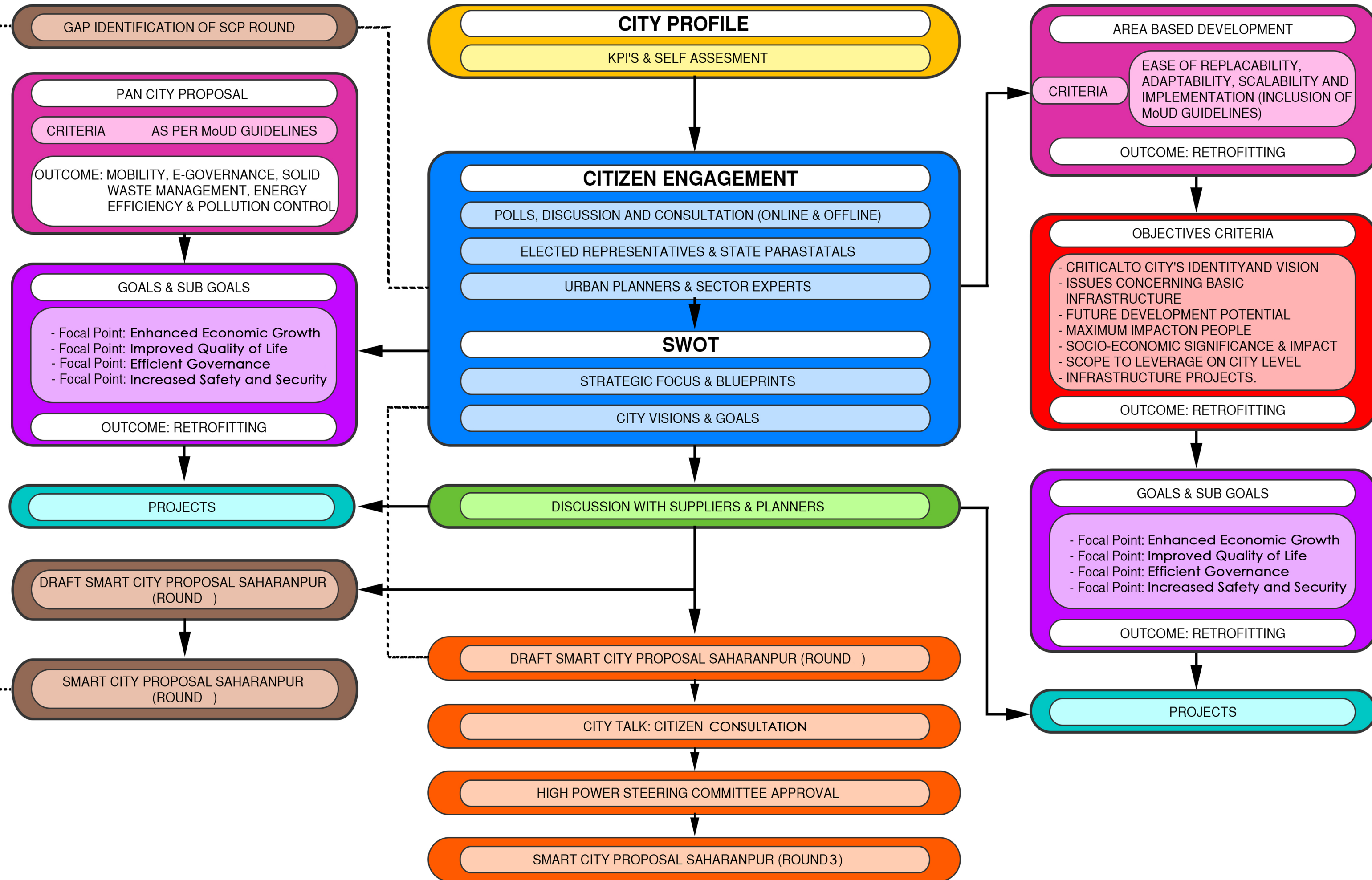


# ABD PROJECT COSTING

## SAHARANPUR- THE SMART CITY



S.No.	Description of Components	Cost (Rs Crore)				
		Total Cost	Convergence Scheme	Smart City	PPP	Convergence Amount
<b>Area Based Development</b>						
<b>1. SAHART Multiple Economies</b>						
1.10	Strengthening Common Facility Centre and development of Research and Design center for wooden handicrafts with Tools, Machinery and equipments for wooden handicrafts carving at Old Bus Stand	54.00		54.00		
1.20	Development of cold storage & food processing unit at Mandi Samiti with logistic center reinforcement with Dedicated Eastern Freight Corridor and railway station	32.00	PPP	4.00	28.00	
1.30	Development of Commercial Shopping & Office Complex with Multilevel Parking at Delhi Bus Depot	200.00	PPP	20.00	180.00	
1.40	Single Window Clearance system for facilitating economic activities and establishment of new industries	1.00		1.00		
1.50	Promotional activities for Wood carving activities on Local, National & International platform	4.00		4.00		
<b>Sub Total SAHART Multiple Economies</b>		<b>291.00</b>		<b>83.00</b>	<b>208.00</b>	<b>0.00</b>
<b>2. SAHART Sewerage &amp; Sanitations</b>						
2.10	Strengthening Sewerage Network	160.00	AMRUT	142.85		17.15
2.20	Provision of SCADA monitoring for Sewerage System	2.00		2.00		
2.30	Automatic sewer cleaning machine for cleaning sewers	0.50		0.50		
2.40	Fecal Sludge Management System and Novation of FSTPs with SCADA & Energy Generation	0.20		0.20		
2.50	Development of Solar based Smart Public Toilets with facility of self-cleaning, display Boards and Voice Guidance and ICT based monitoring	9.60	PPP	0.15	9.45	
<b>Sub Total SAHART Sewerage &amp; Sanitations</b>		<b>177.90</b>		<b>145.70</b>	<b>15.05</b>	<b>17.15</b>
<b>3. SAHART Solid Waste Management</b>						
3.10	Sensor based garbage bins with Bin Clearance -RFID readers and GPRS Systems, GPS devices	2.00		2.00		
3.20	GPS installed vehicles for primary segregated garbage collection	5.50		5.50		
3.30	Bio-composting in Sabzi Mandi & wood carving areas to decompose the horticulture and wood waste.	1.60	PPP		1.60	
3.40	Household bins for segregation of organic and inorganic wastes	12.00		12.00		
3.50	Provision of Compactors for Secondary Garbage transportation	0.15		0.15		
3.60	Land for Disposal of Solid based under convergence of SMC fund	30.00	SMC			30.00
3.70	Development of database of SafaiMitras, Supervisors and Sanitary Officers and integration with SAHART App.	0.30		0.30		
3.80	Provision of Polythene bags processing plant at village Battanwala, Dehradun Road hectare)	8.00		8.00		
3.90	Waste to Compost Plant at village Battanwala, Dehradun Road	10.00	PPP		10.00	
<b>Sub Total SAHART Solid Waste Management</b>		<b>69.55</b>		<b>27.95</b>	<b>11.60</b>	<b>30.00</b>
<b>4. SAHART Transport-Walkability</b>						
4.10	Development of Internal Roads, strengthening, widening and beautification in ABD area with NMT friendly features	94.50		94.50		
4.20	Junctions Improvement (Qutubsher, Ghanta Ghar, Fountain Chowk, Nehru Market Chowk, and Railway Station Chowk)	1.10		1.10		
4.30	Development of Pedestrian Infrastructure along Railway Road, Chilkana Road, Sohraab road, Bhagat Singh Road, NH73, Road along River Paondhoi, Gurudwara Road, Abdul Salam Road	15.00		15.00		
4.40	Development of Smart ON & OFF street Parking along Railway station Road, Mandi Samiti Road and over Paondoi River	9.00	PPP		9.00	
4.50	Smart Underground & Multilevel parking at Jubilee Park & Old Bus Stand	25.00	PPP		25.00	
4.60	Development of Parking Management system for On-Street, Off-Street and Multi-level parking with Sensors & Camera showing capacity & availability.	0.50		0.50		
<b>Sub Total SAHART Transport-Walkability</b>		<b>145.10</b>		<b>111.10</b>	<b>34.00</b>	<b>0.00</b>



GAP IDENTIFICATION OF SCP ROUND

PAN CITY PROPOSAL  
CRITERIA AS PER MoUD GUIDELINES  
OUTCOME: MOBILITY, E-GOVERNANCE, SOLID WASTE MANAGEMENT, ENERGY EFFICIENCY & POLLUTION CONTROL

GOALS & SUB GOALS  
- Focal Point: Enhanced Economic Growth  
- Focal Point: Improved Quality of Life  
- Focal Point: Efficient Governance  
- Focal Point: Increased Safety and Security  
OUTCOME: RETROFITTING

PROJECTS

DRAFT SMART CITY PROPOSAL SAHARANPUR (ROUND 1)

SMART CITY PROPOSAL SAHARANPUR (ROUND 1)

CITY PROFILE  
KPI'S & SELF ASSESSMENT

CITIZEN ENGAGEMENT  
POLLS, DISCUSSION AND CONSULTATION (ONLINE & OFFLINE)  
ELECTED REPRESENTATIVES & STATE PARASTATALS  
URBAN PLANNERS & SECTOR EXPERTS  
SWOT  
STRATEGIC FOCUS & BLUEPRINTS  
CITY VISIONS & GOALS

DISCUSSION WITH SUPPLIERS & PLANNERS

DRAFT SMART CITY PROPOSAL SAHARANPUR (ROUND 2)

CITY TALK: CITIZEN CONSULTATION

HIGH POWER STEERING COMMITTEE APPROVAL

SMART CITY PROPOSAL SAHARANPUR (ROUND 3)

AREA BASED DEVELOPMENT  
CRITERIA  
EASE OF REPLACABILITY, ADAPTABILITY, SCALABILITY AND IMPLEMENTATION (INCLUSION OF MoUD GUIDELINES)  
OUTCOME: RETROFITTING

OBJECTIVES CRITERIA  
- CRITICAL TO CITY'S IDENTITY AND VISION  
- ISSUES CONCERNING BASIC INFRASTRUCTURE  
- FUTURE DEVELOPMENT POTENTIAL  
- MAXIMUM IMPACT ON PEOPLE  
- SOCIO-ECONOMIC SIGNIFICANCE & IMPACT  
- SCOPE TO LEVERAGE ON CITY LEVEL  
- INFRASTRUCTURE PROJECTS.  
OUTCOME: RETROFITTING

GOALS & SUB GOALS  
- Focal Point: Enhanced Economic Growth  
- Focal Point: Improved Quality of Life  
- Focal Point: Efficient Governance  
- Focal Point: Increased Safety and Security  
OUTCOME: RETROFITTING

PROJECTS



# ENGAGEMENT STRATEGY

01



**Electronic Media (Focused Group and Expert Input via Whatsapp)**

**Tools**

Print Media (Advertisements, Street Hoardings)

Electronic Media (SMSs, Mass Mailer, Radio, Social networking Sites and Websites)

03



**Obtain feedbacks on issues and solutions from citizens**

**Tools**

Conferences (Seminars, Techno Fairs, Stakeholder Meetings)

Electronic Media (Focused Group and Expert Input via Whatsapp)

05



**Creating solutions by conducting participatory exercises**

**Tools**

Competitions (Vision Statement, Logo Design, Photography, Essay writing)

Discussions (Discussion Forums, Idea Box, Community Mapping)



02

**To create partnership with Individuals, Formal and Informal groups to facilitate Implementation**

**Tools**

Smart City Labs

Mayor's Team, Execution & Organization Teams and NGOs

### स्मार्ट सिटी प्रोजेक्ट पर काम शुरू

जगरण संवाददाता, सहारनपुर : स्मार्ट सिटी योजना के तृतीय चरण में सहारनपुर को शामिल करने के लिए शहर के अंदर से प्रोजेक्ट तैयार करने की प्रक्रिया शुरू की गई है। शहर के अंदर से प्रोजेक्ट तैयार करने की प्रक्रिया शुरू की गई है। शहर के अंदर से प्रोजेक्ट तैयार करने की प्रक्रिया शुरू की गई है।

**साथ सदस्य टीम करेगी प्रोजेक्ट तैयार**

स्मार्ट सिटी योजना के लिए सहारनपुर का प्रोजेक्ट तैयार करने की प्रक्रिया शुरू की गई है। शहर के अंदर से प्रोजेक्ट तैयार करने की प्रक्रिया शुरू की गई है।



04

**Public made responsible for final decision making**

**Tools**

Democracy at work (ward Sabhas, Cooperation Approvals)

Polling (Citywide Solution, Area based-development, Best Practices)

Progress through Partnership

### तेजरी स्मार्ट सिटी योजना के लिए नए सिरे से तैयार किए जा रहे प्रोजेक्ट

जगरण संवाददाता, सहारनपुर : केंद्र सरकार को स्मार्ट सिटी योजना में शामिल सहारनपुर के लिए नए सिरे से तैयार किए जा रहे प्रोजेक्ट में लोगों की अधिक से अधिक सहभागिता मुख्य है। उनके सुझाव के आधार पर ही प्रोजेक्ट का तानाबाना तैयार होगा है। यदि इस बार जनसहभागिता घटी तो सहारनपुर पिछड़ जाएगा।

**जानसहभागिता कम रहने से बढ़ेंगी मुश्किलें**

उम्मीद लगाई जा रही थी कि सहारनपुर को स्मार्ट सिटी के रूप में विकसित किया जाना है, उसमें जनसहभागिता को स्थान दिया गया है। ताकि लोगों के इच्छा के अनुरूप शहर को विकसित किया जा सके। पूर्व के दो चरणों में सहारनपुर स्मार्ट सिटी योजना में कई जिलों को पछाड़ते हुए प्रदेश के टॉप थ्री महानगरों में स्थान पाया था। इससे







[www.saharanpurnagarnigam.in](http://www.saharanpurnagarnigam.in)



[smartcitysaharanpur@gmail.com](mailto:smartcitysaharanpur@gmail.com)



[www.facebook.com/smartcitysaharanpur](http://www.facebook.com/smartcitysaharanpur)



[www.mygov.in](http://www.mygov.in)

### Online

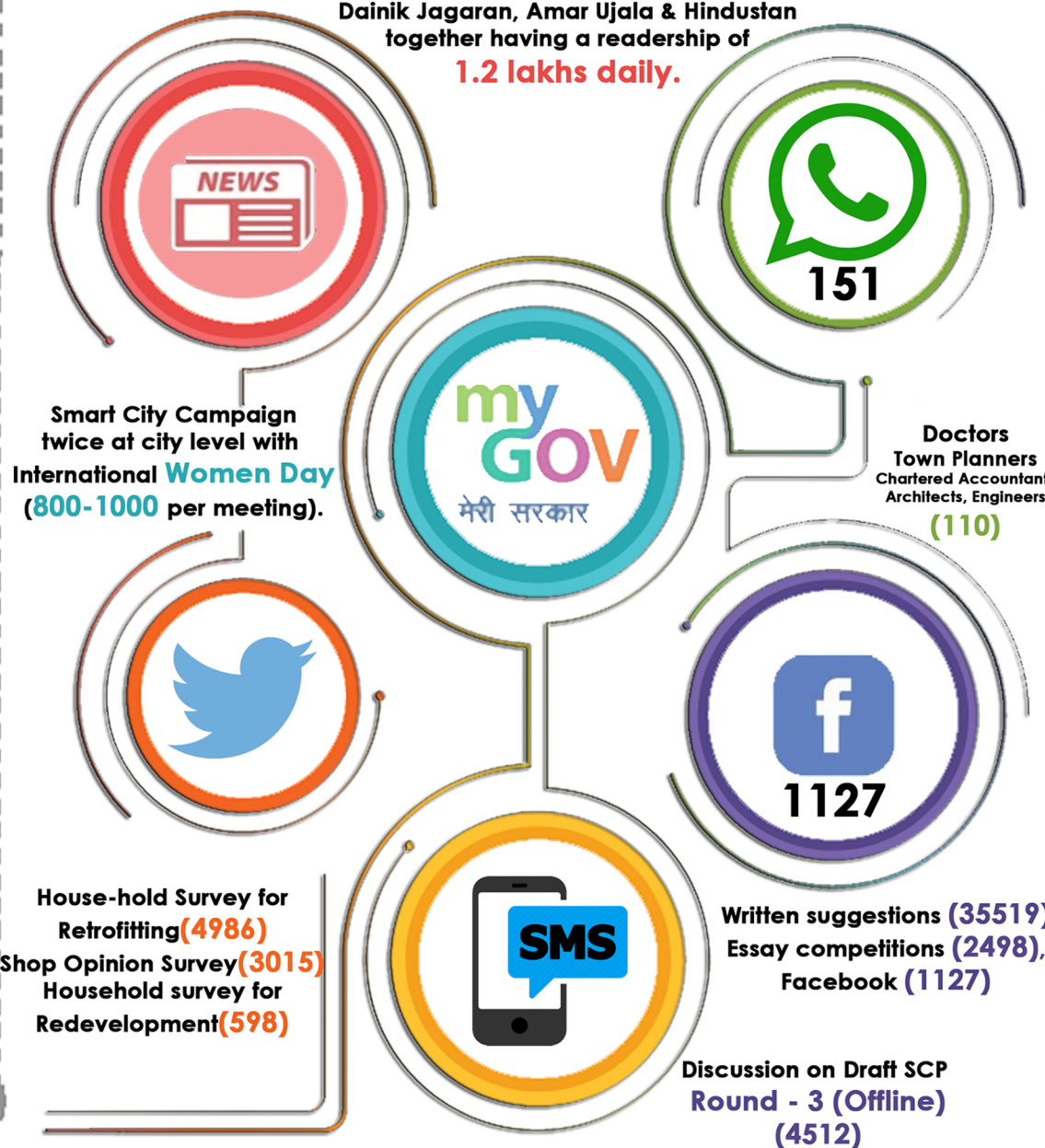
### Citizen Participation

3,38,339

### Offline

2,88,150  
Total comments

National Daily Newspapers namely; Dainik Jagaran, Amar Ujala & Hindustan together having a readership of 1.2 lakhs daily.



Participants 45,591



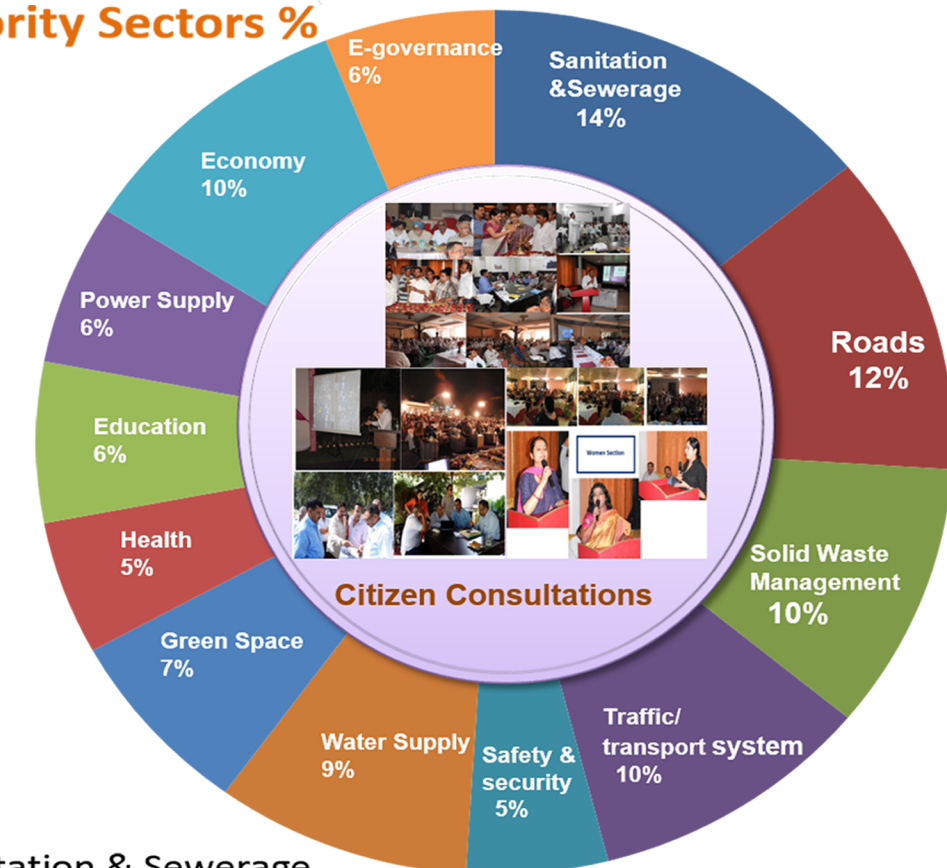
Traditional Bazar Opinion Survey 3000

### OUTCOME



	AREA 1	AREA 2	AREA 3
Online Polling	2	5	3
Offline Polling	1	4	4
Public Representation	3	2	2
Parastatal & Line Agencies	3	3	2
Potential for development	2	5	3
Impact on Mass Population	4	5	3
City Profile	3	4	3
Availability of Land for Monetization	2	5	2
Socio- Cultural	4	5	2
Potential for employment	3	4	2
<b>TOTAL</b>	<b>27</b>	<b>42</b>	<b>26</b>

### Priority Sectors %

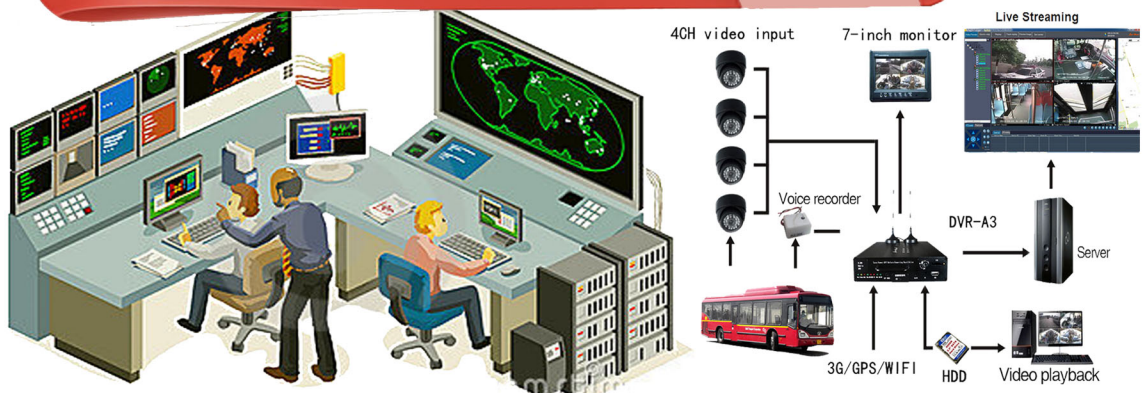


- Sanitation & Sewerage
- Roads
- Solid Waste Management
- Traffic/transport system
- Safety & security
- Water Supply
- Green Space
- Health
- Education
- Power Supply
- Economy

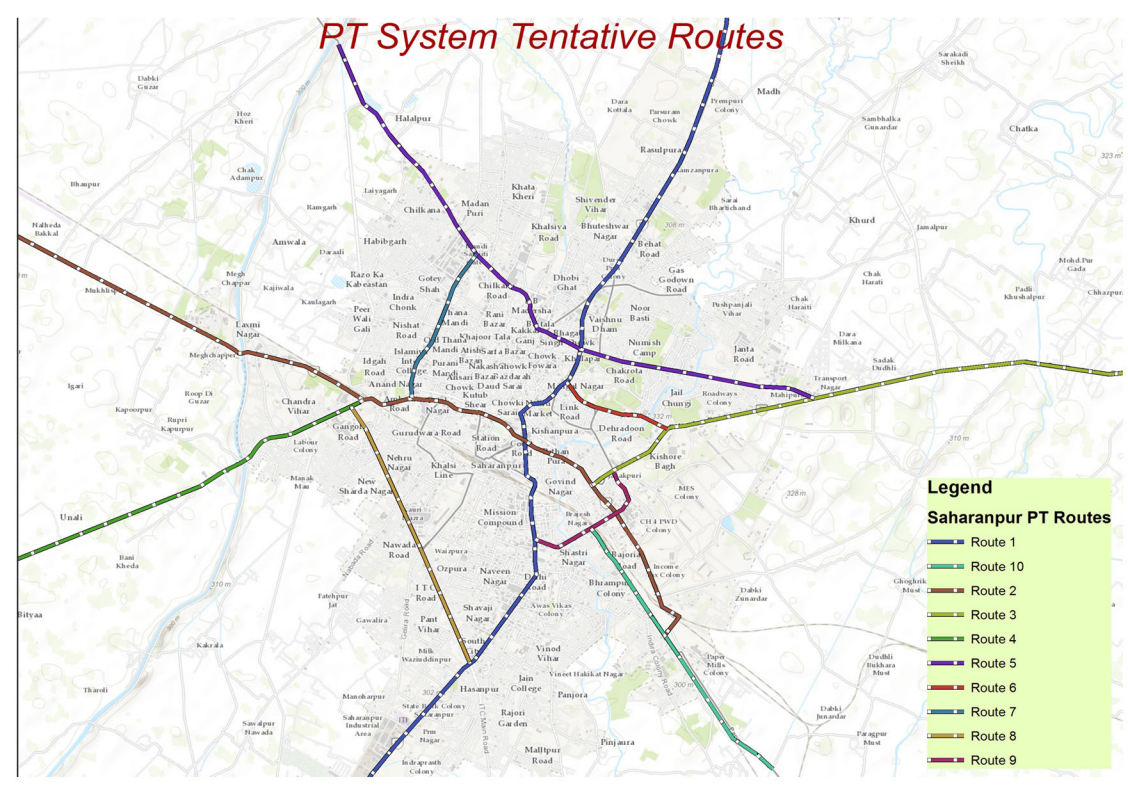
### LOGO DESIGN & PAINTING COMPETITION



## TRAFFIC CONTROL SYSTEM



## PUBLIC TRANSPORT ROUTES



## VARIABLE SIGN MESSAGE



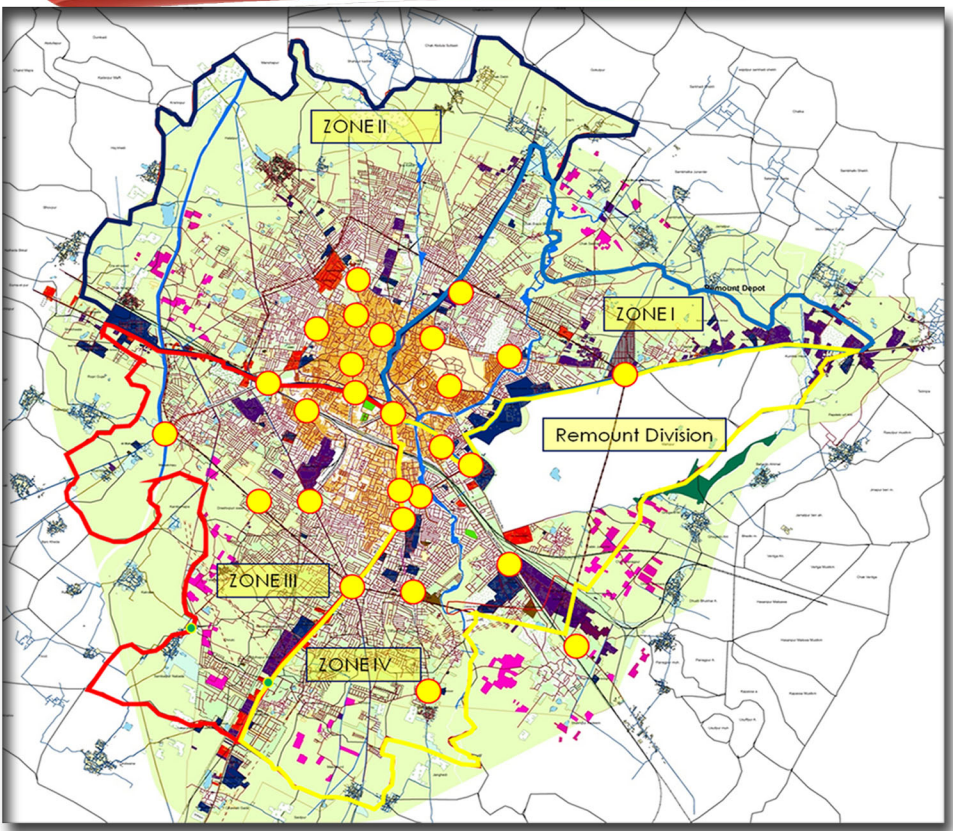
## GPS SYSTEM IN SOLID WASTE



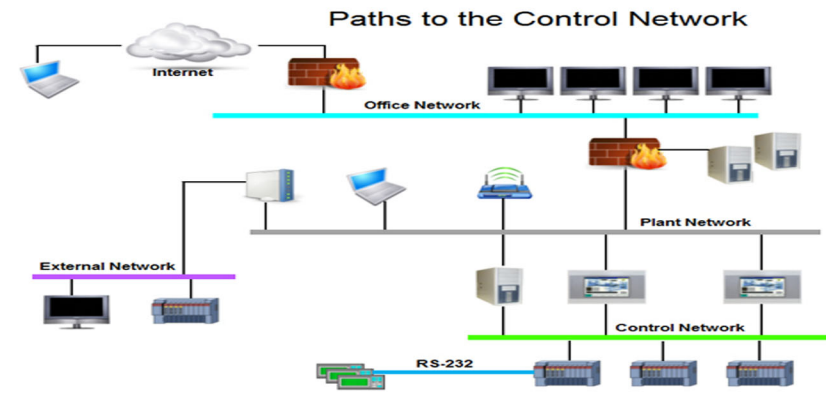
## E-RICKSHAWS TRANSIT SYSTEM



## CCTV SURVEILLANCE



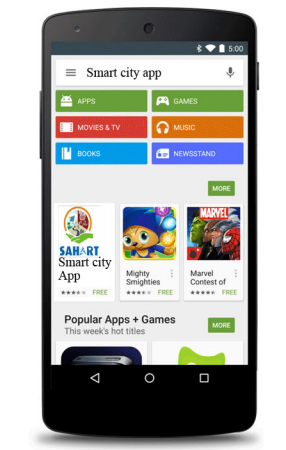
## SCADA MONITORING SYSTEM



## LED STREET LIGHT



## SMART SHARAT CITY APP



# PAN PROJECT COSTING

## SAHARANPUR- THE SMART CITY



S.No.	Description of Components	Cost (Rs Crore)				
		Total Cost	Convergence Scheme	Smart City	PPP	Convergence Amount
<b>Pan City Development</b>						
<b>12. SAHART Transportation &amp; Traffic Management</b>						
12.10	<b>Smart Traffic Management System</b> - Synchronized Traffic Signals for optimum traffic flow with Automated Traffic Control System, PELICAN crossing- pedestrian activated signals at crosswalks, bicycle actuated signals & Lane monitoring and control signs	20.00		20.00		
12.20	Variable Message Sign Boards: Digital Signalisation Special designed boards with smart features	3.00	PPP		3.00	
12.30	Development of Corridors and Routes for last mile connectivity	3.00		3.00		
12.40	Automatic Traffic Violation Deduction Camera on edge services	2.00		2.00		
12.50	Strengthening existing based IPT Transit system using ICT intervention					
a	E-rickshaws registrations, route regularisation	2.00		2.00		
b	Pre-paid booth at e-rickshaws parking places and fleet development for strengthening IT based city transit system	8.00	PPP		8.00	
c	E-rickshaws parking facility with solar based charging system	8.00	PPP		8.00	
<b>Sub Total SAHART Transportation &amp; Traffic Management</b>		<b>46.00</b>		<b>27.00</b>	<b>19.00</b>	<b>0.00</b>
<b>13. SAHART Governance Management System(SGMS)</b>						
13.10	<b>SAHART Command and Control Centre</b> - ICT enabled Integrated Central Command Center for city enhanced service delivery and monitoring	68.00		68.00		
13.20	CCTV surveillance system (CCTV cameras at each entry point of city, major nodes, public spaces, parks and itegration with Command & Control Centre	15.00		15.00		
13.30	<b>SAHART CITY app development</b> for advanced Grievance Redressal System with integrated city services(payment of all utilities taxes-property, Water, electricity bill etc ).	5.00		5.00		
13.40	Departmental Database Digitization and Integration	7.00		7.00		
13.50	Smart Digital Screen: Info/Social Messaging/Alerts/Smart Digital Advertisement	18.00	PPP		18.00	
13.60	Development of Property & Utility Details using GIS based Mapping	7.00		7.00		
13.70	LED Street Lights (Sensible Street Lighting at selected core areas with replacement by LEDs and installing motion detectors on 1 in 4 lamp posts in sub-arterial roads to reduce energy consumption)	41.25	SMC	5.00		36.25
13.80	ICT support to Solid Waste Collection for improved efficiency and monitoring of collection, transportation and disposal	2.00		2.00		
13.90	SCADA based online monitoring for existing Tubewells with web based automatic switch ON & Off with scheduling + Current flow based operational status monitoring systems, Surveillance and SOS	3.00		3.00		
<b>Sub Total SAHART Responsive Governance</b>		<b>166.25</b>		<b>112.00</b>	<b>18.00</b>	<b>36.25</b>

## SEWERAGE & SANITATION

- STRENGTHENING SEWERAGE NETWORK
- SCADA MONITORING FOR SEWERAGE SYSTEM
- SEWER CLEANING MACHINE FOR CLEANING SEWERS
- FECAL SLUDGE MANAGEMENT SYSTEM AND NOVIATION OF FSTPS
- SOLAR BASED SMART PUBLIC TOILETS



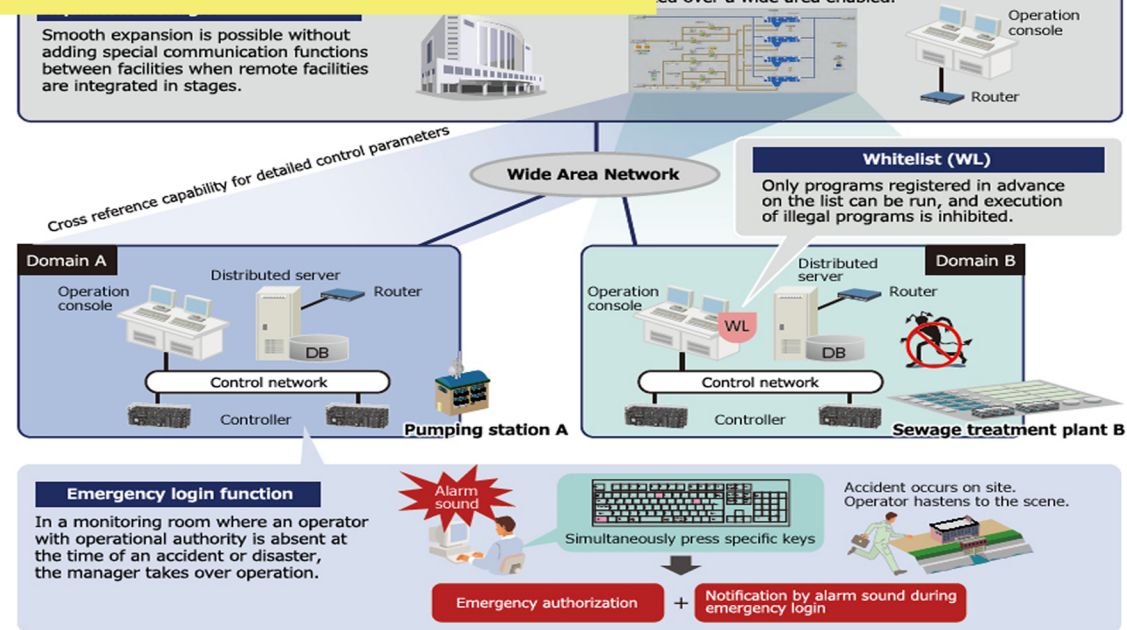
SEWER CLEANING MACHIN

## SOLID WASTE MANAGEMENT

- SENSOR BASED GARBAGE BINS
- POLYTHENE BAGS PROCESSING PLANT
- GPS INSTALLED VEHICLES
- COMPACTORS FOR SECONDARY GARBAGE TRANSPORTATION
- DEVELOPMENT OF DATABASE OF SAFAIMITRAS



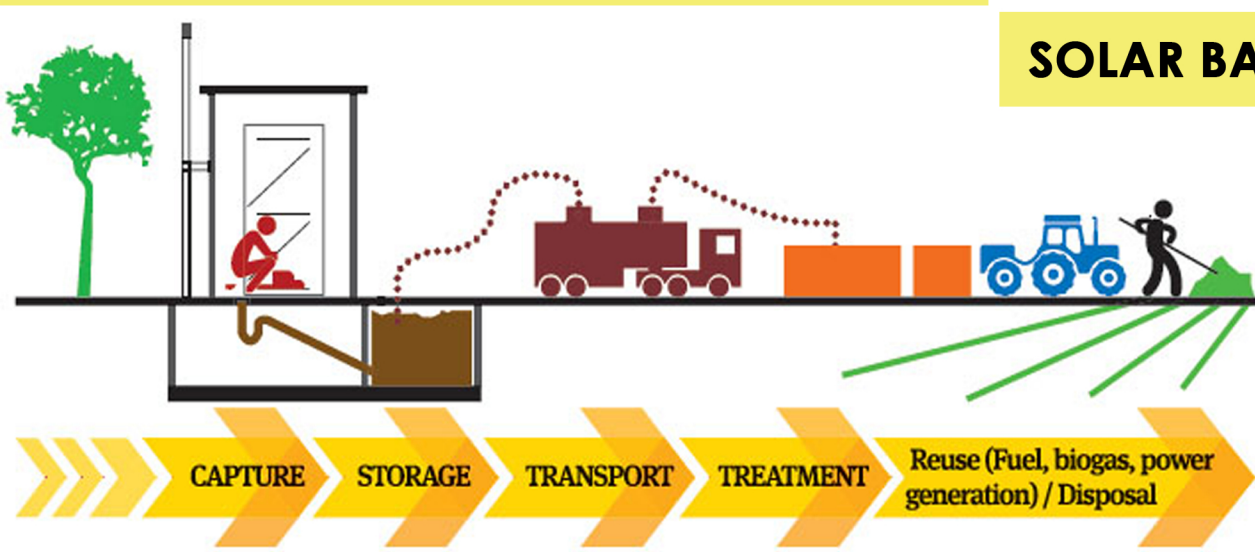
## SCADA APPLICATION



## SCADA FEATURES

1. DISTRIBUTED SERVER THAT ENABLES EXPANSION IN STAGES.
2. SECURITY MEASURES
3. EMERGENCY LOGIN FUNCTION

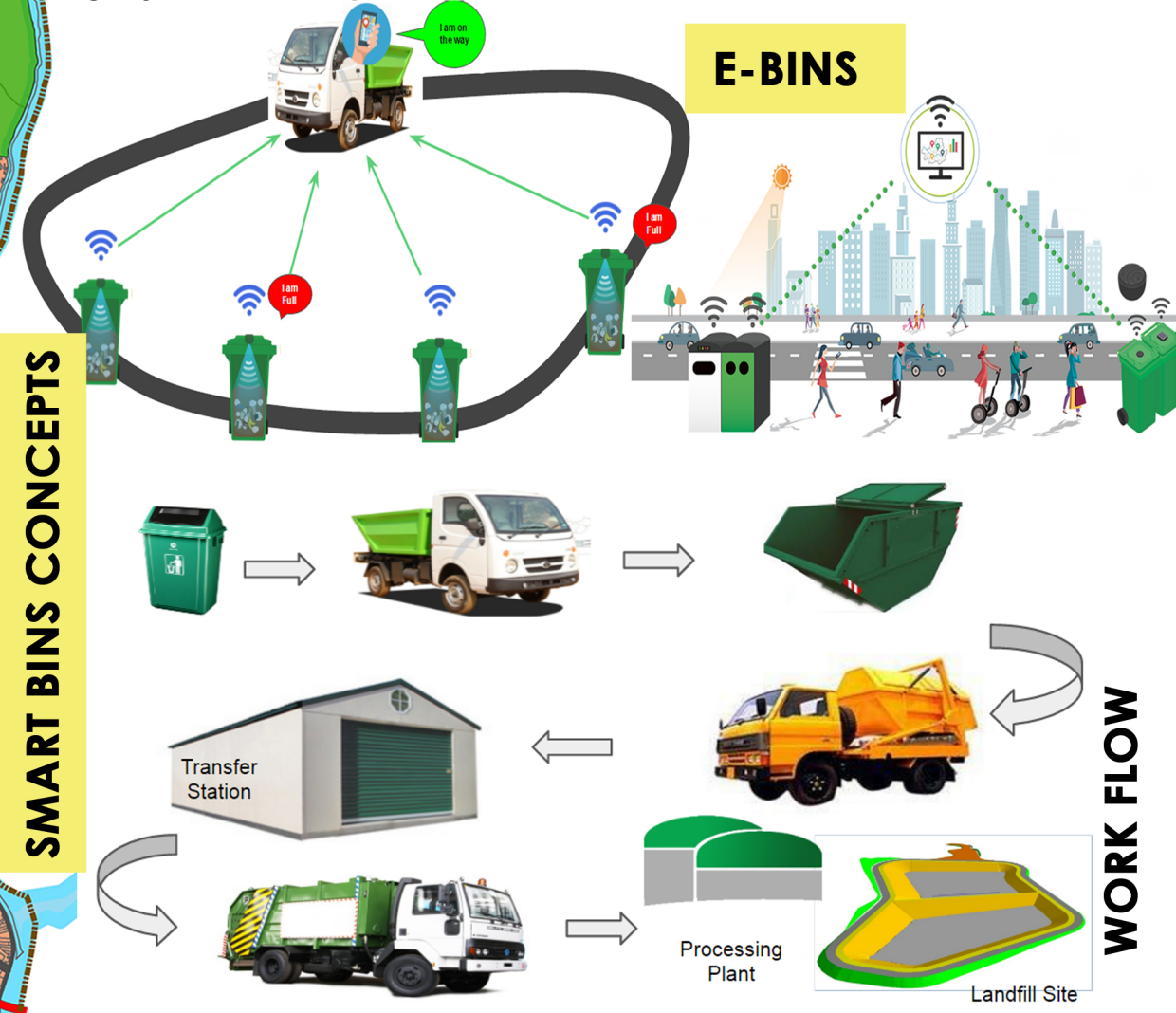
## FECAL SLUDGE MANAGEMENT SYSTEM



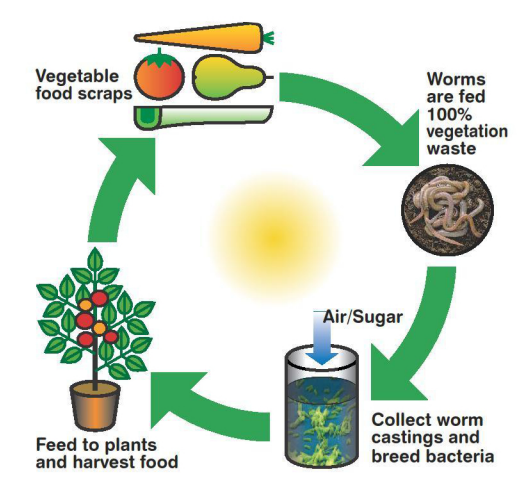
## SOLAR BASED TOILETS



## SMART BINS CONCEPTS



## WASTE TO COMPOST PLANT



As a signature intervention reflecting the city's image, the plan proposes 50 projects in total to achieve all the essential features as given in Mission.



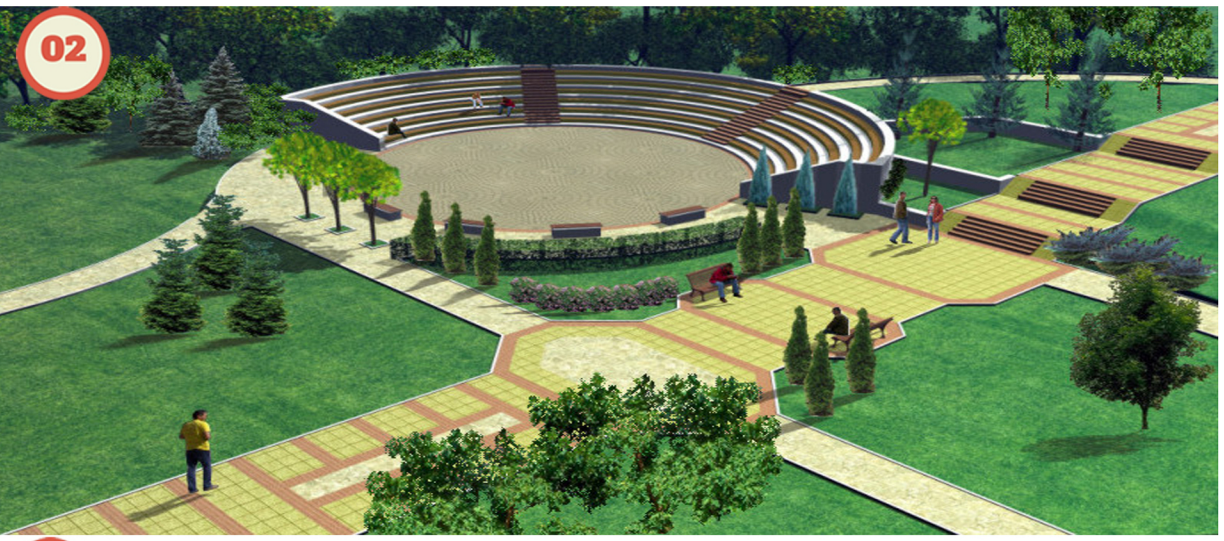
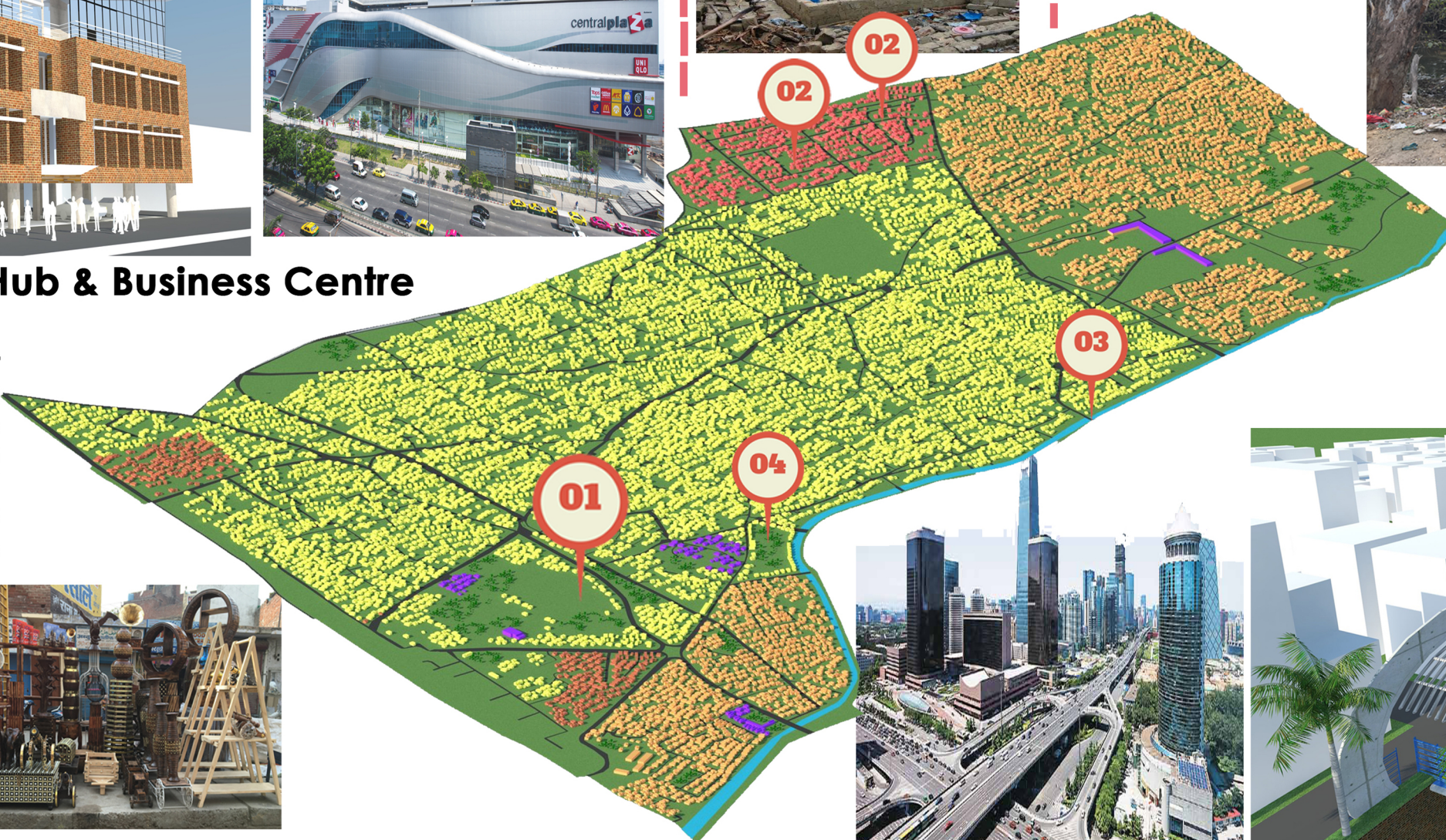
**01 Commercial Hub & Business Centre**

Retail Space in the heart of the city further increase in new job opportunities will be created in the Commercial Hub. A well equipped business centre with secretarial services



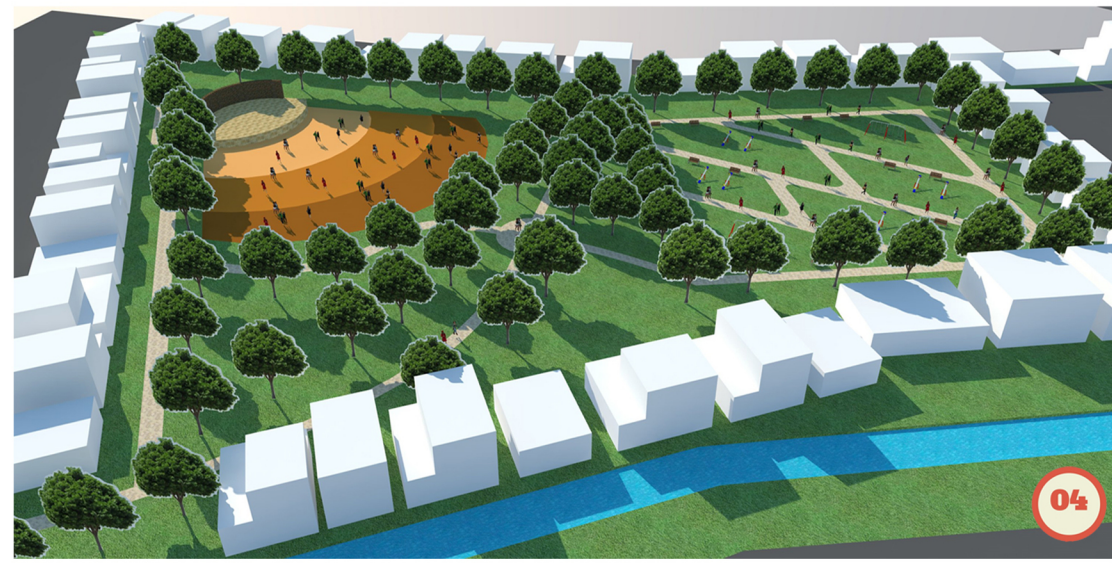
**03 Revival of Paondhoi**

Revival of river Paondhoi and developing a continuous green belt on both sides of the river with clean water flowing in it will enhance the environmental quality of the ABD



**02 Export Promotion Zone**

Providing Modern and efficient infrastructure, centrally coordinate and control facilities to realize and repatriate export.



**04 Jubli Park**

Urban parks contribute environmental benefits. A network of parks and open spaces that include protected natural lands, ecological reserves, wetlands, and other green areas is critical to providing healthy habitats for humans, wildlife and plants in these densely built places. Natural landscapes are vital to preserving regional ecosystems amid growing city of Saharanpur.

# Table of Content

- 4.1 Minutes of Meeting –State High Power Steering Committee**
- 4.2 Board Resolution for approval of Smart City Proposal, Financial Plan & Constitution of SPV**
- 4.3 Documents for City Profile**
- 4.4 Documents for Administrative Efficiency & SWOT Analysis**
- 4.5 Memorandum of Understanding with different stakeholders**
- 4.6 Documents for Convergence Details**
- 4.7 Documents for land availability for various proposed project**
- 4.8 Documents to support fall back plan**
- 4.9 Citizen Engagement Details & Snapshots**
- 4.10 Details of Revenue Plan for 10 years**

# Annexure 4.1

## Minutes of Meeting – State High Power Steering Committee

## SAHARANPUR—The Liveable Smart City

शहरी विकास मंत्रालय, भारत सरकार द्वारा "स्मार्ट सिटी मिशन" के अन्तर्गत मुख्य सचिव उ० प्र० शासन की अध्यक्षता में गठित राज्य स्तरीय उच्चाधिकार संचालन समिति (State Level High Power Steering Committee-SHPSC) की सातवीं बैठक दिनांक 27 नवम्बर, 2017 का कार्यवृत्त

बैठक में उपस्थित अधिकारी-उपस्थिति संलग्नक-1 पर है।

आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा संचालित स्मार्ट सिटी मिशन के अन्तर्गत मुख्य सचिव उ० प्र० शासन की अध्यक्षता में गठित राज्य स्तरीय उच्चाधिकार प्राप्त संचालन समिति की बैठक में प्रमुख सचिव, नगर विकास विभाग, उ० प्र० शासन द्वारा अवगत कक्षाया गया कि आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा संचालित स्मार्ट सिटी मिशन चउण्ड-4 के अन्तर्गत उत्तर प्रदेश के चयनित 07 नगरों यथा-बरेली, मुरादाबाद, मेरठ, सहारनपुर, गाजिबाबाद, रामपुर एवं रायबरेली तैयार कर लिये गये हैं तथा गाईडलाइन्स के अनुसार स्मार्ट सिटी प्रपोजल का अनुमोदन राज्य स्तरीय उच्चाधिकार संचालन समिति (SHPSC) के अनुमोदन के परवात् दिनांक 30.11.2017 तक प्रस्ताव शहरी विकास मंत्रालय, भारत सरकार को प्रस्तुत किया जाना है।

2- इस संबंध में अवगत कराया गया कि स्मार्ट सिटी मिशन के प्रस्तावों के पुनरीक्षण हेतु तृतीय चरण में आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा कतिपय कमियों का उल्लेख किया गया था। इन कमियों को दूर करते हुए इन प्रस्तावों का पुनरीक्षण दो बार शासन स्तर पर तथा आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार के विशेषज्ञों के अतिरिक्त श्री कोराव वर्मा, सलाहकार से प्राप्त सुझावों को भी स्मार्ट सिटी प्रपोजल में सम्मिलित कर लिये गये हैं। इस योजना के अन्तर्गत आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा रू० 100 करोड़ प्रतिवर्ष के अनुसार कुल 500 करोड़ की धनराशि प्रदान की जाएगी तथा इतनी ही धनराशि राज्य सरकार द्वारा भी दी जानी प्रस्तावित है। आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार की गाईडलाइन्स के अनुसार 100 नगरों का चयन इस मिशन के अन्तर्गत देश में किया जाना है, जिसमें से उत्तर प्रदेश से अधिकतम 13 नगर चयनित किये जाने हैं। 100 नगरों के सापेक्ष 90 नगरों का चयन भारत सरकार द्वारा तृतीय चरण में किया गया, जिसमें उ० प्र० राज्य के 07 नगरों का भी चयन हो चुका है तथा 07 नगरों का चयन षष्ठ्य चरण में प्रस्तावित है।

3- वर्तमान में तैयार किये गये स्मार्ट सिटी प्रपोजल के अन्तर्गत नगरों की इकोनॉमी एक्टिविटी को केन्द्रित करते हुए उनके विज़न का निर्धारण किया गया है तथा विज़न के आधार पर ही नगरों के गोल एवं सब-गोल का निर्धारण भी किया गया है तथा प्रत्येक गोल एवं सब-गोल के सापेक्ष नगर स्तर पर विभिन्न केन्द्रीय, राज्य एवं स्थानीय स्तर की योजनाओं का भी प्रस्ताव में कन्वरजेन्स किया गया है तथा स्मार्ट सिटी मिशन के प्रस्तावों को तैयार करने हेतु विभिन्न विभागों से एम०ओ०वू तथा योजना के सापेक्ष जो कार्य नगरों द्वारा प्रारम्भ कर दिये गये हैं उन परियोजनाओं को भी स्मार्ट सिटी प्रपोजल में महत्ता दी गयी है।

4- स्मार्ट सिटी मिशन के अन्तर्गत भारत सरकार द्वारा प्रथम वर्ष में 200 करोड़ तथा आगामी वर्ष में 100 करोड़ की धनराशि प्रतिवर्ष दिया जाना प्रस्तावित है, इतनी ही धनराशि राज्य सरकार द्वारा भी दी जानी प्रस्तावित है। राज्य सरकार द्वारा वित्तीय वर्ष 2017-18 में



## SAHARANPUR- The Liveable Smart City

₹ 1500 करोड़ का बजट प्राधिकार किया गया है। समिति द्वारा केन्द्रांश के सापेक्ष राज्यांश की उपलब्धता सुनिश्चित करने के लिए कबजबद्धता दिये जाने का निर्णय लिया गया।

5- समिति को यह भी अवगत कराया गया कि स्मार्ट सिटी प्रोजेक्ट को तैयार करने में नागरिकों की सहभागिता भी सुनिश्चित की गयी तथा वर्तमान में अधिकांश नगरों द्वारा 50 प्रतिशत से लेकर 80 प्रतिशत तक नागरिकों की सहभागिता प्राप्त की गयी है। समिति को यह भी अवगत कराया गया है कि स्मार्ट सिटी प्रोजेक्ट के क्रियान्वहन हेतु सभी नगरों में एस0पी0वी0 के गठन हेतु शासनादेश संख्या-1205/नौ-5-2016-11सा/16 दिनांक 16.04.2016 निर्गत किया गया है। इसके अतिरिक्त उत्तर प्रदेश राज्य में सभी शासकीय विभागों में मुख्य सचिव, उ0प्र0 शासन द्वारा समस्त अपर मुख्य सचिव/ प्रमुख सचिव/ सचिव को स्मार्ट सिटी सेल बनाये जाने के निर्देश दिये गये हैं, जिससे कि स्मार्ट सिटी प्रोजेक्ट की स्वीकृति के पश्चात एस0पी0वी0 के गठन एवं अन्य विभागों से सामंजस्य में विलम्ब न हो।

स्मार्ट सिटी मिशन के अन्तर्गत नगर आयुक्त/मुख्य विकास अधिकारी द्वारा अपने नगरों से संबंधित स्मार्ट सिटी प्रोजेक्ट का प्रस्तुतीकरण निम्नवत् किया गया-

1. **नगर निगम बरेली का प्रस्तुतीकरण-** नगर आयुक्त, नगर निगम बरेली द्वारा अवगत कराया गया कि सिटीजन कन्सलटेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point एवं विभिन्न स्टेट होल्डर के सहयोग के आधार पर बरेली नगर का विज्ञान निर्धारित किया गया, जो निम्नवत् है।

**Vision-** "Bareilly envisions for integrated and inclusive development with sustainable growth of the handicraft industry",

उक्त विज्ञान को प्राप्त करने हेतु निम्न स्ट्रेटेजिक प्वाइंट बनाये गये हैं:-

1. Economic Development
2. Improved Mobility
3. Sustainable Environment
4. Community Development

विज्ञान, सोल्स और सबसोल्स के निर्धारण के पश्चात सिटीजन कन्सलटेशन, विभिन्न शासकीय विभागों तथा संगठनों से विचार-विमर्श के पश्चात सिटीजन कन्सलटेशन तथा संस्थाओं से विचार-विमर्श के पश्चात् 1270 एकड़ रेट्रोफिटिंग एरिया प्रस्तावित किया गया है। इस ए0वी0डी0 एरिया के अन्तर्गत जनसंख्या 85000 की है। इस रेट्रोफिटिंग एरिया में स्मार्ट सिटी मिशन का गोल प्राप्त करने हेतु ENHANCE ECONOMY के अन्तर्गत 6 परियोजनाएँ, TRANSFORM GOVERNANCE के अन्तर्गत 8 परियोजनाएँ, RELIABLE MOBILITY के अन्तर्गत 7 परियोजनाएँ, Sustainable Environment के अन्तर्गत 8 परियोजनाएँ प्रस्तावित की गयी हैं तथा इन ए0वी0डी0 परियोजनाओं की लागत 1350.40 करोड़ की है, जिसमें ₹ 99.58 करोड़ कन्वरजेन्स के आधार पर, 814.69 करोड़ स्मार्ट सिटी मिशन तथा ₹ 436.13 करोड़ पीपीपी पर लगाये जाने प्रस्तावित हैं।

इस प्रकार पैनसिटी प्रोजेक्ट में Intelligent Traffic Management के अन्तर्गत 1 परियोजनाएँ तथा Smart Governance Management System के अन्तर्गत 1 परियोजनाएँ प्रस्तावित की गयी है तथा इन परियोजनाओं की कुल लागत ₹ 99.58 करोड़ के आधार पर, 814.69 करोड़ स्मार्ट सिटी मिशन तथा ₹ 436.13 करोड़ पीपीपी पर लगाये जाने प्रस्तावित हैं।

## SAHARANPUR–The Liveable Smart City

₹ 1500 करोड़ का बजट प्राविधान किया गया है। समिति द्वारा केन्द्रांश के सापेक्ष राज्यांश की उपलब्धता सुनिश्चित करने के लिए कबजबद्धता दिये जाने का निर्णय लिया गया।

5- समिति को यह भी अवगत कराया गया कि स्मार्ट सिटी प्रोजेक्ट को तैयार करने में नागरिकों की सहभागिता भी सुनिश्चित की गयी तथा वर्तमान में अधिकांश नगरों द्वारा 50 प्रतिशत से लेकर 80 प्रतिशत तक नागरिकों की सहभागिता प्राप्त की गयी है। समिति को यह भी अवगत कराया गया है कि स्मार्ट सिटी प्रोजेक्ट के क्रियान्वहन हेतु सभी नगरों में एस0पी0वी0 के गठन हेतु शासनादेश संख्या-1205/नौ-5-2016-11सा/16 दिनांक 16.04.2016 निर्गत किया गया है। इसके अतिरिक्त उत्तर प्रदेश राज्य में सभी शासकीय विभागों में मुख्य सचिव, उ0प्र0 शासन द्वारा समस्त अपर मुख्य सचिव/ प्रमुख सचिव/ सचिव को स्मार्ट सिटी सेल बनाये जाने के निर्देश दिये गये हैं, जिससे कि स्मार्ट सिटी प्रोजेक्ट की स्वीकृति के पश्चात एस0पी0वी0 के गठन एवं अन्य विभागों से सामंजस्य में विलम्ब न हो।

स्मार्ट सिटी मिशन के अन्तर्गत नगर आयुक्त/मुख्य विकास अधिकारी द्वारा अपने नगरों से संबंधित स्मार्ट सिटी प्रोजेक्ट का प्रस्तुतीकरण निम्नवत् किया गया-

1. **नगर निगम बरेली का प्रस्तुतीकरण-** नगर आयुक्त, नगर निगम बरेली द्वारा अवगत कराया गया कि सिटीजन कन्सलटेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point एवं विभिन्न स्टेट होल्डर के सहयोग के आधार पर बरेली नगर का विज्ञान निर्धारित किया गया, जो निम्नवत् है।

**Vision-**“Bareilly envisions for integrated and inclusive development with sustainable growth of the handicraft industry”.

उक्त विज्ञान को प्राप्त करने हेतु निम्न स्ट्रेटेजिक प्वाइंट बनाये गये हैं:-

1. Economic Development
2. Improved Mobility
3. Sustainable Environment
4. Community Development

विज्ञान, सोल्स और सबसोल्स के निर्धारण के पश्चात सिटीजन कन्सलटेशन, विभिन्न शासकीय विभागों तथा संगठनों से विचार-विमर्श के पश्चात सिटीजन कन्सलटेशन तथा संस्थाओं से विचार-विमर्श के पश्चात् 1270 एकड़ रेट्रोफिटिंग एरिया प्रस्तावित किया गया है। इस ए0वी0डी0 एरिया के अन्तर्गत जनसंख्या 85000 की है। इस रेट्रोफिटिंग एरिया में स्मार्ट सिटी मिशन का गोल प्राप्त करने हेतु ENHANCE ECONOMY के अन्तर्गत 6 परियोजनाएँ, TRANSFORM GOVERNANCE के अन्तर्गत 8 परियोजनाएँ, RELIABLE MOBILITY के अन्तर्गत 7 परियोजनाएँ, Sustainable Environment के अन्तर्गत 8 परियोजनाएँ प्रस्तावित की गयी हैं तथा इन ए0वी0डी0 परियोजनाओं की लागत 1350.40 करोड़ की है, जिसमें ₹ 99.58 करोड़ कन्वरजेन्स के आधार पर, 814.69 करोड़ स्मार्ट सिटी मिशन तथा ₹ 436.13 करोड़ पीपीपी पर लगाये जाने प्रस्तावित हैं।

इस प्रकार पैनसिटी प्रोजेक्ट में Intelligent Traffic Management के अन्तर्गत 1 परियोजनाएँ तथा Smart Governance Management System के अन्तर्गत 1 परियोजनाएँ प्रस्तावित की गयी है तथा इन परियोजनाओं की कुल लागत ₹ 99.58 करोड़ के आधार पर, 814.69 करोड़ स्मार्ट सिटी मिशन तथा ₹ 436.13 करोड़ पीपीपी पर लगाये जाने प्रस्तावित हैं।

## SAHARANPUR–The Liveable Smart City

540.00 करोड़ है, जिसमें रुपये 388 करोड़ कन्वर्जेन्स से, रुपये 135 करोड़ स्मार्ट सिटी फण्ड तथा अवशेष रुपये 18 करोड़ की धनराशि पीपीपी के माध्यम से प्रस्तावित की गयी है।

परियोजना में 02 प्रतिष्ठत प्रोजेक्ट प्रीपरेशन तथा डिटेल्ड प्रोजेक्ट रिपोर्ट का प्राविधान करते हुए स्मार्ट सिटी प्रोजेक्ट कुल रुपये 1902.77 करोड़ का तैयार किया गया है, जिसमें रु० 962 करोड़ स्मार्ट सिटी मिशन से, रु० 487 करोड़ कन्वर्जेन्स के माध्यम से तथा रु० 454 करोड़ पीपीपी के माध्यम से कराया जाना प्रस्तावित है।

परियोजना के क्रियान्वयन हेतु स्थानीय स्तर पर विभिन्न शासकीय विभागों एवं गैर सरकारी संगठनों एवं विभिन्न एसोसिएशन से एमओयू तथा अन्य विभिन्न संस्थानों से सपोर्टिंग लैटर भी प्राप्त किये गये हैं। स्मार्ट सिटी प्रोजेक्ट में केन्द्र सरकार की प्रचलित योजनाएँ यथा-अमृत, HMCM, BSNL, ASIDE, स्वच्छ भारत मिशन, MNRE तथा राज्य सरकार की विभिन्न योजनाएँ यथा-आईटीएमएस, एससीएसएस, नैडा, अवस्थापना निधि तथा बरेली विकास प्राधिकार का भी Convergence प्रस्ताव में किया गया है तथा अवगत कराया गया कि बरेली की आर्थिक गतिविधियाँ जारी और माझा पर आधारित हैं। अतः इस उद्योग के परिचालन हेतु को-आपरेटिव बैंक की कार्पोरेट पद्धति को सुदृढ़ करना प्रस्तावित है।

समिति द्वारा बरेली के स्मार्ट सिटी प्रोजेक्ट रुपये 1902.77 करोड़ पर अनुमोदन प्रदान करते हुए राज्य स्तर पर लोक निर्माण, परिवहन, पर्यटन, गृह एवं शोपन्, शिक्षा, आवास एवं शहरी नियोजन, संस्कृति, ऊर्जा, नगर विकास एवं नगरीय रोजगार एवं गरीबी उन्मूलन कार्यक्रम, अपराम्परिक ऊर्जा, आयुर्वेद, उद्योग एवं पर्यावरण विभाग द्वारा सहयोग देने का निर्णय लिया गया।

2. नगर निगम गाजियाबाद का प्रस्तुतीकरण— नगर आयुक्त नगर निगम गाजियाबाद द्वारा अवगत कराया गया कि सिटीजन कन्सलटेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point एवं आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा तृतीय चरण में उपलब्ध करायी गयी कमियों के निराकरण करते हुए गाजियाबाद नगर का विज़न पुनः निर्धारित किया गया है, जो निम्नवत् है।

To position Ghaziabad within NCR as the preferred destination with a thriving economy built upon the principles of live, work and play.....”

उपरोक्त विज़न की प्राप्ति हेतु 04 गोलस का निर्धारित किये गये हैं, जो निम्नवत् है—

- 1- Swach City Identification
- 2- Sustainable Economic Development
- 3- Environmental Sustainability
- 4- Smart System

उपरोक्त विज़न, गोलस के निर्धारण के पश्चात सिटीजन कन्सलटेशन, स्ट्रेकहोल्डर्स, विभिन्न शासकीय विभागों तथा संगठनों से विचार-विमर्श के पश्चात पूर्व में प्रस्तावित ए०बी०डी० एरिया जो 1495 एकड़ था, को कम करते हुए प्रस्तावित योजना 1056.50 एकड़ किया गया है तथा सभी गोल को प्राप्त करने हेतु ए०बी०डी० एरिया को 03 जोन में परिवर्तित किया गया है। जोन-1 में सिडेवलपमेन्ट ऑफ

## SAHARANPUR–The Liveable Smart City

एरिया बेस्ट डेवलेपमेंट हेतु क्षेत्र का निर्धारण करने के लिए विजन की प्राप्ति हेतु मेरठ का कोर एरिया 1244 एकड़ प्रस्तावित किया गया है। इस क्षेत्रफल में 46 प्रतिशत आवासीय तथा 25 प्रतिशत कॉमर्शियल तथा 01 प्रतिशत इण्डस्ट्रीयल के लिए प्रस्तावित है। एरिया बेस्ट डेवलेपमेंट के अन्तर्गत प्रथम गोल को प्राप्त करने के लिए 20 परियोजनाएँ, Sanitation and Solid waste management के अन्तर्गत 2 परियोजनाएँ, Safety & Security के लिए 2 परियोजनाएँ, Good Governance के लिए 1 परियोजना एबीडी क्षेत्र में प्रस्तावित की गई हैं। पैनसिटी प्रोजेक्ट के अन्तर्गत भी उपरोक्त 04 गोलों को प्राप्त करने हेतु आर्बिटी गर्वनेन्स से सम्बन्धित योजनाएँ भी प्रस्तावित हैं। मेरठ नगर में स्मार्ट सिटी मिशन के अन्तर्गत ₹ 1108.83 करोड़, एबीडी के अन्तर्गत ₹ 1171.74 करोड़ प्रस्तावित हैं। इस प्रकार कुल स्मार्ट सिटी हेतु ₹ 2280.56 करोड़ की धनराशि प्रस्तावित है, जिसमें से कन्वर्जेंस के माध्यम से ₹ 874.18 करोड़, पीपीपी के माध्यम से ₹ 310 करोड़ तथा स्मार्ट सिटी मिशन के अन्तर्गत ₹ 1096.38 करोड़ की धनराशि प्रस्तावित की गई है।

समिति द्वारा मेरठ के स्मार्ट सिटी प्रोजेक्ट रुपये 2280.56 करोड़ को अनुमोदित करते हुए स्थानीय स्तर पर किये गये एकात्मिक के क्रियान्वयन हेतु राज्य स्तर पर लोक निर्माण परिवहन गृह एवं सौंपन आवास एवं शहरी नियोजन ऊर्जा नगर विकास एवं नगरीय योजनाएं एवं नगरीय उन्मूलन कार्यक्रम अपराम्परिक ऊर्जा सिधार्थ एवं पर्यावरण विभाग द्वारा पूर्ण सहयोग देने का निर्णय लिया गया जिससे कि स्मार्ट सिटी प्रोजेक्ट का क्रियान्वयन सम्भव हो सके।

4. नगर निगम मुरादाबाद का प्रसूतीकरण— नगर आयुक्त नगर निगम मुरादाबाद द्वारा अधगत कराया गया कि तृतीय राज्य के परन्तत पुनः दिव्य करते हुए भारत सरकार द्वारा तृतीय चरण में उपलब्ध कराये गये सुझावों के आधार पर विजन को परिष्कृत किया गया है। सिटीजन कन्सलटेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point एवं विभिन्न स्टेट होल्डर के सहयोग के आधार पर मुरादाबाद नगर का विजन निर्धारित किया गया है, जो निम्नवत है:-

**Transform "Pectal Nagri" into a Sustainable Growth Center and Livable city.**

उक्त विजन के आधार पर 4 गोलों का निर्धारण किया गया है जो निम्नवत है:-

1. Make in Moradabad
2. Environmental Sustainability
3. Reduce, Reuse, Recycle and Rethink
4. Active & Responsible Governance

उपरोक्त Goals को प्राप्त करने के लिए Make in Moradabad के अन्तर्गत विभिन्न 07 क्षेत्रों की परियोजनाएँ, Environmental Sustainability के अन्तर्गत विभिन्न क्षेत्रों में 11 परियोजनाएँ, Active & Responsive Governance के अन्तर्गत विभिन्न क्षेत्रों 04 परियोजनाएँ, Reduce, Reuse, Recycle and Rethink के अन्तर्गत विभिन्न क्षेत्रों 13 परियोजनाएँ, पैनसिटी प्रोजेक्ट के अन्तर्गत 05 परियोजनाएँ तथा स्मार्ट गर्वनेन्स के अन्तर्गत 11 परियोजनाएँ प्रस्तावित की गई हैं। उपरोक्त योजना के क्रियान्वयन हेतु

## SAHARANPUR—The Liveable Smart City

एडीवी क्षेत्र 1556 एकड़, ₹0 202.00 करोड़, वैन सिटी में ₹0 10 करोड़ की परियोजनाएं प्रस्तावित हैं। इस प्रकार उपरोक्त परियोजनाओं के लिए कुल लागत ₹0 1768 करोड़ है, जिसमें ₹0 622.00 करोड़ कनवरजैन्स के द्वारा, ₹0 182.00 करोड़ पी0पी0पी0 के द्वारा तथा ₹0 964.00 करोड़ स्मार्ट सिटी मिशन के अन्तर्गत प्रस्तावित की गई हैं। योजना में विभिन्न एसेट जो क्रेडिट होंगे उनकी O&M कास्ट भी ₹0 259 करोड़ प्रस्तावित की गई है

समिति द्वारा मुरादाबाद के स्मार्ट सिटी प्रयोजन रुपये 1768 करोड़ तथा, ₹0 259 करोड़ ऑफ एण्ड एगो को अनुमोदित करते हुए स्थानीय स्तर पर किये गये एमओओयू के क्रियान्वयन हेतु राज्य स्तर पर लोक निर्माण, परिवहन, गृह एवं शोपन्, आवास एवं सड़की नियोजन, ऊर्जा, नगर विकास एवं नगरीय रोजगार एवं गरीबी उन्मूलन कार्यक्रम, नैर पारम्परिक ऊर्जा, सिंचाई एवं जल संरक्षण, उद्योग तथा पर्यावरण विभाग द्वारा पूर्ण सहयोग देने का निर्णय लिया गया जिससे कि स्मार्ट सिटी प्रयोजन का क्रियान्वयन सम्भव हो सके।

5. नगर निगम, सहारनपुर का प्रस्तुतीकरण— नगर आवुक्त, नगर निगम सहारनपुर द्वारा अवगत कराया गया कि सिटीजन कन्सल्टेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point भास्त सरकार द्वारा तृतीय राउण्ड में उपलब्ध कराये गये स्मार्ट सिटी प्रयोजन के आधार पर पुनः सहारनपुर नगर का विज्ञान निर्धारित किया गया है, जो निम्नवत है—

*"Saharanpur vision to improve quality of life and leverage economies of Wood Craft and Agro Industries."*

उक्त विज्ञान को प्राप्त करने लिए 02 मुख्य गोलस का निर्धारित किये गये हैं, जो निम्नवत हैं—

1. Reshaping Economy of Wood Craft & Agro Industry
2. Improving Quality of Life

प्रथम गोल के अन्तर्गत विभिन्न क्षेत्रों में 06 परियोजनाएँ, द्वितीय गोल के अन्तर्गत 09 परियोजनाएँ विभिन्न क्षेत्रों में, एरिया बेस्ड डेवलेपमेंट के अन्तर्गत स्वीकृत की गई हैं। वैन सिटी, ट्रान्सपोर्टेशन के अन्तर्गत 06 परियोजनाएँ, रिसोर्सिब गवर्नेन्स के अन्तर्गत 11 परियोजनाएँ प्रस्तावित की गई हैं। ए0बी0डी0 के अन्तर्गत विभिन्न क्षेत्रों में 11 परियोजनाएँ ₹0 1283 करोड़ तथा वैन सिटी के अन्तर्गत 02 परियोजनाएँ ₹0 212 करोड़ प्रस्तावित की गई हैं। ₹0 10 करोड़ की धनराशि प्रोजेक्ट कास्ट एवं डी0पी0आर0 के अन्तर्गत मानते हुए कुल स्मार्ट सिटी का प्रस्ताव ₹0 1505 करोड़ का है, जिसमें से ₹0 955.00 करोड़ स्मार्ट सिटी मिशन द्वारा, ₹0 123 करोड़ कनवरजैन्स द्वारा तथा ₹0 417.00 करोड़ पी0पी0पी0 के अन्तर्गत प्रस्तावित किये गये हैं।

समिति द्वारा सहारनपुर के स्मार्ट सिटी प्रयोजन रुपये 1505 करोड़ को अनुमोदित करते हुए स्थानीय स्तर पर किये गये एमओओयू के क्रियान्वयन हेतु राज्य स्तर पर लोक निर्माण, परिवहन, गृह एवं शोपन्, आवास एवं सड़की नियोजन, ऊर्जा, नगर विकास एवं नगरीय रोजगार एवं गरीबी उन्मूलन कार्यक्रम, नैर पारम्परिक ऊर्जा, सिंचाई, कृषि, चिकित्सा—स्वास्थ्य एवं परिवार कल्याण, उद्योग, पर्यावरण विभाग एवं राज्य विभाग द्वारा पूर्ण सहयोग देने

का निर्णय लिया गया जिससे कि स्मार्ट सिटी प्रोजेक्ट का क्रियान्वयन सम्भव हो सके।

## 6. नगर पालिका परिषद रायबरेली का प्रस्तुतीकरण-

अपर जिला मजिस्ट्रेट/अविशाली अधिकारी, रायबरेली द्वारा अवगत कराया गया कि स्मार्ट सिटी मिशन के अन्तर्गत SWOT Analysis, Strategic Focus Point एवं विभिन्न स्टेकहोल्डर के सहयोग के आधार पर तृतीय चरण में रायबरेली द्वारा स्मार्ट सिटी प्रोजेक्ट बनाया गया था तथा भारत सरकार से प्राप्त कमेन्ट, स्थानीय स्तर पर किये गये पुनः सिटीजन एण्ड स्टेकहोल्डर कन्सल्टेशन के आधार पर स्मार्ट सिटी प्रोजेक्ट के विजन का पुनः निर्धारण किया गया है, जो निम्नवत् है।

“Vision-Develop Raebareli to leverage its existing specialised educational institution for local economic development and quality of life”

उपरोक्त विजन को प्राप्त करने के लिए 05 गोल्स का निर्धारित किये गये हैं, जो निम्नवत् है-

- Economically Vibrant Raebareli
- Strengthening Physical infrastructure
- Green and Clean City
- Strengthening Social Infrastructure
- Citizen-centric Technology-led Governance

उपरोक्त गोल्स को प्राप्त करने के लिए Economically Vibrant Raebareli के अन्तर्गत 03 क्षेत्रों में 10 परियोजनाएं ₹0 150 करोड़, थीम-2 Strengthening Physical infrastructure के अन्तर्गत 28 परियोजनाएं रुपये 630.93 करोड़, Green and Clean City के अन्तर्गत 21 परियोजनाएं ₹0 134.98 करोड़ तथा Strengthening Social Infrastructure के अन्तर्गत 11 परियोजनाएं ₹0 349.07 करोड़ ABD में प्रस्तावित हैं तथा पैनसिटी के अन्तर्गत Citizen-centric Technology-led Governance के अन्तर्गत Mobility & Solid Waste Management के अन्तर्गत परियोजनाएं प्रस्तावित हैं।

इस प्रकार रायबरेली का स्मार्ट सिटी प्रोजेक्ट ₹0 1431.90 करोड़ का है जिसमें स्मार्ट सिटी मद से ₹0 960.72 करोड़ तथा Convergence के माध्यम से ₹0 333.89 करोड़ तथा ₹0 137.29 करोड़ PPP के माध्यम से प्रस्तावित किये गये हैं।

समिति द्वारा रायबरेली के स्मार्ट सिटी प्रोजेक्ट 1431.90 करोड़ रुपये को अनुमोदित करते हुए स्थानीय स्तर पर किये गये MoU के क्रियान्वयन हेतु राज्य स्तर पर लोक निर्माण, परिवहन, गृह एवं गोपन, आवास एवं शहरी नियोजन, ऊर्जा तथा नगर विकास एवं नगरीय रोजगार एवं गरीबी उन्मूलन कार्यक्रम विभाग द्वारा पूर्ण सहयोग देने का निर्णय लिया गया जिससे कि स्मार्ट सिटी प्रोजेक्ट का क्रियान्वयन सम्भव हो सके।

## SAHARANPUR- The Liveable Smart City

- 7 -

प्रस्तावित शहरी पर सम्यक् विचारोपरान्त समिति द्वारा निम्नलिखित प्राथमिकता क्रम में स्मार्ट सिटी के लिये गणना हेतु संस्तुति सहित भारत सरकार को भेजने हेतु मत स्थिर किया गया-

- 1- गाजियाबाद, 2-मुरादाबाद, 3-मेरठ, 4-साहारनपुर, 5-बरेली, 6-रायबरेली
- 7- रामपुर

अन्त में सचिववाद समिति की बैठक समाप्त की गयी।

मनोज कुमार सिंह  
प्रमुख सचिव,  
नगर विकास विभाग।

उत्तर प्रदेश शासन  
नगर विकास अनुभाग-5  
संख्या- 534/नौ-5-2017-179सा/2017  
लखनऊ : दिनांक 28 नवम्बर, 2017

- प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-
- 1- सचिव, आवासन एवं शहरी नियोजन मंत्रालय, भारत सरकार, नई दिल्ली
  - 2- सम्बन्धित अपर मुख्य सचिव/प्रमुख सचिव/सचिव, उ०प्र० शासन।
  - 3- स्टाफ ऑफिसर, मुख्य सचिव, उ०प्र० शासन।
  - 4- निदेशक, नगरीय निकाय निदेशालय, उ०प्र०।
  - 5- मिशन निदेशक(स्मार्ट सिटी), नगरीय निकाय निदेशालय, उ०प्र०।
  - 6- सम्बन्धित जिलाधिकारी।
  - 7- सम्बन्धित उपाध्यक्ष, विकास प्राधिकरण।
  - 8- सम्बन्धित नगर आयुक्त, नगर निगम।
  - 9- सम्बन्धित मुख्य विकास अधिकारी।
  - 10- सम्बन्धित अधिशासी अधिकारी, नागर निकाय।
  - 11- प्रबन्ध निदेशक, उ०प्र० जल निगम, लखनऊ।
  - 12- निदेशक, सीएण्डडीएस, उ०प्र० जल निगम, लखनऊ।
  - 13- बैठक में उपस्थित समस्त अधिकारी।
  - 13- कम्प्यूटर सेल-नगर विकास अनुभाग-5 की वेबसाइट पर अपलोड करने हेतु।
  - 14- वाई फाइल।

  
( रावे कृष्ण )  
संयुक्त सचिव।



SAHARANPUR– The Liveable Smart City

# Annexure 4.2

## Board Resolution for approval of Smart City Proposal, Financial Plan and Constitution of SPV





SAHARANPUR– The Liveable Smart City

# Annexure 4.3 City Profile





## NAGAR NIGAM, SAHARANPUR

### CERTIFICATE

Letter No. 25/SmartCity/2017

Date : 25-11-2017

Reference : Regarding approval of Smart City Proposal of Saharanpur City under Smart City Challenge Round -04.


The Smart City Proposal of Saharanpur city under Smart City Challenge Round -04 is as follows :-

Project Details	Convergence (₹ Cr.)	PPP (₹ Cr.)	Smart City Cost (₹ Cr.)	Total Cost (₹ Cr.)
Total ABD Proposal	87	380	816	1283
Total - Pan City Proposal	36	37	139	212
Total - SCP Cost	124	417	955	1495
Project Preparation and Detail Project Report Preparation (@ 1% of Total SCP Cost)			9.55	
<b>Total Project Cost under Smart City Mission (Rs. Cr.)</b>	<b>124</b>	<b>417</b>	<b>965</b>	<b>1505</b>

- Total O&M Cost (Cr.) : 213.00
- Lifetime Cost (Cr.) : 1718.00

This proposal have to be presented in front of State High Power Steering Committee for approval in Lucknow. This proposal needs prior approval of the Municipal Corporation. Currently Municipal Board is not in existence due to ongoing Municipal Elections, all the powers vests in the Municipal commissioner.

Exercising the powers of the Municipal Board of Saharanpur Municipal Corporation, the proposal is approved for presentation and submission.

  
25.11.17  
Gaurav Verma,  
Municipal commissioner,  
Saharanpur.



स्मार्ट सिटी मिशन निदेशालय, उत्तर प्रदेश



प्रेषक,

राज्य मिशन निदेशक (स्मार्ट सिटी)/निदेशक,  
नगरीय निकाय निदेशालय, उ०प्र०,  
8 वां तल, इन्दिरा भवन,  
लखनऊ।

सेवा में,

सम्बन्धित नगर आयुक्त,  
लखनऊ, इलाहाबाद, कानपुर, वाराणसी, आगरा, मुरादाबाद, अलीगढ़, सहारनपुर, बरेली,  
झांसी, गाजियाबाद।

संख्या-PMU/253/506/2016

दिनांक 7 मई 2016

विषय-भारत सरकार द्वारा स्मार्ट सिटी मिशन के अन्तर्गत जारी दिशा निर्देशों के पैरा 10 के अनुसार मिशन के अन्तर्गत क्रियान्वयन हेतु SPV-Special Purpose Vehicle के गठन के सम्बन्ध में।

महोदय,

उपरोक्त विषयक शासन के पत्रांक-1205/नौ-5-2016-116सा/18 दिनांक-18 अप्रैल 2016 (पत्र संलग्न) का सन्दर्भ ग्रहण करने का कष्ट करें जिसके द्वारा भारत सरकार द्वारा स्मार्ट सिटी मिशन के अन्तर्गत जारी दिशा निर्देशों के पैरा-10 के अनुसार मिशन के अन्तर्गत चयनित नगरों में प्रस्तावित कार्यों का क्रियान्वयन विशेष प्रयोजन साधन (SPV-Special Purpose Vehicle) के माध्यम से कराये जाने की व्यवस्था है।

अतः स्मार्ट सिटी मिशन के अन्तर्गत जारी दिशा निर्देशों के पैरा-10 के अनुसार प्रस्तावित कार्यों के क्रियान्वयन हेतु शासन द्वारा SPV-Special Purpose Vehicle के गठन हेतु स्वीकृति प्रदान करते हुए मण्डलायुक्तों को समिति का अध्यक्ष नामित किया गया है। अतः उक्त के सम्बन्ध में आप मण्डलायुक्त से सम्पर्क स्थापित करते हुए SPV-Special Purpose Vehicle के गठन की कार्यवाही प्राथमिकता पर सुनिश्चित करते हुए कृत कार्यवाही की सूचना शासन एवं निदेशालय को उपलब्ध कराने का कष्ट करें।

संलग्नक-यथोपत।

भवदीय

(राकेश कुमार मिश्र)  
निदेशक

प्रतिलिपि-निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

1-सचिव, नगर विकास, अनुभाग-5, उ०प्र० शासन लखनऊ।

2-श्री आर सी लखचौरा, को वेबसाइट पर अपलोड करने एवं सम्बन्धित को ईमेल द्वारा प्रेषित करने हेतु।

(राकेश कुमार मिश्र)  
निदेशक

## SAHARANPUR–The Liveable Smart City

उत्तर प्रदेश शासन  
नगर विकास अनुभाग-5  
संख्या- 1205/नौ-5-2016-116सा/16  
संलग्नक: दिनांक: 16 अप्रैल, 2016

### प्रस्ताव-ज्ञाप

भारत सरकार द्वारा स्मार्ट सिटी मिशन के अन्तर्गत जारी दिशा-निर्देशों के पैरा-10 के अनुसार मिशन के अन्तर्गत चयनित नगरों में प्रस्तावित कार्यों का क्रियान्वयन विशेष प्रयोजन साधन (SPV-Special Purpose Vehicle) के माध्यम से कराए जाने की व्यवस्था है। अतः स्मार्ट सिटी मिशन के अन्तर्गत जारी दिशा-निर्देशों के पैरा-10 के अनुसार प्रस्तावित कार्यों के क्रियान्वयन हेतु एतद्वारा निम्नानुसार SPV-Special Purpose Vehicle के पट्टन पर राज्यपाल महोदय सहव स्वीकृति प्रदान करते हैं-

(1) साधनऊ, इलाहाबाद, कानपुर, बाराणसी, आगरा, मुरादाबाद, अलीगढ़, साहारनपुर, बरेली, झांसी, गाजियाबाद के लिए :

- |  |   |                                |
|--|---|--------------------------------|
| (1) संविद्या मण्डलसूक्त  | - | अध्यक्ष                        |
| (2) भारत सरकार द्वारा नामित प्रतिनिधि  | - | सदस्य                          |
| (3) उपाध्यक्ष, संबंधित विकास प्राधिकरण   | - | सदस्य                          |
| (4) मुख्य अभियंता, सम्बन्धित विद्युत वितरण कम्पन                                   | - | सदस्य                          |
| (5) सम्बन्धित मुख्य अभियंता, उड्डो कल निगम   | - | सदस्य                          |
| (6) सहायक निरीक्षक, नगर एवं ग्राम्य निर्माण विभाग                                  | - | सदस्य                          |
| (7) निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र, साधनऊ<br>अथवा उनके प्रतिनिधि | - | सदस्य                          |
| (8) मिशन निदेशक (स्मार्ट सिटी)/निदेशक, नगर विकास द्वारा नामित प्रतिनिधि            | - | सदस्य                          |
| (9) संबंधित नगर आयुक्त, नगर निगम   | - | मुख्य कार्यपालक अधिकारी (सीईओ) |

(2) कानपुर के लिए :

- |  |   |                                |
|--|---|--------------------------------|
| (1) निताधिकारी, कानपुर   | - | अध्यक्ष                        |
| (2) भारत सरकार द्वारा नामित प्रतिनिधि  | - | सदस्य                          |
| (3) उपाध्यक्ष, संबंधित विकास प्राधिकरण या उनके प्रतिनिधि                           | - | सदस्य                          |
| (4) मुख्य अभियंता, सम्बन्धित विद्युत वितरण कम्पन                                   | - | सदस्य                          |
| (5) सम्बन्धित मुख्य अभियंता, उड्डो कल निगम या उनके प्रतिनिधि                       | - | सदस्य                          |
| (6) सहायक निरीक्षक, नगर एवं ग्राम्य निर्माण विभाग या उनके प्रतिनिधि                | - | सदस्य                          |
| (7) निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र, साधनऊ<br>अथवा उनके प्रतिनिधि | - | सदस्य                          |
| (8) अपिशासी अधिकारी, नगर वास्तव्य परिषद्, कानपुर                                   | - | सदस्य                          |
| (9) मिशन निदेशक (स्मार्ट सिटी)/निदेशक, नगर विकास, उड्डो द्वारा नामित प्रतिनिधि     | - | सदस्य                          |
| (10) मुख्य विकास अधिकारी, कानपुर   | - | मुख्य कार्यपालक अधिकारी (सीईओ) |

2- उपर्युक्त संरचना के अनुसार विशेष प्रयोजन साधन (SPV-Special Purpose Vehicle) स्मार्ट सिटी विकास परियोजनाओं की योजना, मूल्यांकन, अनुमोदन, जारी निधियों, कार्यान्वयन, प्रबन्ध, संचालन, निगरानी तथा अद्यतन करेगा। एम्पीसी उन सभी दायित्वों का निर्वहन करेगा, जो स्मार्ट सिटी मिशन के दिशा-निर्देशों के पैरा-10 में उल्लिखित हैं।

श्रीप्रकाश सिंह  
सचिव।

## SAHARANPUR- The Liveable Smart City

### संख्या-1205(1)/नौ-5-2016 तद्विनांक

प्रतिस्तिपि विम्बलिखित को सूचनाय एवं आवरकक कर्यवाली हेतु प्रेषित :-

- 1- प्रमुख सचिव, मा0 मुख्यमंत्री जी/विजी सचिव, मा0 मंत्री जी, नगर विकास विभाग।
- 2- सचिव, भारत सरकार, शहरी विकास मंत्रालय, निर्माण भवन, नई दिल्ली।
- 3- प्रमुख सचिव/सचिव, विद्युत/नियोजन/आवास एवं शहरी नियोजन/ऊर्जा/नगर विकास विभाग, उत्तर प्रदेश शासन।
- 4- स्ट्रीट आफिसर, मुख्य सचिव, उत्तर प्रदेश।
- 5- मिशन निदेशक (स्वच्छ भारत), भारत सरकार, शहरी विकास मंत्रालय, नई दिल्ली।
- 6- स्टेट मिशन डायरेक्टर (स्मार्ट सिटी)/निदेशक, नगर विकास, उ0प्र0, लखनऊ।
- 7- निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र, लखनऊ।
- 8- सम्बन्धित मण्डलाधिकारी/जिलाधिकारी, उत्तर प्रदेश।
- 9- सम्बन्धित उपाय्यक, विकास प्राधिकरण, उत्तर प्रदेश।
- 10- सम्बन्धित नगर आयुक्त, नगर निगम, उत्तर प्रदेश।
- 11- मुख्य विकास अधिकारी, रामपुर।
- 12- सम्बन्धित अधिशासी अधिकारी, नगर पालिका परिषद्, उत्तर प्रदेश।
- 13- प्रबंध निदेशक, उत्तर प्रदेश जल निगम, लखनऊ।
- 14- निदेशक, सी0एण्डडी0एस0, उत्तर प्रदेश जल निगम, लखनऊ।
- 15- मुख्य अभियन्ता, सम्बन्धित सम्बन्धित विद्युत वितरण मण्डल।
- 16- सम्बन्धित मुख्य अभियन्ता, उ0प्र0 जल निगम।
- 17- सम्बन्धित सहयुक्त नियोजक, नगर एवं ग्राम्य नियोजन विभाग।
- 18- संयुक्त निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र, लखनऊ।
- 19- आई फाईल/कम्प्यूटर सेल।

आज्ञा से,  
  
( उमा शंकर सिंह )  
विशेष कृषिअधिकारी

**Annexure 4.3 City Profile: Increase in Road Length (2016-17)**

Saharanpur Development Authority,  
Saharanpur, Uttar Pradesh

To,  
Municipal Commissioner,  
Saharanpur Municipal Corporation,  
Uttar Pradesh  
25.10.2017

Sub.: Regarding Transportation related data for Smart City Round 4 Proposal preparations for Saharanpur.

We acknowledge the following data asked by consultant from Darashaw & Company for Smart City Round 4 proposal preparation of Saharanpur City.

**Responses to Transportation related data:**

1. New Road Network development in year 2016-17: *NIL*
2. Length of newly added Dividers (km) in year 2016-17: *7.6 KM*
3. No. of authorized parking lots increased (no.) in year 2016-17: *NIL*
4. ROW Expansion details(km)
  - Ghantaghar-Ambala Road- Length(km): *NIL* Project cost: *NIL*  
Comment of present status:
  - Ghantaghar-Hasanpuri colony- Length: *NIL* Project cost: *NIL*  
Comment of present status:
5. Available land for parking locations regarding which we claim there is NO *NIL* objection in utilising for :
  - TWO ON street parking with mentioned area (suggested along Railway station *NIL* road & Mandi samiti road):
    1. *NIL*
    2. *NIL*
  - Multi-level underground parking (suggested Delhi bus stand, Jubilee park): *NIL*

डा. अरु  
26/10/17  
*[Signature]*

*[Signature]*  
सहायक अभियन्ता  
सहारनपुर विकास प्राधिकरण  
सहारनपुर

*[Signature]*  
अधीक्षण अभियन्ता  
सहारनपुर विकास प्राधिकरण  
सहारनपुर

*[Signature]*  
Saharanpur Development Authority,  
Saharanpur  
Uttar Pradesh

## Annexure 4.3 City Profile: Increase in Road Length (2013-16)

स्थानीय निकायों में विभिन्न प्रकार की सड़कों की लम्बाई का विवरण (वर्ष 2013-14)

जनपद सहारनपुर

निकाय का नाम :- नगर निगम सहारनपुर

लम्बाई :- कि०

क्र०सं०	सड़क का प्रकार	वर्ष 2013-14 निकाय द्वारा नवनिर्मित सड़क की लम्बाई	वर्ष 2013-14 में सड़क नव निर्माण पर किया गया व्यय	वर्ष 2013-14 में सड़क अनुरक्षण पर किया गया व्यय	धनराशि लाख में कुल व्यय (4+5)	31.03.14 को निकाय क्षेत्र में सड़क की कुल लम्बाई
1	2	3	4	5	6	7
1	पक्की सड़क	15.50	907.61	556.68	1464.29	1155.46
2	अर्ध पक्की सड़क	3.20	55.78	-	55.78	124.29
3	कच्ची सड़क	-	-	-	-	503.47
	योग	18.70	963.39	556.68	1520.07	1783.22

स्थानीय निकायों में विभिन्न प्रकार की सड़कों की लम्बाई का विवरण (वर्ष 2014-15)

जनपद सहारनपुर

निकाय का नाम :- नगर निगम सहारनपुर

लम्बाई :- कि०मी० में

क्र०सं०	सड़क का प्रकार	वर्ष 2014-15 निकाय द्वारा नवनिर्मित सड़क की लम्बाई	वर्ष 2014-15 में सड़क नव निर्माण पर किया गया व्यय	वर्ष 2014-15 में सड़क अनुरक्षण पर किया गया व्यय	धनराशि लाख में कुल व्यय (4+5)	31.03.15 को निकाय क्षेत्र में सड़क की कुल लम्बाई
1	2	3	4	5	6	7
1	पक्की सड़क	0.00	0.00	0.00	0.00	1155.46
2	अर्ध पक्की सड़क	0.00	0.00	-	0.00	124.29
3	कच्ची सड़क	-	-	-	-	503.47
	योग	0.00	0.00	0.00	0.00	1783.22

स्थानीय निकायों में विभिन्न प्रकार की सड़कों की लम्बाई का विवरण (वर्ष 2015-16)

जनपद सहारनपुर

निकाय का नाम :- नगर निगम सहारनपुर

लम्बाई :- कि०मी० में

क्र० सं०	सड़क का प्रकार	31.03.2015 को निकाय क्षेत्र में सड़क की कुल लम्बाई	वर्ष 2015-16 निकाय द्वारा नवनिर्मित सड़क की लम्बाई	वर्ष 2015-16 में सड़क नव निर्माण पर किया गया व्यय	वर्ष 2015-16 में सड़क अनुरक्षण पर किया गया व्यय	कुल व्यय (4+5)	31.03.16 को निकाय क्षेत्र में सड़क की कुल लम्बाई
1	2	3	4	5	6	7	8
1	पक्की सड़क	1195.82	4.25	375.47	2250.35	2625.82	1205.07
2	अर्ध पक्की सड़क	127.32	1.17	27.54	7.15	8.32	128.29
3	कच्ची सड़क	460.09	0.00	0.00	0.00	0.00	449.66
	योग	1783.23	5.42	403.01	2257.50	2634.14	1783.02

## Annexure 4.3 City Profile: Vehicle growth Details (2014-17)

**कार्यालय सम्भागीय परिवहन अधिकारी, सहारनपुर**  
देहरादून रोड़, ट्रांसपोर्टनगर, सहारनपुर-247001 (उ०प्र०)

पत्रांक: 107 / साना प्रज्ञा. / स्मार्ट सिटी / 2017 दिनांक: 07.02.2017  
सेवा में,

मुख्य अभियन्ता,  
नोडल अधिकारी,  
स्मार्ट सिटी, सहारनपुर।

विषय :- स्मार्ट सिटी योजना के तृतीय चरण-2017 के सम्बन्ध में आवश्यक सूचना उपलब्ध कराने के संबंध में।

महोदय,

कृपया उपर्युक्त विषयक अपने पत्र संख्या 11 / स्मार्ट सिटी / 2017 दिनांक 23.01.2017 का संदर्भ ग्रहण करने का कष्ट करें।

इस संबंध में स्मार्ट सिटी योजना के तृतीय चरण-2017 के सम्बन्ध में इस कार्यालय सम्बन्धित सूचनाएं आपको आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न-उपरोक्तानुसार।

भवदीय  
सहायक सम्भागीय परिवहन अधिकारी  
(प्रशासन) सहारनपुर।

### सहारनपुर जनपद में कुल पंजीकृत वाहनों की संख्या वाहनवार

जनपद का नाम - सहारनपुर

क्र.सं.	वर्ष	बस	ट्रक	टैक्सी	मैक्सी	ऑटो रिक्शा	मोटर साईकिल / स्कूटर	कार/जीप
1	2	3	4	5	6	7	8	9
1	2014-15	102	603	14	47	171	31338	1367
2	2015-16	118	641	18	53	319	38561	1951
3	2016-17 (31.01.17)	50	455	17	20	844	30609	1826

सहायक सम्भागीय परिवहन अधिकारी  
(प्रशासन) सहारनपुर



## Annexure 4.3 City Profile: Bus Routes & Permits Details

सहारनपुर सम्भाग के अन्तर्गत पढ़ने वाले निजी बस मार्गों का विवरण :  
जनपद सहारनपुर के अन्तर्गत पढ़ने वाले अराष्ट्रीयकृत मार्ग

क्र. सं.	मार्ग का नाम	कुल दूरी	श्रेणी	परमिटों की संख्या
1	सहारनपुर-धिलकाना एवं सहबद्ध मार्ग	83	ए	57
2	सहारनपुर-शाकुम्बरी देवी वाया कालूवाला मार्ग	97	बी	47
3	सहारनपुर-जहाँदापांखा एवं सहबद्ध मार्ग	81	बी	42
4	तीतरी-ननीता-अकबरपुर मार्ग	36	बी	12
5	चुन्दरपुर-शाकुम्बरी देवी वाया कालूवाला मार्ग	45	बी	18
6	चन्दनाकोली-देवबन्द-बरला मार्ग	25	ए	49
7	सहारनपुर-विकासनगर मार्ग	96	ए	96
8	बिहारीगढ़-बुग्गावाला मार्ग	3	ए	06
9	रुड़की-गागतहेड़ी	54	ए	54
10	सहारनपुर-रामपुर-सागाहेड़ी-न्यूजनुनाब्रिज मार्ग	31	ए	33
11	कुटेशारा-देवबन्द-जटौल-मझौल-झबरेडा-सहारनपुर	55	ए	24

सहारनपुर सम्भाग के अन्तर्गत पढ़ने वाले निजी बस मार्गों का विवरण :  
जनपद सहारनपुर के अन्तर्गत पढ़ने वाले राष्ट्रीयकृत मार्ग  
(उत्प्ररा राज्य सड़क परिवहन निगम के मार्गों की सूची)

क्र. सं.	मार्ग का नाम	कुल दूरी	श्रेणी
1	देवबन्द-बड़गाँव-ननीता-गंगोह-बसी	36	ए
2	देवबन्द-बड़गाँव-रामपुर-अम्बेहटा-नकुड़	42	ए
3	देवबन्द-लखनीता-गंगोह-रुड़की	72	ए
4	सहारनपुर-फदपुरी-नकुड़-शोरमऊ-गंगो-लखनीता-बसी	64	ए
5	सहारनपुर-फदपुरी-खेड़ाअफगान-अम्बेहटा-गंगोह-तितरी-जलालाबाद	56	ए
6	सहारनपुर-भगवानपुर-कुडिवाला	45	ए
7	सहारनपुर-सिड़की-झबरेडा-राठौली-जखनीता-गुरुकुल-नारसन	42	ए

*Handwritten signature and date: 07.2.18*

## Annexure 4.3 City Profile: Water Supply Network, Capacity & NRW details

### JAL KAL, Saharanpur Municipal Corporation, Saharanpur, Uttar Pradesh .

To,

Municipal Commissioner,

Saharanpur Municipal Corporation,

Uttar Pradesh

25.10.2017.

Sub.: Regarding Water supply related data asked for Smart City Round 4 Proposal preparations for Saharanpur.

We acknowledge the following data asked by consultant from **Darashaw & Company** for Smart City Round 4 proposal preparation of Saharanpur City.

Responses to Water Supply related data:

1. Supply hours per day(hrs.)in 2016-17:14 hrs.
2. Water supply coverage(km)till date(2016-17) :65% (According to road length), 33% (According to households), 62.09% (According to the water supply network availability)
3. Total length of water supply lines(km):- 540 Km
4. Household coverage increased in (% or no.)(2016-17) :1798
5. Total no. of tubewells (no.) till date 2016-17:97
6. No. of New tubewells added in (2016-17) :3
7. Solar based tubewells pump details(values as given below)  
Specifications:20 H.P = 2 No, 30 H.P = 2 No  
No: - 4  
Project cost:  
Current status of the project:Work in progress.

8. No. of Manpower engaged for tubewells operations & maintenance(no.): (Also give salary amount paid monthly to them):- 23 + 160 (Out Sourcing)

S.No	Employer List	Number	Type	Salary Detail (Month wise)
1	Assistant Fitter	4	Permanent	163850
2	Balder	19	Permanent	1459057
3.	Pump Attendant	160	Out sourcing	800000

## Annexure 4.3 City Profile: Water Supply Network, Capacity & NRW details

9. Non-Revenue Water reduction (% values) till date 2016-17(if possible show year wise) as follows:

2013-14:- Nil

2014-15:- Nil

2015-16: 40%

2016-17:39%

10. Leakage detection status: (comment, which all prone areas and initiative taken by JAL KAL to improve the condition:  
Complaint received by public through control room and complaints are rectified in 24 hours. From April 2017, the number of leakages attended 882.


11. Current status and data related to proposed/ planned Comprehensive Water Supply or water management plan:

Strategic Plan:

- In water supply project (Part-1), we have proposed distribution system 104.81 KM, tube well – 7, Storages – ~~4.00~~ 4(O.H.T) and house connection 9620 amounting to 29.30 Crore.
- In water supply project (Part-2), we have proposed distribution system 103.45 KM, tube well – 5, Storages – 3.OHT and house connection 7060 and on water testing lab, amounting to 29.30 Crore.

Estimated Cost involved/funded: fund not released

Estimated duration of completion: 2020

  
साहारनपुर नगर निगम (जल)  
JAL KAL  
साहारनपुर नगर निगम  
Saharanpur Municipal Corporation,  
Saharanpur, Uttar Pradesh

## Annexure 4.3 City Profile: AMRUT SAAP Report for details of Increase in Water Supply coverage (2015-17)

### SERVICE LEVELS

The focus of AMRUT is to achieve service level benchmarks, such as universal coverage in water supply, sewer connections, and so on. In the approved SAAPs, the States/ULBs have targeted the benchmark of universal coverage. The SAAP has to review the progress towards targets set by the States/ULBs to move towards achievement of universal coverage, etc. The status of service level in water supply and sewerage is given below:

#### Service level in Water Supply Sector

Service Levels in Water Supply Sector							
SN	Name of City	Service Level Benchmark	SAAP Baseline	SAAP Mission Target		For the last Financial Year	
			(As in 2015)	2015-16	2016-17	Target upto beginning of current FY	Achievement upto beginning of current FY
1	2	3	4	5	6	7	8
1	Agra	HH Cov	48	56	59	56	-
2	Allahabad	HH Cov	78	81	85	81	-
3	Ghaziabad	HH Cov	60	85	88	85	-
4	Kanpur	HH Cov	52	58	60	58	-
5	Lucknow	HH Cov	63	91	93	91	-
6	Meerut	HH Cov	51	63	70	63	-
7	Varanasi	HH Cov	67	90	93	90	-
<b>Million Plus Cities-7</b>							
1	Aligarh	HH Cov	36	51	62	51	-
2	Bareilly	HH Cov	47	51	55	51	-
3	Firozabad	HH Cov	40	40	41	40	-
4	Gorakhpur	HH Cov	60	66	67	66	-
5	Jhansi	HH Cov	35	60	66	60	-
6	Moradabad	HH Cov	54	57	58	57	-
7	Saharanpur	HH Cov	32	51	55	51	-

**Annexure 4.3 City Profile: Details of Water pumps (2014-16)**

कार्यालय महा प्रबन्धक (जल) जल-कल विभाग नगर निगम सहारनपुर  
(वर्ष 01.04.2014-31.03.2015 तक) चालू नलकूपों की सूची

क्र.सं.	नलकूप का नाम	चालू	दिनांक / वर्ष
1.	सदर थाना (हकीकत नगर टकरी)	चालू	01/2014
2.	हुसैन बस्ती	चालू	07/2014
3.	पारस पुरम ब्रेड रोड	चालू	07/2014
4.	चक्रवर्ती रोड (बागेश्वर मन्दिर के सामने)	चालू	07/2014
5.	सराय मर्दान अली तेलियो वाला चौक	चालू	07/2014
6.	प्रेमपुरी ब्रेड रोड	चालू	07/2014
7.	शकेश टाकिज	चालू	07/2014
8.	हकीकत नगर चौक (रिबोरिंग)	चालू	08/2014
9.	पुलिया आजाद कालोनी 62 फुट रोड	चालू	08/2014
10.	आन्नद नगर पार्क	चालू	08/2014
11.	पन्त बिहार नलकूप	चालू	09/2014
12.	पंजाबी बाग	चालू	09/2014
13.	माहीपुरा	चालू	09/2014
14.	पाउल्स ब्रिज (गिल कालोनी)	चालू	09/2014
15.	शिराज कालोनी खाला खेडी	चालू	11/2014
16.	बाल्मीकी बस्ती जनता रोड (मिनी नलकूप)	चालू	11/2014
17.	गडी मलुक (रिबोरिंग)	चालू	01/2015
17.	प्रकाश लोक शविता बिहार पार्यती घान	चालू	03/2015

  
महा प्रबन्धक (जल)  
नगर निगम सहारनपुर

कार्यालय महा प्रबन्धक (जल) जल-कल विभाग नगर निगम सहारनपुर  
(वर्ष 01.04.2015-31.03.2016 तक) चालू नलकूपों की सूची

क्र.सं.	नलकूप का नाम	चालू	दिनांक / वर्ष
1.	मातागढ़ (रिबोरिंग)	चालू	04/2015
2.	मल्हीपुर रोड विनोद बिहार	चालू	04/2015
3.	धोबी वाला	चालू	06/2015
4.	गाडो का चौक	चालू	06/2015
5.	लेवर कालोनी (रिबोरिंग)	चालू	10/2015
6.	शाहनूर जी (रिबोरिंग)	चालू	11/2015
7.	मट्टा कालोनी	चालू	12/2015
8.	नदीम कालोनी सिफाखाना	चालू	01/2016
9.	नवावा रोड मोंडीपार्क	चालू	01/2016
10.	एकता कालोनी मलीन बस्ती	चालू	01/2016
11.	पुष्पाजली बिहार जनता रोड	चालू	02/2016
12.	खटीको का कुआ (मिनी नलकूप)	चालू	01/2016
13.	सराय शाहजी (मिनी नलकूप)	चालू	01/2016
14.	इन्दा चौक (पशु मण्डी नलकूप)	चालू	01/2016


  
महा प्रबन्धक (जल)  
नगर निगम सहारनपुर

## Annexure 4.3 City Profile: Details of Water pumps (2014-16)

कार्यालय महा प्रबन्धक (जल) जल-कल विभाग नगर निगम सहारनपुर

(वर्ष 01.04.2016–31.12.2016 तक) चालू नलकूपों की सूची

क्र.सं.	नलकूप का नाम	चालू	दिनांक / वर्ष
1.	खाल्ता खेड़ी टकी	चालू	06/2016
2.	डिफेंस कालोनी बेहट रोड	चालू	06/2016
3.	झोटे वाला (मिनी नलकूप)	चालू	06/2016
4.	नवादा रोड घोड़ा कालोनी	चालू	05/2016
5.	ग्राम घक हरेटी जनता रोड	चालू	06/2016
6.	सन्त नगर (मिनी नलकूप)	चालू	08/2016
7.	आवास विकास सामुदायिक केंद्र	चालू	08/2016
8.	हबीब गड खगूर कालोनी	चालू	09/2016
9.	वरुण बिहार	चालू	09/2016
10.	तारहर पुर	चालू	09/2016

  
महा प्रबन्धक (जल)  
नगर निगम सहारनपुर

## Annexure 4.3 City Profile: Sewerage Network Details

### JAL KAL, Saharanpur Municipal Corporation, Saharanpur, Uttar Pradesh

To,

Municipal Commissioner,

Saharanpur Municipal Corporation,

Uttar Pradesh

25.10.2017

Sub.: Regarding Sanitation & Sewerage related data asked for Smart City Round 4 Proposal preparations for Saharanpur.

We acknowledge the following data asked by consultant from Darashaw & Company for Smart City Round 4 proposal preparation of Saharanpur City.

#### Responses to Sanitation & Sewerage related Data:

1. Coverage of sewerage line(in %) in the city till date (2017) : 7%

2. Length of sewerage line(km) till date (2017) : 66 Km

3. Length of sewerage line newly added (km) in (2016-17) : Nil

4. STP details-

#### A. Current STP details:

- Capacity(MLD) : 38
- Project Cost involved:
- Location: Malipur (Malahipur)
- Current status: Functioning

#### B. Proposed STP details:

- Capacity(MLD): 52 + 32
- Estimated Project Cost: 173.88 Crore
- Location: Malipur (Malahipur)
- Current status on progress and fund released : No fund release

## Annexure 4.3 City Profile: AMRUT SAAP Report for details of Increase in Sewerage coverage (2015-17)

### SERVICE LEVEL IN SEWERAGE SECTOR

Service Levels in Sewerage & Sanitation Sector							
SN	Name of City	Service Level Benchmark	SAAP Baseline	SAAP Mission Target		For the last Financial Year	
			(As in 2015)	2015-16	2016-17	Target upto beginning of current FY	Achievement upto beginning of current FY
1	2	3	4	5	6	7	8
1	Agra	Netwk Cov	40.58	52.00	60.00	52.00	-
2	Allahabad	Netwk Cov	48.53	73.00	75.00	73.00	-
3	Ghaziabad	Netwk Cov	83.82	87.00	90.00	87.00	-
4	Kanpur	Netwk Cov	38.40	42.00	45.00	42.00	-
5	Lucknow	Netwk Cov	39.40	58.00	65.00	58.00	-
6	Meerut	Netwk Cov	50.63	58.00	59.00	58.00	-
7	Varnasi	Netwk Cov	59.85	76.00	80.00	76.00	-
<b>Million Plus Cities- 7</b>							
8	Aligarh	Netwk Cov	3.54	3.54	20.00	3.54	-
9	Bareilly	Netwk Cov	41.40	41.40	45.00	41.40	-
10	Firozabad	Netwk Cov	54.00	54.00	60.00	54.00	-
11	Gorakhpur	Netwk Cov	11.96	15.00	20.00	15.00	-
12	Jhansi	Netwk Cov	-	-	-	-	-
13	Moradabad	Netwk Cov	-	40.00	52.00	40.00	-
14	Saharanpur	Netwk Cov	18.65	20.00	28.00	20.00	-



## Annexure 4.3 City Profile: Increase in Latrine Coverage (2017)

### SEWERAGE AND SEPTAGE MANAGEMENT PROJECTS

Prioritization of Sewerage Projects for 3rd SAAP (FY 2017-18 To 2019-20)											
Name of State		Uttar Pradesh			SAAP Provision 2015-20						Priority of the Projects
SN	Name of the City	Per Capita Quantum of Water Supplied	Coverage of Latrines	Coverage of Sewer Network (%)	Total Project Cost Demanded for Sewerage System for Mission Period	Project Cost Demanded for Septage Management For Mission Period	Project Cost Demanded by Cities for FY 2015-16	Project Cost Demanded by Cities for FY 2016-17	Project Cost Demanded by Cities for FY 2017-18 to 2019-20	Total Mission Period Allocation (6+7+8)	
1	2	3	4	5	6	7	8	9	10	11	12
<i>Amount in Rs: Crore</i>											
1	Agra	176	88	41	1,440.12	-	42.00	100.00	110.00	252.00	1
2	Allahabad	226	98	49	538.65	-	133.74	66.00	15.00	214.74	2
3	Ghaziabad	120	93	84	684.02	-	307.01	70.00	55.00	432.01	3
4	Kanpur	210	86	38	2,565.00	-	64.99	150.00	60.00	274.99	6
5	Lucknow	189	90	39	5,950.00	-	164.99	180.00	240.00	584.99	3
6	Meerut	175	98	51	3,036.41	-	50.00	100.00	175.00	325.00	1
7	Varanasi	206	98	60	1,101.07	-	105.00	95.00	95.00	295.00	2
	<b>Sub Total-A</b>				<b>15,315.27</b>	<b>-</b>	<b>867.73</b>	<b>761.00</b>	<b>750.00</b>	<b>2,378.73</b>	
1	Aligarh	90	95	4	776.99	49.52	-	80.00	15.00	95.00	3,4,5,6
2	Bareilly	126	97	41	384.50	-	-	40.00	131.00	171.00	3
3	Firozabad	214	83	54	385.69	-	-	40.00	-	40.00	1
4	Gorakhpur	135	94	12	1,338.00	-	60.00	98.00	40.00	198.00	1,3
5	Jhansi	126	85	-	1,787.87	-	-	3.25	15.00	18.25	2
6	Moradabad	186	87	-	854.31	-	80.00	50.00	15.00	145.00	1
7	Saharanpur	134	98	19	412.22	2.88	53.00	50.00	30.00	133.00	1
8	Shahjahanpur	70	39	-	45.55	-	-	-	-	-	-
9	Anroha	45	91	-	181.54	22.58	-	-	10.00	10.00	
10	Ayodhya								35.00	35.00	
11	Azamgarh	196	90	-	40.81	10.87	40.80	10.69	5.00	56.49	3
12	Bahraich	106	87	-	264.50	18.44	-	15.00	-	15.00	2

## Annexure 4.3 City Profile: AMRUT Financial Details for Water Supply Project in Saharanpur City

### कार्यालय महाप्रबन्धक (जल) जलकल विभाग नगर निगम सहारनपुर अमृत योजना

अटल नदीनीकरण एवं शहरी सफाईपरम मिशन (अमृत योजना के अन्तर्गत जलापूर्ति व्यवस्था को सुदृढ़ करने एवं नगर निगम क्षेत्र को प्रत्येक भवन को पाईप लाईन से आच्छादित करने हेतु निम्न Improvement Plan बनाया गया। वर्तमान में 97 नलकूप एवं 11 शीर्ष जलाशय व 510 विद्यगी0 पाईप लाईन के माध्यम से नागरिकों को जलापूर्ति की जा रही है।

- |   |  |                       |
|---|--|-----------------------|
| 1 | 403 किमी0 पाईप लाईन डालकर सभी आवासों को जल संयोजन से कवर करने हेतु।                          | ₹0 28.88 करोड़        |
| 2 | लिक डिटेक्शन एंव पुरानी लाईनों को बदलने का कार्य।  | ₹0 99 करोड़           |
| 3 | 28 नदीन नलकूपों का निर्माण 2021 की मांग के अनुसार एवं 36 एम.एल.टी. के शीर्ष जलाशय का निर्माण | ₹0 48.85 करोड़        |
| 4 | लेव या अधिव्यापन   | ₹0 30 करोड़           |
|   | <b>कुल</b>   | <b>₹0 74.00 करोड़</b> |

उक्त Improvement Plan के विरुद्ध वर्ष 2015-16 में रुपये 28.88 करोड़ एवं वर्ष 2016-17 में 20 करोड़ का प्राविधान किया गया है। (48.85)

- |   |   |                         |
|---|---|-------------------------|
| 1 | उपरोक्त के विरुद्ध परियोजना प्रबन्धक उ0प्र0 जल निगम सहारनपुर द्वारा 07 नलकूपों का निर्माण 04 शीर्ष जलाशय 1620 मीटर राईजिंग मेन 104.48 किमी0 पाईप लाईन बिछाने एवं नागरिक जल संयोजन हेतु रुपये 29.30 करोड़ का DPR शसन को स्वीकृति हेतु प्रेषित किया गया है। योजना स्वीकृत हो चुकी है। धन आवंटन नहीं किया गया है।                            |                         |
| 2 | सीवरेंज एवं सैण्टिक मैनेजमेंट वर्तमान में नगर निगम सहारनपुर के अन्तर्गत 69 किमी0 सीवर लाईन पक्की हुई है। तथा 38 एम.एल.टी. का सीवर ट्रीटमेंट प्लांट कार्यरत अवस्था में है। सीवरेंज योजना के अन्तर्गत नगर में सभी भवनों तक सीवर लाईन पहुंचाने नागरिक सीवर संयोजन एवं सीवरेंज को जोड़ित करने हेतु निम्न Improvement Plan प्तान बनाया गया है। |                         |
| 1 | कन्सुमिडि सैण्टिक टैंक बायो कर्डेजेस्टा   | ₹0 14.43 करोड़          |
| 2 | 800 किमी0 सीवर लाईन डालने का कार्य।   | ₹0 986 करोड़            |
| 3 | पुरानी सीवर लाईन बदलने का कार्य।  | ₹0 25.20 करोड़          |
| 4 | 52 एम.एल.टी.+32 एम.एल.टी. के सीवर ट्रीटमेंट प्लांट का निर्माण एवं उससे सम्बन्धित पम्पिंग स्टेशनों का निर्माण कार्य।   | ₹0 173.88 करोड़         |
| 5 | वर्तमान में कार्यरत 38 एम.एल.टी. सीवर ट्रीटमेंट प्लांट के पुनरुद्धार का कार्य।  | ₹0 17.84 करोड़          |
|   | <b>कुल</b>  | <b>₹0 1197.35 करोड़</b> |

उपरोक्त के विरुद्ध वर्ष 2015-16 में 55.88 करोड़ एवं वित्तीय वर्ष 2016-17 में 50 करोड़ का प्राविधान किया गया। उपरोक्त की डी0पी0आर0 को बनाने का कार्य परियोजना प्रबन्धक निर्माण इंफर्रड उत्तर प्रदेश जल निगम सहारनपुर द्वारा किया जा रहा है। सहारनपुर सीवरेंज योजना फेज-1 सबजोन-1 ₹0 108.64 व ₹0 2.30 करोड़ O&M के अन्तर्गत डी0पी0आर0 प्रेषित की गयी है।

- |   |   |  |
|---|---|--|
| 3 | सहारनपुर नगर निगम में पार्कों के विकास हेतु 4 पार्कों को Improvement Plan रुपये 1.0498 करोड़ का बनाया गया था, जिसमें से वित्तीय वर्ष 2015-16 में 429 करोड़ का प्राविधान किया गया था।<br>नगर निगम सहारनपुर द्वारा इकीकतनगर, चन्द्रनगर, पन्त बिहार के पार्कों की डी0पी0आर0 प्रस्तुत की गयी थी, जिसकी स्वीकृति दिनांक 10.6.2018 को प्राप्त हो गई है। योजना की लागत ₹0 5508 करोड़ है। शासनदेश दिनांक 8.9.2018 द्वारा प्रथम किरत ₹0 5.50 लाख केन्द्रास व ₹0 3.31 लाख राज्यांश- प्रथम किरत के रूप में अंशदित कर दिया गया है। टैप्टर शुनाम आचार संहिता के उपरान्त आमंत्रित किये जादेंगे। |  |
|---|---|--|

( प्रमोद कुमार )  
महाप्रबन्धक (जल)  
नगर निगम, सहारनपुर

**Annexure 4.3 City Profile: AMURT Water Supply Network, Gap, Leak detection, Tubewell & water testing lab**

City-Saharanpur

### Water Supply

(Amount in Rs. Cr)

Sr. No.	Project Name	Physical Components	Change in Service Levels			Estimated Cost
			Indicator	Existing (As-is)	After (To-be)	
1	<ul style="list-style-type: none"> <li>Public awareness to increase HH Connections –IEC, regularization of un-authorized connections,</li> </ul>	1-connection regularization 27000@100/Cnn- ection	HH Conctection Coverage	31.92%	100%	0.27 Cr
2	<ul style="list-style-type: none"> <li>GAP in existing water supply line with HH connections for un covered areas. 403 KM of pipeline to be laid.</li> </ul>	403 KM@0.066 Cr/Km	HH Coverage with Pipeline and water connection	54.40 %	100%	26.59 Cr
3	<ul style="list-style-type: none"> <li>Leak detection and removal</li> <li>Replacement of old pipelines along with HH connections</li> </ul>	15KM @ 0.066 Cr/Km	NRW Reduction	40 %	20%	0.99 Cr
4	<ul style="list-style-type: none"> <li>28 no's of new tube wells to be bored to meet the demand of 2021 along with the scade system.</li> <li>For increasing water supply pressure 35 ML capacity of elevated tanks to be added</li> </ul>	28 New Tube wells @ 0.418 Cr/tube well	To sustain pre capita water supply		100%	15.06 Cr
		35 ML OHT @0.88 Cr/ML	To increase pressure in distribution system		100%	30.79 Cr
	<ul style="list-style-type: none"> <li>To establish a Lab for water testing.</li> </ul>	On lab @0.30 Cr	Quality Improvement	0		0.30 Cr
74.00 Cr						

**Annexure 4.3 City Profile: AMURT Sewerage Network details**

City: Saharanpur

Sewerage

(Amount in Rs. Cr)

Sr. No.	Project Name	Physical Components	Change in Service Levels			Estimated Cost
			Indicator	Existing (As-Is)	After (To-be)	
1	COMMUNITY SAPTIK TANKS AND BIODIGESTERS	COMMUNITY SAPTIK TANKS AND BIODIGESTERS 30000 X 4810	100%	7.42%	100%	14.43 Cr
2	Coverage by sewerage network	Laying of 600Km of sewer line 1616/Km				96.58Cr
3	Old Sewer Line Replacement	Replacement of old sewer line 300Km 86846/Km				25.20Cr
4	To increase treatment capacity	Construction of IPS/MPS of 84MLD	100%	38%	100%	67.20Cr
5	To increase treatment capacity	Construction of STP 84MLD	100%	38%	100%	106.68Cr
6	To make system energy efficient	Strengthen of old STP ETC.				17.84Cr
Total						1197.95Cr

**Annexure 4.3 City Profile: AMRUT Project Details for Saharanpur**

**SAHARANPUR WATER SUPPLY REORGANIZATION SCHEME (PART-I)  
DISTRICT- SAHARANPUR  
GENERAL ABSTRACT OF COST (COMPREHENSIVE)**

NO	PARTICULARS	QUANTITY	AMOUNT
1	2	3	4
(A)	<b>E &amp; M WORKS</b>		
1	Tube well	7 nos.	107.607
2	Pumping plant/ stabilizer	7 nos.	57.001
3	Chlorinating Plant	7 nos.	1.760
5	Maintenance of pumping plant	7 job	8.738
6	Electrification	7 job	2.940
Total in lac Rs. (A)			178.234
(B)	<b>CIVIL WORKS</b>		
1.	Pump House & Chlorinator	7 nos.	24.570
2.	R.C.C. Overhead tank (2100 KL/ 18 m, 1900 KL/18 m, 1000 KL/ 18 m and 1500 KL)	4 nos.	674.740
3.	Rising Main	1620 m	66.940
4.	Distribution System	104.481 kms.	1801.176
5.	Staff quarter	3 set	34.505
6.	Boundary wall, approach road and gate	640 m	68.918
7.	Hiring of Godown	Job	6.120
8.	Ground water recharging	4 nos.	6.655
9.	Survey, design etc.	104.481 kms.	4.705
Total Rs in lac (B)			2306.830
Total of (A) & (B) (Rs in lac)			2485.164
Transmission line		7 job	33.362
Grand total in lac Rs.			2518.526

*[Signature]*  
Project Engineer

## Annexure 4.3 City Profile: Details of Public & Community Toilets

### व्यक्तिगत सामुदायिक तथा सार्वजनिक शौचालय

व्यक्तिगत शौचालय (IHHT)–मिशन टॉरगेट– 16864

व्यक्तिगत शौचालयों संख्या जिनके लिये शासन से प्रथम किस्त प्राप्त हुई (रु0 4000/-शौचालय)	व्यक्तिगत शौचालयों संख्या जिनके लिये शासन से प्रथम किस्त का भुगतान किया जा चुका है। (रु0 4000/- शौचालय)	प्रथम किस्त के भुगतान हेतु अवशेष व्यक्तिगत शौचालयों की संख्या	निर्माणधीन शौचालय	निर्मित शौचालय
3328	3328	1713	1368	923

नोट:- नगर निगम द्वारा मई 2017 में कराये गये, के सर्वे में शौचालय विहीन घरों की संख्या 1911 से बढ़कर 5041 हो गयी है।

सार्वजनिक शौचालय मिशन टॉरगेट 582 सीट

सार्वजनिक शौचालयों की संख्या	कियाशील	निर्माणधीन	अभियुक्ति
26 सीट-204 पु0-132 म0 72	26 सीट-193 पु0-123 म0 70	3 सीट-11 पु0-9 म0 2	अवशेष 3 शौचालयों का 90 प्रतिशत कार्य पूर्ण है जिन्हे शीघ्र कियाशील कर लिया जायेगा।

सामुदायिक शौचालय मिशन टॉरगेट 206 सीट

सामुदायिक शौचालयों की संख्या	कियाशील	पूर्ण	निर्माणधीन	अभियुक्ति
25 सीट-174 पु0-99 म0 75	3 सीट-24 पु0-15 म0 9	20 सीट-135 पु0-75 म0 60	2 सीट-15 पु0-9 म0 6	20 सामुदायिक शौचालयों की हस्तानांतरित करने की कार्यवाही की जा रही है।

नगर स्वास्थ्य अधिकारी  
नगर निगम, सहारनपुर

**Annexure 4.3 City Profile: Solid Waste Management Annual Report**

**SAHARANPUR- SBM (U) updates as on 25/10/2017**

1) City Status

No. of Wards
70

2) Solid Waste Management Status

Waste Generated (Tonnes per day)	Waste Processed (Tonnes per day)	No. of wards with 100% Door to Door Waste Collection*	No. of wards with 100% source segregation
300	15	36	10

\*Door to Door collection means collection of waste by worker/contractor/ragpicker who are authorized by respective ULB.

Please fill up Annexure 1 (A, B & C) with details of Solid Waste Management Projects taken up either under SBM (Urban) or outside it.

3) Bulk Garbage Generators (As per MSW Rules 2016, Bulk Garbage Generator is defined as single Residential/ Commercial entity generating more than 100 kg of Solid Waste per day)

Total No. of Bulk Garbage Generators	No. of Bulk Garbage Generators processing waste on-site	No. of Bulk Garbage Generators paying bulk user fees	Amount Collected (Rs.)
25	1	10	10000

4) User Fees for Door to Door collection

Is User Fee applicable and enforced	Amount of User Fee Collected (Rs.)	
	Residential	Commercial
Yes/No	50	200

5) Landfill

No of Landfills	Whether Landfill is Sanitary	Capacity of Landfill (Tonnes)	Current Garbage in Landfill (Tonnes)	Is landfill shared, if yes, details of ULBs	Details of Remediation Measures if any
01	No	100000	7000	NO	NIL



**Annexure 4.3 City Profile: Solid Waste Generation Details**

अपशिष्ट प्रबन्धन  
(नोडल विभाग- नगर विकास)

जनपद-सहारनपुर।

माह अक्टूबर 17

क्र०सं०	कुल नगर निकायों की संख्या	कुल वार्डों की संख्या	प्रतिदिन जनित कूड़े की मात्रा	शत प्रतिशत डोर-टू-डोर कलैक्शन वार्डों की संख्या	क्रियाशील कूड़ा प्रोसेसिंग प्लांट की संख्या (क्षमता टो०पी०डी०)
1	2	3	4	5	6
01	नगर निगम, सहारनपुर	70	301 मी०टन	40	-

नगर स्वास्थ्य अधिकारी  
नगर निगम, सहारनपुर



27/02/2017

प्रारूप-IV  
वार्षिक रिपोर्ट का प्रारूप

प्रस्तुत करने की तारीख

25.02.2017

		Saharanpur
1.	शहर/नगर का नाम	Saharanpur
2.	जनसंख्या	7.05 lakh (census 2011 के अनुसार)
3.	क्षेत्रफल वर्ग किलोमीटर में	73.72
4.	स्थानीय निकाय का नाम और पता दूरभाष नं: फैक्स: ई-मेल:	सहारनपुर नगर निगम 013264812 nagarnigamsaharanpur@gmail.com
5.	टोस अपशिष्ट प्रबंधन(वेस्टेज) से संबंधित प्रमारी अधिकारी का नाम दूरभाष नं: फैक्स: ई-मेल:	एसडीओ अग्रहरी 8477008075 9058837158
6.	शहर/नगर में पारिवारी की संख्या शहर में गैर आवासीय परिवारों की संख्या शहर/नगर में चुनाव/प्रशासनिक कार्यों की संख्या	60
7.	टोस अपशिष्ट की मात्रा	272MT
	प्रतिदिन स्थानीय निकाय के क्षेत्र में उत्पन्न टोस अपशिष्ट की अनुमानित मात्रा मीट्रिक टन में	272 / टॉन/दि
	प्रतिदिन संग्रहित टोस अपशिष्ट की मात्रा	245 / टॉन/दि
	प्रतिदिन संग्रहित प्रति व्यक्ति अपशिष्ट	347 / ग्र/दिन
	प्रसंस्कृत टोस अपशिष्ट की मात्रा	15 / टॉन/दि
8.	गलवा स्वच्छ/घरग स्वच्छ पर निपटान किये गये टोस अपशिष्ट की मात्रा	230 / टॉन/दि
9.	टोस अपशिष्ट प्रबंधन सेवा की स्थिति	
	स्त्रोत पर अपशिष्ट का पृथक्करण और संकलन	हां
	जवा घरेलू/वाणिज्यिक/संस्थागत बिनों में स्त्रोत पर टोस अपशिष्ट का भंडारण किया जाता है, यदि हां	हां
	घरेलू बिनों में स्त्रोत पर अपशिष्ट के भंडारण की धरेलू रीति की प्रतिशतता	50%
	वाणिज्यिक/संस्थागत बिनों में स्त्रोत पर अपशिष्ट का गैर आवासीय परिवारों में भंडारण करने की प्रतिशतता	50%
	गलियों में घरो के टोस अपशिष्ट का निपटान करने या चेंकने	50%
	गलियों में गैर आवासीय परिवारों के टोस अपशिष्ट का निपटान करने या चेंकने की प्रतिशतता	50%
	टोस अपशिष्ट का घर-घर जाकर संग्रहण	
	क्या शहर/नगर में टोस अपशिष्ट का घर-घर जाकर संग्रहण किया जाता है	हां
	यदि हां तो अपशिष्ट के घर-घर जाकर संग्रहण किये जाने में शामिल कार्यों की संख्या	30
	शामिल किये गये घरों की संख्या	25363
	शामिल किये गये वाणिज्यिक संस्थानाओं, होटलों, रेस्तराओं, शैक्षिक संस्थानों, /सार्वजनिक इत्यादि जटिल गैर आवासीय परिवारों की संख्या	760

## Annexure 4.3 City Profile: Solid Waste Management Annual Report

निम्न छं माह्वान से घर-घर जाकर संग्रहण किये जाने में शामिल आवासीय और गैर आवासीय परिवारी की प्रतिशतता: मोटरकूला वाहन कॉन्टेनरकूला टिपटिया साइकिल/ ईंट कार्ट अन्य सामान (हाथ पैदाई)	%				
	%				
	%				
	100%				
घरों, जहाँ, जो संग्रहण में अल्पवैध सभी प्राथमिक पदार्थ					
नगरीयों में आदू लगाया जाता	हां				
शहर में सड़की, गलियाँ, लेनी, बाइलेनी की सफाई किसकी सहाई किये जाने की आवश्यकता है	1783कि.मी.				
गली में आदू लगाये जाने की कार्यक्षमता और सामानित जनसंख्या की प्रतिशतता	बारंबारता	रीजाना	एकीतर दिवस पर	सफाई में दो बार	कमी-क की
	सामानित जनसंख्या की प्रतिशतता	60.	20	10	10
प्रयुक्त सामान हाथ जो आदू लगया जाता	100%				
घांतिक रूप से आदू लगाया जाता	%				
यस सफाई कर्मचारीयों द्वारा जमी ईन्डल वाले आदू को प्रयोग किया जाता है क्या प्रत्येक सफाई कर्मचारी को अपशिष्ट संग्रहण करने के लिए ईन्डकार्ट/टिपटिया साइकिल भी जाती है क्या ईन्डकार्ट/टिपटिया साइकिल में कॉन्टेनर लगा है क्या संग्रहण का स्थान प्रयोग किये गये संग्रहण/अपशिष्ट भंडारण के कॉन्टेनरों समकालिक है	हां हां हां हां				
द्वितीयक अपशिष्ट भंडारण सुविधाएं					
शहर/नगर में अपशिष्ट भंडारण किये की संख्या और प्रकार खुले अपशिष्ट भंडारण स्थल	संख्या	में	99	सफाई घन मीटर	
लिनाई किये गये बिन		10,395	घन मीटर		
सीमेंट कॉन्क्रीट सिलिनडर के बिन					
इलाय/इके हुए कबा/स्थान					
इके हुए कबा/प्लास्टिक के कॉन्टेनर					
1. 1 घन मीटर तक के बिन	04			420घन मीटर	
2 से 5 घन मीटर के बिन	108			116.5 घन	
5 घन मीटर के बड़े कॉन्टेनर	मीटर			70	
बिन रटिया कवर					
			315घन मीटर		
			11245.50 घन मीटर		
बिन/जनसंख्या अनुपात					
अपशिष्ट भंडारण बिगों का वाइंवार विवरण (संलग्न करें)					
वाइं सं:	80				
क्षेत्रफल:	73.72 वर्ग किमी				
जनसंख्या:	7.05 लाख				
रखे हुए बिनो की संख्या	175				
रखे गये बिनो का कुल आयतन	430.5 घन मीटर				
अपशिष्ट भंडारण सुविधाओं की कुल भंडारण क्षमता घन मीटर	11245.50 m <sup>3</sup>				

**Annexure 4.3 City Profile: Solid Waste Management Annual Report**

विषय	वारंवारता	बिनों की संख्या
डिपो से अपशिष्ट के संग्रहन की बारंबारता बताएं साथ किए गए बिनों की संख्या	प्रतिदिन	84
	एकान्तर दिवस	80
	सप्ताह में दो बार	21
	सप्ताह में एक बार	10
	कभी-कभी	
क्या भंडारण डिपो में पृथक्कृत अपशिष्ट को हरे, नीले और काले बिनों में भंडार करके रखने की सुविधा है	नहीं	
भंडारण डिपो से ठोस अपशिष्ट उठाने का कार्य हाथ से किया जाता है या यांत्रिक तरीके से? प्रतिशत बताएं ठोस अपशिष्ट को हाथ से उठाए जाने की प्रतिशतता यांत्रिक तरीके से उठाने की प्रतिशतता	6 % 94%	
यदि यांत्रिक है तो प्रयुक्त पद्धति का स्पष्ट उल्लेख करें	फ्रंट एण्ड लोडर	
क्या ठोस अपशिष्ट को घर-घर से उठाया जाता है और पृथक्कृत स्वरूप सीधे शोधन संयंत्र तक भेजा जाता है	हां हां, और टू डोर संग्रह	
प्रतिदिन अपशिष्ट का परिवहन प्रयोग किए गए वाहनों का प्रकार और संख्या	अपशिष्ट का परिवहन करने में लगाए गए फंटो की संख्या	

## Annexure 4.3 City Profile: Solid Waste Collection Rates

### सहारनपुर नगर निगम, सहारनपुर

प्रयोक्ता प्रमार श्रेणी के वास्तविक स्वामी या अध्यासियों के प्राप्त किया जायेगा तथा आवासीय भवनों में प्रत्येक परिवार जो अपना कूड़ा संग्रहकर्ता को अलग-अलग देते हो से अलग-अलग लिया जायेगा।

क.सं.	श्रेणी	(यूजर चार्ज प्रति माह)
1.	अ- पक्का भवन जिसकी दरिया 100 वर्गगज से अधिक हो ब- पक्का भवन जिसकी दरिया 100 वर्गगज कम हो ग- बी०पी०एल० कार्ड धार परिवारों हेतु द- कच्चे भवनों व अन्वोदय कार्ड धारक परिवारों हेतु	60 30 15 5
2.	अ- जिसमें दुकान हो (100 वर्गगज) भवन के लिए ब- जिसमें दुकान हो (100 वर्गगज) भवन के भीतर	70 35
3	गान्/घास/खोखा/पेले, सक्की, कल आदि	60
4	रेस्टोरेन्ट (50 वर्ग मीटर तक)	300
5	रेस्टोरेन्ट (50 वर्ग मीटर अधिक)	700
6	होटल 30 कमरे तक	500
7A	होटल 30 कमरे से अधिक	1000
7B	होटल तीन सिलाया व उससे कम	2000
7C	लॉज 30 कमरे तक	200
8A	लॉज 30 कमरों से अधिक	250
8B	घर्मशाला 30 कमरे तक	100
9A	घर्मशाला 30 कमरों से अधिक	200
9B	बैंक	200
10	शिक्षण हॉल व कॉम्प्लेक्स	500
11	स्कूल जिसमें 500 विद्यार्थी से कम हो	100
12A	स्कूल जिसमें 500 विद्यार्थी से अधिक हो	200
12B	माल	5000
13	बड़े दुकान (जो 10 वर्गमी० या अधिक क्षेत्रफल) अ- मुख्य मार्ग ब- उप मार्ग	70 50
14	छोटे दुकान (जो 10 वर्गमी० से कम क्षेत्रफल) अ- मुख्य मार्ग ब- उप मार्ग	50 30
15	नर्सिंग होम व क्लीनिक (मेडिकल वेस्ट के अतिरिक्त)	500
16A	अस्पताल 30 शैया से कम (मेडिकल वेस्ट के अतिरिक्त)	1000
16B	अस्पताल 30 शैया व उससे अधिक (मेडिकल वेस्ट के अतिरिक्त)	2000
17	विवाह मण्डप	2500
18A	छात्रवास 30 कमरों से कम	200
18B	छात्रवास 30 कमरे या उससे अधिक	300
19	उच्च शिक्षण संस्थान व विश्वविद्यालय	2000
20A	कोविड इंस्टीट्यूट 300 से कम विद्यार्थी	500
20B	कोविड इंस्टीट्यूट 300 या उससे अधिक विद्यार्थी	1000
21A	बर्कशाप/फैक्ट्री 50 किलो वॉट तक	300
21B	बर्कशाप/फैक्ट्री 50 किलो वॉट से अधिक	700

नगर आयुक्त को प्रत्येक दो वर्षों के उपरान्त इन दरों में अधिकतम दस प्रतिशत वृद्धि का अधिकार होगा।

## Annexure 4.3 City Profile: Identification of Black spots for Road Safety improvement

### Traffic Police, Saharanpur, Uttar Pradesh

To,  
Municipal Commissioner,  
Saharanpur Municipal Corporation,  
Uttar Pradesh  
25.10.2017

Sub.: Regarding Safety & Security data related data asked for Smart City Round 4 Proposal preparations for Saharanpur.

We acknowledge the following data asked by consultant from Darashaw & Company for Smart City Round 4 proposal preparation of Saharanpur City.

#### Responses to Safety & Security data-

1. No. of CCTV cameras till date 2017: 35
2. No. of CCTV newly installed in year 2016-17: 1
3. Intelligent Traffic Management System Project availability & status:
4. No. of Traffic booths till date 2017: 03
5. No. of proposed traffic booths in 2016-17: ① VISHWAKARMA CHOWK, ② SBD CHOWK  
③ HASANPUR CHOWK.
6. Location of traffic booths: ① DIWANI TIRAHNA, ② AMBEDKAR CHOWK  
③ GHANTAGHAR CHOWK
7. No. of fatal accidents/year(2016-17): 2016-46-31 (2017 Till 15-10-2017)

Traffic SP,

Saharanpur,  
Uttar Pradesh

## Annexure 4.3 City Profile: Identification of Black spots for Road Safety improvement

वर्ष-2011-2012-2013-2014-2015 में घटित सड़क दुर्घटनाओं में अधिकतम दुर्घटना एवं अधिकतम मृतकों के आधार पर मात्र 10-10 स्थान

अधिकतम दुर्घटना के आधार पर (एसोडिंग आर्बर में)

अधिकतम मृतकों के आधार पर (एसोडिंग आर्बर में)

क्र.सं.	घटना सील	नाम थाना	हाइवे का नाम व नम्बर	संख्या दुर्घटना	मृतकों की संख्या	घायलों की संख्या	घटना सील	नाम थाना	हाइवे का नाम व नम्बर	संख्या दुर्घटना	मृतकों की संख्या	घायलों की संख्या
1	मोहण्ड	बिहारीगढ़	दिल्ली-देहरादून मार्ग 73	28	19	33	सड़क दूधली	जनकपुरी	देहरादून-अम्बाला मार्ग 73	33	19	15
2	छुटमलपुर	फतेहपुर	"	42	28	28	नकुड तिराहा	कुतुबशेर	देहरादून-अम्बाला मार्ग 73	20	16	14
3	कैलाशपुर	गागलहेडी	देहरादून-अम्बाला मार्ग 73	31	23	19	छुटमलपुर	फतेहपुर	देहरादून-अम्बाला मार्ग 73	35	25	21
4	पिलखनी	सरसावा	"	49	44	24	मोहण्ड	बिहारीगढ़	देहरादून-अम्बाला मार्ग 73	26	18	21
5	जी०टी०रोड देवबन्द	देवबन्द	स०पुर-मुजफ्फरनगर मार्ग 59	63	47	50	जन्धडा	रामपुर	स०पुर-दिल्ली मार्ग 57	41	25	18
6	कलसिया	बेहट	दिल्ली-यमनोत्री मार्ग 57	42	32	38	जी०टी०रोड देवबन्द	देवबन्द	स०पुर-मुजफ्फरनगर मार्ग 59	45	27	24
7	नकुड तिराहा	कुतुबशेर	देहरादून-अम्बाला मार्ग 73	42	32	22	पिलखनी	सरसावा	देहरादून-अम्बाला मार्ग 73	29	25	21
8	नानीता	नानीता	स०पुर-दिल्ली मार्ग 57	24	19	17	कैलाशपुर	गागलहेडी	देहरादून-अम्बाला मार्ग 73	16	15	14
9	सड़क दूधली	जनकपुरी	देहरादून-अम्बाला मार्ग 73	31	20	16	कलसिया	बेहट	दिल्ली-यमनोत्री मार्ग 57	21	16	13
10	जन्धडा	रामपुर मनिहासन	स०पुर-दिल्ली मार्ग 57	30	19	21	नानीता	नानीता	स०पुर-दिल्ली मार्ग 57	19	15	13
		कुल योग		400	283	268		कुल योग		285	199	174

**Annexure 4.3 City Profile: Identification of Black spots on National Highways passing through Urban Area**

Appendix-1

**BLACK SPOTS ON NATIONAL HIGHWAYS (LOCATIONS OF REPEATED ACCIDENTS) DATA REPORTING FORMAT FOR THE YEAR 2013,2014 2015**

NAME OF THE STATE -----

SL. No.	Name of District	NH No.	Location of the Black spot	Name of jurisdictional Police Station	Road Chainage/ Km.	Number of Accidents		Number of persons Injured		No. of Fatalities	Reasons for frequent accidents
						Fatal accidents	Greivously Injured accidents	Greivously Injured	Minor Injured		
1-	Saharanpur	57	Jnandhera	Rampur	4.5km	6	4	4	5	15	Oveer speeding
2		73	Mohand	Biharigarh	4.5km	10	6	5	4	19	Careless driving
3		73	Pilakhnai	Sarsawa	4km	12	8	6	5	17	Oveer speeding
4		57	Kalsia	Behat	4.5km	9	7	6	4	14	Oveer speeding
5		59	Nagal	Nagal	5Km	8	6	4	2	10	Oveer speeding
6		73	Kailaspur	Gagalheri	4.5km	9	7	5	4	12	Careless driving
7		73	Chutmalpur	Fatehpur	4km	13	9	7	6	16	Oveer speeding
8		57	Nanauta	Nanauta	4.5km	11	8	6	4	14	Oveer speeding
9		73	sadak dudhli	janakpuri	4.5km	9	5	7	3	5	Oveer speeding
10		73	Badi nahar pull	kutubsher	4.5km	11	2	9	2	8	Oveer speeding

**BLACK SPOTS ON STATE HIGHWAYS (LOCATIONS OF REPEATED ACCIDENTS) DATA REPORTING FORMAT FOR THE YEAR 2013,2014 2015**

NAME OF THE STATE.....

SL. No.	Name of District	SH No.	Location of the Black spot	Name of jurisdictional Police Station	Road Chainage/ Km.	Number of Accidents		Number of persons Injured		No. of Fatalities	Reasons for frequent accidents
						Fatal accidents	Greivously Injured accidents	Greivously Injured	Minor Injured		
1	Saharanpur		Badgaon	Badgaon	5km	7	4	5	3	9	Over speeding
2			state highways deoband	Deoband	4.5km	12	8	17	8	17	Over speeding
3			Town area Nagal	Nagal	4.5km	7	3	15	6	3	Over speeding
4			tapri	kotwali dehat	4.5km	4	2	6	4	3	Over speeding
5			Gandewad road	Behat	4.5km	5	1	4	3	7	Over speeding

## Annexure 4.3 City Profile: Details of CCTV installation in the city

### ❖ वायरलेस बैस्ड सीसीटीवी का विवरण जनपद साहारनपुर

क्रम सं०	स्थान का नाम	संख्या	अन्य विवरण
1	देहरादून चौक थाना जनकपुरी	3	इनकी मॉनिटरिंग सीसीआर से की जा रही है
2	एसबीडी चौराहा थाना जनकपुरी	4	
3	घंटाघर	5	
4	कोर्ट रोड पुल थाना सदर बाजार	3	
5	विश्वकर्मा तिराहा थाना सदर बाजार	3	
6	दीवानी तिराहा	3	
7	फलेक्ट्रेट तिराहा	3	
8	जैन कालेज रोड चौराहा	3	
9	इसनपुर चौक	4	
10	पुलिस लाइन/कंट्रोल रूम	3	
	कुल संख्या	34	

### ❖ जनपद साहारनपुर में वर्तमान में स्थापित सीसीटीवी कैमरों का विवरण जो कांवेड रूट पर स्थापित है -

क्रम सं०	स्थान का नाम	संख्या	अन्य विवरण
1	देहरादून चौक थाना जनकपुरी	3	इनकी मॉनिटरिंग सीसीआर से
2	एसबीडी चौराहा थाना जनकपुरी	4	
3	घंटाघर	5	
4	थाना कुतुबशेर	1	
5	चौकी नकुल तिराहा	3	
6	थाना सरसावा गेट पर	1	
7	व०पू०अधी० निवास/जेल चुंगी	1	

### ❖ कांवेड पैल 2015 में स्थापित कराये गये सीसीटीवी का विवरण -

क्रम सं०	स्थान का नाम	संख्या
1	चौकी काली नदी थाना गामलहेडी	1
2	गामलहेडी तिराहा	1
3	खानखालमपुरा थाना जनकपुरी	1
4	अंबेडकर चौक थाना जनकपुरी	1
5	दपर्ण तिराहा थाना कुतुबशेर	1
6	चौकी साहजहानपुर थाना सरसावा	1



**Annexure 4.3 City Profile: Details of Annual Crime Rate**

वर्ष	ठगोरी	चूरा	गुंडा	भेदा	दोपहरा	बर्ष					कुल	30 पर्यंत	30 पर्यंत	कुल	मृत्यु	अपराध	अन्य	दंड	सजावात	अन्य
						मृत्यु	अपराध	अन्य	दंड	सजावात										
2016	3	84	72	0	3	345	0	0	249	597	72	19	66	108	8	0	169	21	47	213
2015	8	104	83	0	4	389	0	0	304	697	80	15	97	147	15	2	163	26	59	217
2014	8	103	99	0	0	445	0	0	306	751	91	21	87	202	19	2	224	26	64	222
2013	9	110	74	0	0	281	0	0	252	533	91	12	89	98	14	1	132	32	31	206
2012	1	31	25	0	2	200	0	0	200	402	69	34	75	64	12	2	81	24	12	214

## Annexure 4.3 City Profile: Details of Street Light Bills

Street Light Department, Saharanpur Municipal Corporation,  
Saharanpur, Uttar Pradesh

To,

Municipal Commissioner,

Saharanpur Municipal Corporation,

Uttar Pradesh

25.10.2017

Sub.: Regarding electricity bill payment details related data related data asked for Smart City Round 4 Proposal preparations for Saharanpur.

We acknowledge the following data asked by consultant from Darashaw & Company for Smart City Round 4 proposal preparation of Saharanpur City.

Responses to electricity bill payment related data-

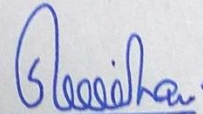
Electricity per unit rate: 3,500-00

• Electricity bills payment amount details for street lights year wise-

2014-15: 4,62,60,000-00

2015-16: 7,15,68,000-00

2016-17 till date: 11,23,92000-00

  
26/10/17

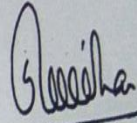
Street Light Department,  
Saharanpur Municipal Coporation,  
Saharanpur,Uttar Pradesh

## Annexure 4.3 City Profile: Details of Street Light Poles

नगरीय स्ट्रीट लाईट  
(नोडल विभाग:-नगर विकास)

जनपद- सहारनपुर।  
माह- सितम्बर 17

क्रम0	कुल नगर निकायो की संख्या	कुल मार्ग प्रकाश बिन्दुओ की संख्या	एल0ई0डी0मे परिवर्तित मार्ग प्रकाश बिन्दुओ की संख्या
01	नगर निगम सहारनपुर	23514	2799

  
प्रभारी पथ प्रकाश 31/10/17  
नगर निगम सहारनपुर

## Annexure 4.3 City Profile: Details of Installed Solar system and capacity

Street Light Department, Saharanpur Municipal Corporation,  
Saharanpur, Uttar Pradesh

To,  
Municipal Commissioner,  
Saharanpur Municipal Corporation,  
Uttar Pradesh  
25.10.2017

Sub.: Regarding electricity light & energy sector data for Smart City Round 4 Proposal preparations for Saharanpur.

We acknowledge the following data asked by consultant from Darashaw & Company for Smart City Round 4 proposal preparation of Saharanpur City.

Responses to electricity bill payment related data-

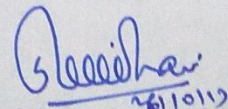
1. Solar power plant (off-grid)
  - Capacity: 20kw
  - No.: one
  - Estimated cost: 0.32 crore
  - Comment on current status: 70 to 80 unit vidhut generate

2.Solar high mast data

- No: Nill
- Identified junctions: Nill
- Estimated cost: Nill
- Comment on current status: Nill

3. Street lights data:

- No. of existing street light till date 2017: 23514
- No. of proposed street light: 2000 Nos
- Identified junctions of existing/proposed street lights: in 32 outer side colonys
- Comment on current status:
  - Old light change in LED lights. Total 2799 lights changed in new LED lights and total 7550 LED in change in Progress
- Estimated date of completion: In March 2018

  
26/10/17

Street Light Department,  
Saharanpur Municipal  
Corporation, Saharanpur, Uttar Pradesh

## Annexure 4.3 City Profile: Details of Solar System Installation in Saharanpur

यूथीनेटा सहारनपुर द्वारा नगर क्षेत्र सहारनपुर में स्थापित सौर ऊर्जा संयंत्रों का वर्षवार स्थल वार विवरण।

1. जनपद सहारनपुर के नगर क्षेत्र में स्थापित सोलर पावर प्लांट (ऑफगिड) का वर्षवार, स्थलवार विवरण।

वर्ष	क्रमांक	स्थल का विवरण	क्षमता	संयंत्र की लागत (₹)
2015-16	1	जिला पंचायत कार्यालय सहारनपुर	1 x 01कि०वा०	1,64,750 / -
	2	जिला पंचायत सर्किट हाउस	1 x 01कि०वा०	1,64,750 / -
	3	विकास खण्ड कार्यालय डि०खण्ड-पुमारका	1 x 05कि०वा०	8,32,500 / -
	4	मण्डलाधिकारी कार्यालय, निकट-डी सी आर.बी. कार्यालय, पुलिस लाइन सहारनपुर	1 x 04कि०वा०	6,66,000 / -
2016-17	5	जिलाधिकारी न्यायालय कक्ष, कलेक्ट्रेट,सहारनपुर	1 x 05कि०वा०	8,32,500 / -

2. जनपद सहारनपुर के नगर क्षेत्र में स्थापित सोलर ड्राईमास्ट लाइट संयंत्र (सार्वजनिक स्थलों पर पथ प्रकाश हेतु) का वर्षवार स्थलवार विवरण।

वर्ष	क्रमांक	स्थल का विवरण	क्षमता	संयंत्र की लागत (₹)
2016-17	1	फ्रेन्ड्स कालोनी, दिल्ली रोड,सहारनपुर	4 x 18वाट	4,72,000 / -
	2	रविदास मंदिर के पास गडीमलुक नं० 02	1 x 18वाट	1,18,000 / -
	3	भूतेश्वर मंदिर के पास भूतेश्वर रोड,सहारनपुर	1 x 18वाट	1,18,000 / -
	4	जिलाधिकारी महोदय कैम्प कार्यालय,स०पुर	1 x 18वाट	1,18,000 / -
	5	पुलिस लाइन परिसर सहारनपुर	1 x 18वाट	1,18,000 / -
	6	विकास भवन परिसर सहारनपुर	1 x 18वाट	1,18,000 / -
	7	गोगा म्हाडी मंदिर परिसर मानकमल, सहारनपुर	1 x 18वाट	1,18,000 / -
	8	अम्बेडकर स्टेडियम, के मुख्य द्वार के पास, स०पुर	1 x 18वाट	1,18,000 / -
	9	अम्बेडकर स्टेडियम, में टेनिस कोर्ट के पास स०पुर	1 x 18वाट	1,18,000 / -

## Annexure 4.3 City Profile: Details of Solar System Installation in Saharanpur

10	राजकीय अनुष्ठानिता छात्रावास (बालकों हेतु) सड़क दुधली, स०पुर	1 x 18वाट	1,18,000 / -
11	कस्तूरबा गांधी बालिका विद्यालय, खलासी लाइन, सहारनपुर	1 x 18वाट	1,18,000 / -
12	जैन मंदिर के पास सहारनपुर	1 x 18वाट	1,18,000 / -

3. जनपद सहारनपुर के नगर क्षेत्र में स्थापित सौर स्ट्रीट लाइट संयंत्र (सार्वजनिक स्थलों पर पथ प्रकाश हेतु) का वर्षवार स्थलवार विवरण।

वर्ष	क्रमांक	स्थल का विवरण	क्षमता	संयंत्र की लागत (रु०)
2014-15	1	आफिसर्स कालोनी पार्क दिल्ली रोड, सहारनपुर	8 x 12वाट	1,78,400 / -
	2	जै०वी० जैन डिग्री कालेज परिसर, सहारनपुर	5 x 12वाट	1,11,500 / -
	3	गुरूदास भाई जगता जी नवीननगर, सहारनपुर	1 x 12वाट	22,300 / -
	4	महर्षि दयानंद इंटर कालेज, मल्हीपुर रोड,	1 x 12वाट	22,300 / -
	5	दयानन्द माडर्न हाईस्कूल मल्हीपुर रोड, सहारनपुर	1 x 12वाट	22,300 / -
2015-16	6	श्री लाजकृष्ण गांधी के घर के पास, मिशन कम्पाउण्ड, स०पुर	1 x 12वाट	20,900 / -
	7	श्री हरीश मलिक के घर के पास, सिविल हास्पिटल रोड, स०पुर	1 x 12वाट	20,900 / -
	8	काशी मंदिर की छत पर जाटवनगर, सहारनपुर	1 x 12वाट	20,900 / -
	9	बाल्मीक मंदिर भौंगागढ़, बेहट रोड, स०पुर	1 x 12वाट	20,900 / -
	10	रविदास मंदिर जोड़पुरा, सहारनपुर	1 x 12वाट	20,900 / -
	11	श्री सुरेन्द्र शर्मा के घर के पास, लेबर कालोनी, स०पुर	1 x 12वाट	20,900 / -
	12	श्री मोहनलाल के घर की छत पर, फूसवाली कौठी, बाजोरिया रोड, सहारनपुर	1 x 12वाट	20,900 / -
	13	अम्बेडकर पार्क के पास अम्बेडकर पुरम्, स०पुर	1 x 12वाट	20,900 / -
	14	शिव मंदिर के पास रामघाट, शुगर मिल, मंगोह रोड, सहारनपुर	1 x 12वाट	20,900 / -


## Annexure 4.3 City Profile: Details of Solar System Installation in Saharanpur

15	श्री जनेश्वर की दुकान के पास, इंदिरा कालोनी, सारदानगर, सहारनपुर	1 x 12वाट	20,900 /-
16	रविदास मंदिर के पास नाथिरपुरा, पेपर मिल रोड सहारनपुर	1 x 12वाट	20,900 /-
17	डा० ए०के० जैन हास्पिटल के पास, चन्द्रनगर, सहारनपुर	1 x 12वाट	20,900 /-
18	विजय कालोनी सहारनपुर	4 x 12वाट	83,600 /-
19	श्री यशपाल एडमोंट के घर की छत पर, बाजोरिया रोड, सहारनपुर	1 x 12वाट	20,900 /-
20	डा० अजय प्रताप सिंह के हास्पिटल के पास, मदनपुरी कालोनी सहारनपुर	1 x 12वाट	20,900 /-
21	श्री अमित कुमार के घर के पास, देष्णवी धाम, दिल्ली रोड, सहारनपुर	1 x 12वाट	20,900 /-
22	न्यू कीम्ब्रिज स्कूल की छत पर, सहारनपुर	2 x 12वाट	41,800 /-
23	सहारनपुर पब्लिक स्कूल के पास, सहारनपुर	1 x 12वाट	20,900 /-
24	नेशनल पब्लिक स्कूल लिक रोड, सहारनपुर	1 x 12वाट	20,900 /-
25	लार्ड महावीर एजेंडमी मिलकाना रोड, सहारनपुर	2 x 12वाट	41,800 /-
26	संकर नगर, दिल्ली रोड, सहारनपुर	6 x 12वाट	1,25,400 /-
27	श्री अमर गुप्ता के घर के पास, सब्जी मण्डी दिल्ली रोड, सहारनपुर	1 x 12वाट	20,900 /-
28	श्री कै०एल० अरोड़ा के घर के पास, लिक रोड, सहारनपुर	1 x 12वाट	20,900 /-
29	श्री अरुण चौधरी के घर के पास, गांधी फार्म गुरु नानक गर्ल्स स्कूल, सहारनपुर	1 x 12वाट	20,900 /-
30	रामतीर्थ केन्द्र के पास अम्बाला रोड, सहारनपुर	1 x 12वाट	20,900 /-
31	रविदास मंदिर के पास भीष्मनगर, सहारनपुर	1 x 12वाट	20,900 /-
32	रविदास मंदिर के पास	1 x 12वाट	20,900 /-

33	गड़ी मलूक नं०: 01 सहारनपुर अम्बेडकर चौक के पास देहरादून रोड, सहारनपुर	1 x 12वाट	20,900 /-
----	---	-----------	-----------

4. जनपद सहारनपुर के नगर क्षेत्र में अनुदान कार्यक्रम में स्थापित सोलर वाटर हीटर संयंत्र का वर्षवार स्थलवार विवरण।

वर्ष	क्रमांक	स्थल का विवरण	क्षमता	संयंत्र की लागत (₹)
2014-15	1	श्रीमती चारु सिंघल पत्नी श्री अजनीश सिंघल चर्च गेट कम्पाउण्ड निकट तारावती हास्पिटल, सहारनपुर	1 x 200 ली० प्रतिदिन	34,000 /-

  
परियोजना अधिकारी  
यूथिनेडा सहारनपुर

**Annexure 4.3 City Profile: Details of Vendor Registration by DUDA**

**District Urban Development Agency (DUDA)  
Saharanpur, Uttar Pradesh**

Letter No- 530/DUDA/2017-18

Date - 25/10/2017

To,  
Municipal Commissioner  
Saharanpur Municipal Corporation  
Uttar Pradesh

**Sub : - Regarding Vendors related data asked for smart city Round 4 Proposal Preparations for saharanpur.**

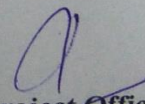
We acknowledge the following data asked by consultant from Darashaw & Company for smart city Round 4 Proposal preparation of saharanpur City.

**Responses to Vendors related data -**

- 1- Street Vendor registration data :- 8124  
2- No. of Registered Vendors :- 1967  
3- Name of 25 Proposed Location :- 25 Proposed Location in Saharanpur

S.no.	Proposed Location	S.no.	Proposed Location
1	Aali ki Chowki to Gotega Chowk	14	Gotega Tiraha to Chilkana Chungi
2	Ghantaghar Chowk to Stadium	15	Hasanpur Chungi to South City
3	Awas Vikas Tiraha to Sabji Mandt/ RTO Office	16	Quteb Sheer Chowk to Sarafat Chowk
4	Batra Tiraha to Purani Chungi	17	Railway Station to Ghantaghar Chowk
5	Bhagat Singh Chowk to Navab Ganj Chowk	18	Sabji Mandi to RTO Office Sadar Kotwali
6	Bharat Mata Chowk to Batra Tiraha	19	south city to aawas vikash showk
7	Bharat Mata Chowk to Police Chowki Nahar	20	Shri Ram Chowk to Asfak Ulla Chowk
8	Behat Bus Stand to Kodia Ki Pulia	21	Purana Pul at Vishwakarma Chowk
9	Chaman Place Tiraha to Jail Chungi	22	Court Road Flyover
10	Chilkana Choki to Sah Chowk	23	Delhi Road/ DIG Awas
11	Choudhary Charan Singh Chowk to Dabti Village	24	Delhi Road Purana ARTO office Alam Bagh Sabji Mandi
12	Chilkana Choki to Sah Chowk		
13	Ghantaghar Chowk to Stadium	25	In Frant of Gupta Hospital (Old Bridge)

- 4- Estimated Project Cost :- 3,26,26,057.00  
5- Comment on current status of Street Vendor Program :- (1)Registration and Certificates distribution is going on (2) Training of Registered Vendors by RCUSE Lucknow under progress.

  
Project Officer  
District Urban Development Agency  
DUDA-Saharanpur



## SAHARANPUR- The Liveable Smart City

### Annexure 4.3 City Profile: Municipal Tax collection details (2017)


कर एवं करेत्तर देयों की वसूली की स्थिति (2017-18) टास्क फोर्स


जनपद- सहारनपुर

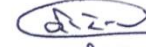
माह- अक्टूबर, 2017 तक

(धनराशि करोड रुपये में)

क्र०सं०	निकाय का नाम	वार्षिक मांग	इस माह तक का लक्ष्य 40 प्रतिशत	इस माह तक प्राप्ति	वार्षिक लक्ष्यों के सापेक्ष प्रतिशत (कॉलम 5 का 3 से)	इस माह तक लक्ष्य के सापेक्ष प्राप्ति का प्रतिशत (कॉलम 5 का 4 से)	इस माह का लक्ष्य	इस माह की प्राप्ति	इस माह के लक्ष्य के सापेक्ष प्राप्ति का प्रतिशत (कॉलम 9 का 8 से)	विगत वर्ष का वार्षिक लक्ष्य	विगत वर्ष में इस माह तक का लक्ष्य	विगत वर्ष में इस माह तक प्राप्ति	विगत वर्ष में इस माह का लक्ष्य	विगत वर्ष में इस माह तक प्राप्ति (कॉलम 13 का 11 से)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	सहारनपुर	27.6042	13.8021	15.2179	55.13	110.25	2.7604	1.4591	52.86	29.7987	14.8993	13.1341	2.9799	44.08

  
प्रधान लिपिक  
नगर निगम सहारनपुर

  
कर अधीक्षक  
नगर निगम सहारनपुर  
सहारनपुर


  
कर अधीक्षक  
नगर निगम सहारनपुर  
सहारनपुर


माह- अक्टूबर, 2017 तक

कर एवं करेत्तर देयों की वसूली की स्थिति (2017-18) टास्क फोर्स

(इकाई- करोड रु० में दर्शित करें)

क्र०सं०	मद	जिला	वार्षिक लक्ष्य	इस माह तक का लक्ष्य 50 प्रतिशत	इस माह तक प्राप्ति	वार्षिक लक्ष्यों के सापेक्ष प्राप्ति का प्रतिशत (कॉलम 5 का 3 से)	इस माह तक लक्ष्य के सापेक्ष प्राप्ति का प्रतिशत (कॉलम 5 का 4 से)	इस माह का लक्ष्य	इस माह की प्राप्ति	इस माह के लक्ष्य के सापेक्ष प्राप्ति का प्रतिशत (कॉलम 9 का 8 से)	विगत वर्ष का वार्षिक लक्ष्य	गत वर्ष का इस माह तक का लक्ष्य	गत वर्ष में इस माह तक प्राप्ति	गत वर्ष में इस माह का लक्ष्य	गत वर्ष में इस माह की प्राप्ति	गत वर्ष इस माह तक प्राप्त राजस्व से इस वर्ष इस माह तक प्राप्त राजस्व में कमी/ वृद्धि का प्रतिशत (कॉलम 5 का 13 से)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	गृहकर	सहारनपुर	4.2504	2.1252	3.3082	77.83	155.67	0.4250	0.3725	87.85	4.4698	2.2349	3.0734	0.4470	0.6319	07.84 % वृद्धि
2	जलकर	सहारनपुर	5.1005	2.5503	3.7843	74.19	148.39	0.5101	0.2751	53.93	5.3638	2.6819	2.8843	0.5364	1.0992	31.20 % वृद्धि
3	जलमूल्य	सहारनपुर	0.0312	0.0156	—	—	—	0.0031	—	—	0.0312	0.0156	—	0.0031	—	
4	अन्य	सहारनपुर	18.2221	9.1110	8.1254	44.59	89.18	1.8222	0.8115	44.53	19.9339	9.9669	7.1764	1.9934	3.0083	14.02 % वृद्धि
5	योग		27.6042	13.8021	15.2179	55.13	110.25	2.7604	1.4591	52.86	29.7987	14.8993	13.1341	2.9799	4.7894	15.87 % वृद्धि

  
प्रधान लिपिक  
नगर निगम सहारनपुर

  
कर अधीक्षक  
नगर निगम सहारनपुर  
सहारनपुर

  
कर अधीक्षक  
नगर निगम सहारनपुर  
सहारनपुर

**Annexure 4.3 City Profile: Municipal Budget ( FY 2015-16)**

(Annual Account) upto the month of - MARCH 2016							
Income page 1 (After Revised Budget 2015-2016)							2014-15
No of item	Head no.	Heads of income	(2015-16) Budget Estimate for the current year	Actual upto the ends of	Actual for the month of MAR- 16	(2015-16) Total of columns 5&6	Actuals for corresponding period of the proceeding year
1	2	3	4	5	6	7	8
1	3	House tax	65000000.00	23078254.00	8288058.77	31366312.77	20492190.50
2	7	Water tax	80000000.00	19582834.88	7413934.83	26996769.71	24129011.19
3	9	Drainage tax	5000000.00	2929130.19	1136194.40	4065324.59	2979341.88
4	10	Show tax	1000000.00	44250.00	0.00	44250.00	155420.00
5	10b	Service Charge	10000000.00	3759339.00	2189812.00	5949151.00	5251725.00
6	16	Nazul Rent	25000000.00	3684970.96	190301.00	3875271.96	3625647.15
7	16 A	Nazul Theka	0.00	9835842.50	8830033.50	18665876.00	21821205.00
8	20	Hospital	1000.00	109.00	12.00	121.00	121.20
9	21	Slaughter house	2000000.00	2030120.00	227080.00	2257200.00	1279580.00
10	22	Taxi	0.00	0.00	0.00	0.00	0.00
11	23 (1)	Water charges	50000.00	3774.72	392.00	4166.72	4173.68
12	23 (2)	Upkar	0.00	0.00	0.00	0.00	0.00
13	23 (3)	Jaikal vividh	3000000.00	2040612.00	493040.00	2533652.00	815234.00
14	23 A	Copying fees	150000.00	89986.00	16487.00	106473.00	101545.00
15	23 B	fairs	15000000.00	6096000.00	0.00	6096000.00	4051000.00
16	23 C	2% Awasthapna nidhi	120000000.00	26690059.00	31264558.00	57954617.00	36039793.00
17	23 D	Rickshaw Licence	600000.00	336073.80	25511.80	361585.60	414384.80
18	24	Fines	100000.00	45886.50	0.00	45886.50	12693.30
19	24A	Interest From Banks	20000000.00	5284436.00	242029.00	5526465.00	12588778.55
20	24B	Interest House Tax etc	0.00	293333.88	152808.63	446142.51	0.00
21	25	Health licence	500000.00	169630.00	17800.00	187430.00	172790.00
22	28	Premium of shops	500000.00	647860.00	0.00	647860.00	0.00
23	30(1)	Razya vitt	900000000.00	674977720.00	206482832.00	881460552.00	747189491.00
24	30(2)	13 va vitt	80000000.00	76958747.00	0.00	76958747.00	52099308.00
25	30(2)A	14 th Vitt	150000000.00	78884720.00	0.00	78884720.00	0.00
26	30(3)	Sansad nidhi	500000.00	0.00	0.00	0.00	0.00
27	30(4)	Vidhayak nidhi	600000.00	0.00	0.00	0.00	0.00
28	30(5)	Revolving Fund	2000000.00	0.00	0.00	0.00	0.00
29	30(6)	J.N.N.U.R.M	5000000.00	3882037.00	0.00	3882037.00	0.00
		<b>Total</b>	<b>1486001000.00</b>	<b>941345726.43</b>	<b>266970884.93</b>	<b>1208316611.36</b>	<b>933223433.25</b>

**Annexure 4.3 City Profile: Municipal Budget ( FY 2015-16)**

(Annual Account) upto the month of - MARCH 2016							
Income page 1 (After Revised Budget 2015-2016)							2014-15
No of item	Head no.	Heads of income	(2015-16) Budget Estimate for the current year	Actual upto the ends of	Actual for the month of MAR- 16	(2015-16) Total of columns 5&6	Actuals for corresponding period of the proceeding year
1	2	3	4	5	6	7	8
1	3	House tax	65000000.00	23078254.00	8288058.77	31366312.77	20492190.50
2	7	Water tax	80000000.00	19582834.88	7413934.83	26996769.71	24129011.19
3	9	Drainage tax	5000000.00	2929130.19	1136194.40	4065324.59	2979341.88
4	10	Show tax	1000000.00	44250.00	0.00	44250.00	155420.00
5	10b	Service Charge	10000000.00	3759339.00	2189812.00	5949151.00	5251725.00
6	16	Nazul Rent	25000000.00	3684970.96	190301.00	3875271.96	3625647.15
7	16 A	Nazul Theka	0.00	9835842.50	8830033.50	18665876.00	21821205.00
8	20	Hospital	1000.00	109.00	12.00	121.00	121.20
9	21	Slaughter house	2000000.00	2030120.00	227080.00	2257200.00	1279580.00
10	22	Taxi	0.00	0.00	0.00	0.00	0.00
11	23 (1)	Water charges	50000.00	3774.72	392.00	4166.72	4173.68
12	23 (2)	Upkar	0.00	0.00	0.00	0.00	0.00
13	23 (3)	Jalkal vividh	3000000.00	2040612.00	493040.00	2533652.00	815234.00
14	23 A	Copying fees	150000.00	89986.00	16487.00	106473.00	101545.00
15	23 B	fairs	15000000.00	6096000.00	0.00	6096000.00	4051000.00
16	23 C	2% Awasthapna nidhi	120000000.00	26690059.00	31264558.00	57954617.00	36039793.00
17	23 D	Rickshaw Licence	600000.00	336073.80	25511.80	361585.60	414384.80
18	24	Fines	100000.00	45886.50	0.00	45886.50	12693.30
19	24A	Interest From Banks	20000000.00	5284436.00	242029.00	5526465.00	12588778.55
20	24B	Interest House Tax etc	0.00	293333.88	152808.63	446142.51	0.00
21	25	Health licence	500000.00	169630.00	17800.00	187430.00	172790.00
22	28	Premium of shops	500000.00	647860.00	0.00	647860.00	0.00
23	30(1)	Razya vitt	90000000.00	674977720.00	206482832.00	881460552.00	747189491.00
24	30(2)	13 va vitt	80000000.00	76958747.00	0.00	76958747.00	52099308.00
25	30(2)A	14 th Vitt	150000000.00	78884720.00	0.00	78884720.00	0.00
26	30(s)	Sansad nidhi	500000.00	0.00	0.00	0.00	0.00
27	30(4)	Vidhayak nidhi	600000.00	0.00	0.00	0.00	0.00
28	30(5)	Revolving Fund	2000000.00	0.00	0.00	0.00	0.00
29	30(6)	J.N.N.U.R.M	5000000.00	3882037.00	0.00	3882037.00	0.00
		<b>Total</b>	<b>1486001000.00</b>	<b>941345726.43</b>	<b>266970884.93</b>	<b>1208316611.36</b>	<b>933223433.25</b>



**Annexure 4.3 City Profile: Municipal Budget ( FY 2015-16)**

Income Page 2 MARCH - 2016 (After Revised Budget 2015-2016)							
No of item	Head no.	Heads of income	(2015-16) Budget Estimate for the current year	Actual upto the ends of	Actual for the month of MAR- 16	(2015-16) Total of columns 5&6	Actuals for corresponding period of the proceeding year
1	2	3	4	5	6	7	8
		B.F	1486001000.00	941345726.43	266970884.93	1208316611.36	933223433.25
30	30(r) a	Nagriya Jal Nikasi Yojna	5000000.00	0.00	0.00	0.0	33531000.00
31	30(7) b	Nagriya Sadak Sudhar	30000000.00	0.00	0.00	0.0	5354000.00
32	30 (7) c	Nagriya Nala Sudhar	30000000.00	0.00	0.00	0.0	0.00
33	30 (7) d	Other Grant	50000000.00	0.00	0.00	0.0	0.00
34	30(7)e	Anthyeshti sthal	20000000.00	0.00	0.00	0.0	0.00
35	30(7)f	Naya Savera Yojna	20000000.00	0.00	0.00	0.0	0.00
36	30(7)G	Atal Amrit City Yojna	800000000.00	0.00	0.00	0.0	0.00
37	30(7)H	Swachh Bharat Yojna	20000000.00	6805691.00	70543.00	6876234.0	0.00
38	30(7)I	Smart City Yojna	200000000.00	75000.00	10025000.00	10100000.0	0.00
39	31	Baadh aapda	1000000.00	0.00	0.00	0.0	0.00
40	32B-1	Special Package Safai	0.00	0.00	0.00	0.00	0.00
41	32B-3	Road Cutting	4000000.00	2574898.00	0.00	2574898.00	3189713.00
42	41A	Vividh	20000000.00	528981.65	1016950.00	1545931.65	7195825.89
43	41B	Janmanch	0.00	374375.00	18125.00	392500.00	291375.00
44	41C	Insurance	4000000.00	137707.00	0.00	137707.00	538733.00
45	41D	Mutation Fees	0.00	1608851.00	172750.00	1781601.00	0.00
46	41E	Tender COST	0.00	1993144.50	365975.00	2359119.50	0.00
47	41F	Contr. Licening Fees	0.00	330600.00	0.00	330600.00	0.00
48	45	I.D.S.M.T	3000000.00	1702160.00	0.00	1702160.0	207300.00
49	45-A	Asside	50000.00	0.00	0.00	0.00	19522.00
50	50	Deposits	10000000.00	2425000.00	5047982.00	7472982.00	10030000.00
		<b>Grand Total</b>	<b>2748051000.00</b>	<b>959902134.58</b>	<b>283688209.93</b>	<b>1243590344.51</b>	<b>993580902.14</b>

**Annexure 4.3 City Profile: Municipal Budget ( FY 2015-16)**

(Annual Account) upto the month of MARCH - 2016							
Expenditure page 3 (After Revised Budget 2015-2016)							
No of item	Head no.	Heads of Expenditure	(2015-16) Budget Estimate for the current year	Actual upto the ends of	Actual for the month of MAR- 16	(2015-16) Total of columns 5&6	Actuals for corresponding period of the proceeding year
1	2	3	4	5	6	7	8
1	1	Pay Main Office	30000000.00	23958750.00	3596419.00	27555169.00	18872231.00
2	1A	Contegency Main Office	6000000.00	260412.00	34773.00	295185.00	367054.00
3	1B	M.N.L.P Pay	0.00	0.00	0.00	0.00	0.00
4	2	Pay House Tax	25000000.00	20281888.00	2588076.00	22869964.00	10153067.00
5	2A	Contegency House Tax	100000.00	70624.00	3637.00	74261.00	43881.00
6	3	Pay Toll	25000000.00	2910408.00	0.00	2910408.00	13300962.00
7	6	Pention	80000000.00	60572725.00	7975305.00	68548030.00	58801471.00
8	9	Pay Light D.Wages	8000000.00	5467175.00	461222.00	5928397.00	4518932.00
9	09A	Light Expe.Rajya Vitt/NN	55000000.00	46552046.00	8181060.00	54733106.00	32715410.00
10	09B	Light Expe.Contegency	0.00	86036.00	5180.00	91216.00	0.00
11	09B-1	Light Expe.14 th Vitt	0.00	0.00	2632325.00	2632325.00	0.00
12	09B-2	Light Expe Shahri Nird.	3000000.00	0.00	0.00	0.00	0.00
13	13	Pay Water works	60000000.00	30414748.00	2450639.00	32865387.00	36171106.00
14	13(1)	Conti.store water works	2000000.00	68715.00	4950.00	73665.00	35401.00
15	13(2)	Water works 13 th Vitt	0.00	19468927.00	27494140.00	46963067.00	24103182.00
16	13(3)	Water.W by S.F.C/N.N	230000000.00	140408767.00	60204356.00	200613123.00	126972277.00
17	13(4)	Water Works Diesel	0.00	15744891.00	2702792.00	18447683.00	21498384.00
18	13(5)	Water works Shahri Nird	16000000.00	0.00	0.00	0.00	0.00
19	16A	Pay sweeper, Driver	280000000.00	259350560.00	21068597.00	280419157.00	250480157.00
20	16C	Garage xp. rajya vitt/NN	40000000.00	10320120.00	4454106.00	14774226.00	18361865.00
21	16C-1	Garage Diesel	0.00	11806741.00	2721623.00	14528364.00	16953251.00
22	16C-2	Garage xp. 13 th vitt	0.00	16059295.00	18465258.00	34524553.00	23596765.00
23	17	Pay C.S.I	8000000.00	1306307.00	383229.00	1689536.00	4149026.00
24	18	Pay hospital	2500000.00	490441.00	156641.00	647082.00	2085408.00
25	18(1)	Medicines xp. hospital	100000.00	0.00	0.00	0.00	0.00
26	20	Pay I.D.H	400000.00	56714.00	18876.00	75590.00	236113.00
27	22	slaughter house	100000.00	0.00	0.00	0.00	0.00
		<b>Total</b>	<b>865800000.00</b>	<b>665656290.00</b>	<b>165603204.00</b>	<b>831259494.00</b>	<b>663415943.00</b>

**Annexure 4.3 City Profile: Municipal Budget ( FY 2015-16)**

(Annual Account) upto the month of MARCH - 2016							
Expenditure page 4 (After Revised Budget 2015-2016)							
No of item	Head no.	Heads of Expenditure	(2015-16) Budget Estimate for the current year	Actual upto the ends of	Actual for the month of MAR- 16	(2015-16) Total of columns 5&6	2014-15 Actuals for corresponding period of the proceeding year
1	2	3	4	5	6	7	8
		B.F	865800000.00	665656290.00	165603204.00	831259494.00	663415943.00
28	25	Pay Gardner	10000000.00	1433538.00	470408.00	1903946.00	5773287.00
29	25(1)	Park maintenance xp.	1000000.00	28950.00	62400.00	91350.00	121315.00
30	28	Pay P.W.D	20000000.00	15413761.00	1511652.00	16925413.00	13841564.00
31	29	Building const. xp.	2000000.00	33284.00	0.00	33284.00	350209.00
32	30(1)	Road xp. Rajya vitt/N.N	250000000.00	134669311.00	72611414.00	207260725.00	210833867.00
33	30(2)	Road xp. 13th- vitt	0.00	22953122.00	15593874.00	38546996.00	50370283.00
34	30(3)	Road 2% Stamp Duty	120000000.00	13752448.00	2208192.00	15960640.00	34606660.00
35	30(3)A	Other 2% Stamp Duty	0.00	10583425.00	5354369.00	15937794.00	0.00
36	30(4) a	Nagriya Jal Nikasi Yojna	50000000.00	1656421.00	1866654.00	3523075.00	38625014.00
37	30(4) b	Nagriya Sadak Sudhar	30000000.00	4262725.00	0.00	4262725.00	5300000.00
38	30(4) c	Nagriya Nala Sudhar	30000000.00	0.00	0.00	0.00	0.00
39	30(4) d	Anthyeshthi sthal	20000000.00	0.00	0.00	0.00	0.00
40	30(4)e	Naya Savera Yojna	20000000.00	0.00	0.00	0.00	0.00
41	30(4)f	Other Grants	50000000.00	0.00	0.00	0.00	0.00
42	30(4)g	Atal Amrit City Yojna	800000000.00	0.00	0.00	0.00	0.00
43	30(4)h	Swachh Bharat Yojna	20000000.00	2446431.00	429354.00	2875785.00	0.00
44	30(4)i	Smart City Yojna	200000000.00	629252.00	65125.00	694377.00	0.00
45	30(s)	Road xp. sahri nird.	24000000.00	0.00	0.00	0.00	0.00
46	31 -1	Sansad nidhi xp.	500000.00	0.00	0.00	0.00	0.00
47	31(2)	Vidhayak nidhi	600000.00	0.00	0.00	0.00	0.00
48	31(3)	Revolving fund	25000000.00	0.00	0.00	0.00	21847703.00
49	31(4)	Baadh Aapda(floods)	1000000.00	0.00	0.00	0.00	21962.00
50	31(e)	Asside	50000.00	0.00	0.00	0.00	0.00
51	31(7)	J.N.N.U.R.M Establish.	5000000.00	358388.00	0.00	358388.00	0.00
52	31(8)	J.N.N.U.R.M Off.Admn.	0.00	10341.00	0.00	10341.00	0.00
53	31(9)	J.N.N.U.R.M P.I.C.P.I.P	0.00	0.00	0.00	0.00	0.00
54	31(10)	J.N.N.U.R.M Finance.P.	0.00	0.00	0.00	0.00	0.00
55	31(11)	J.N.N.U.R.M - R.I.S	0.00	0.00	0.00	0.00	0.00
56	31(12)	J.N.N.U.R.M -D.I.M	0.00	0.00	0.00	0.00	0.00
57	31(13)	J.N.N.U.R.M - Vividh	0.00	240.00	0.00	240.00	0.00
		<b>Total</b>	<b>2544950000.00</b>	<b>873887927.00</b>	<b>265776646.00</b>	<b>1139664573.00</b>	<b>1045107807.00</b>

(Annual Account) upto the month of MARCH - 2016							
Expenditure page 5 (After Revised Budget 2015-2016)							
No of item	Head no.	Heads of Expenditure	(2015-16) Budget Estimate for the current year	Actual upto the ends of	Actual for the month of MAR- 16	(2015-16) Total of columns 5&6	2014-15 Actuals for corresponding period of the proceeding year
1	2	3	4	5	6	7	8
		B.F	2544950000.00	873887927.00	265776646.00	1139664573.00	1045107807.00
58	34	Library xp.	500000.00	83790.00	0.00	83790.00	261633.00
59	41	Stationary record room	9500000.00	8713584.00	302681.00	9016265.00	6891680.00
60	41A	Suits	1800000.00	1228106.00	52396.00	1280502.00	1567954.00
61	41B	Insurance	4000000.00	1242907.00	0.00	1242907.00	998887.00
62	41B-1	Upkar wapsi	0.00	0.00	0.00	0.00	0.00
63	41E	Mela(fairs)	15000000.00	3609325.00	0.00	3609325.00	2998578.00
64	41F	Vividh	15000000.00	1988615.00	195959.00	2184574.00	6298725.00
65	41F-1	Advertising	0.00	3226351.00	302708.00	3529059.00	9939802.00
66	41F-2	Bank Charges	0.00	9432.40	0.00	9432.40	0.00
67	45	I.D.S.M.T	3000000.00	20000.00	0.00	20000.00	4011491.87
68	47	premium of shops	1000000.00	0.00	0.00	0.00	0.00
69	51	Deposits	10000000.00	2320000.00	1600000.00	3920000.00	6265000.00
70	56	13th- vitt	120000000.00	0.00	0.00	0.00	0.00
71	56	14th- vitt	100000000.00	0.00	0.00	0.00	0.00
		<b>Grand Total</b>	<b>2824750000.00</b>	<b>896330037.40</b>	<b>268230390.00</b>	<b>1164560427.40</b>	<b>1084341557.87</b>

## SAHARANPUR- The Liveable Smart City

### Annexure 4.3 City Profile: NULM Details (FY 2016-17)

राष्ट्रीय शहरी आजीविका मिशन वित्तीय वर्ष 2016-17  
माह JAN, 2017

जिला का नाम :- सहारनपुर

\* परियोजना अधिकारी का नाम व मो नं- श्री आर.के. कौशिक 9319305705

\* सी.एम.एम. का नाम व मो नं- श्री आनन्द भारती, श्री संतोष कुमार 7052152480-1

क्रमांक	घटक का नाम	*01.04.2016 का प्राद अक्षर	प्राप्त धनराशि			व्यय राशि		शुद्ध मुद्द्यालय को वापस की गई कुल राशि	व्ययर्जन		व्यय/वापस का योग (8+9)	अक्षर राशि	प्रेरित यू का दिव
			माह में	क्रमिक	कुलयोग (3+5)	माह में	क्रमिक		कुल व्यय राशि	योजना में प्राप्त राशि			
1	SM&ID	1301919	0	40000	1761919	0	668000	668000	0	0	668000	1093919	
2	EST&P	854740	0	978390	1833130	0	3266500	3266500	0	1000000	3200500	86370	
3	LD (G)	1847063	0	0	1847063	0	296243	296243	0	0	296243	500000	
4	LD (G)	600000	0	0	600000	0	0	0	0	0	0	10000	
5	CBT	10000	0	0	10000	0	0	0	12138400	0	12138400	0	
6	SUH	12138400	0	0	12138400	0	487427	487427	0	0	487427	49048	
7	SUSV	40000	0	497375	537375	0	0	0	0	0	0	0	
8	A&OE	0	0	0	0	0	0	0	0	0	0	2478	
9	IEC	2478	0	0	2478	0	0	0	0	0	0	0	
10	I&SP	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL-	16754600	0	1875765	18630365	0	4718230	4718230	12138400	1500000	1500000	16856630	1773735

लेखाकार

शहर निगम मैनेजर

परियोजना अधिकारी

## SAHARANPUR- The Liveable Smart City

### Annexure 4.3 City Profile: NULM Housing Project Details (FY 2016-17)

राष्ट्रीय शहरी आजीविका मिशन वित्तीय वर्ष 2016-17  
माह JAN, 2017

जिला का नाम :- सहारनपुर

\* परियोजना अधिकारी का नाम व मो नं- श्री आर.के. कौशिक 9319305705

\* सी.एम.एन. का नाम व मो नं- श्री आनन्द भारती, श्री संतोष कुमार 7052152480-1

क्रमांक	घटक का नाम	01.04.2016 का श्रौ अवशेष	प्राप्त धनराशि			व्यय राशि		शुद्ध मुख्यमालय को वापस की गई कुल राशि	व्ययवर्धन		व्यय/वापस का योग (8+9)	अवशेष राशि	प्रेषित यू का दिव	
			माह में	क्रमिक	कुल योग (3+5)	माह में	क्रमिक		कुल व्यय राशि	योजना में प्राप्त राशि				योजना की बिकाली राशि
1														
1	SM&ID	1361919	0	400000	1761919	0	666000	666000	0	0	0	666000	1093919	
2	EST&P	654740	0	978390	1633130	0	3266500	3266500	0	1500000	0	3200560	66370	
3	(G)	1847063	0	0	1847063	0	296243	296243	0	0	0	1500000	296243	500000
4	(G)	800000	0	0	800000	0	0	0	0	0	0	0	10000	
5	CBT	10000	0	0	10000	0	0	0	12138400	0	0	12138400	0	
6	SUH	12138400	0	0	12138400	0	0	0	0	0	0	487427	49948	
7	SUSV	40000	0	497375	537375	0	487427	487427	0	0	0	0	0	
8	A&OE	0	0	0	0	0	0	0	0	0	0	0	2478	
9	IEC	2478	0	0	2478	0	0	0	0	0	0	0	0	
10	I&SP	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL-	16754600	0	1875765	18630365	0	4718230	4718230	12138400	1500000	1500000	16856630	1773735	

लक्ष्मी

शहर निगम मैनेजर

परियोजना अधिकारी



आसरा योजना  
(नोडल विभाग-नगरीय रोजगार एवं गरीबी उन्मूलन)

वर्ष - 2016-17

(इकाई धनराशि लाख रु0/संख्या में)

जनपद : सहारनपुर।

प्रगति माह - जनवरी, 2017 तक

क्र. सं.	परियोजनाओं की स्वीकृत लागत (₹ लाख में)			वित्तीय प्रगति					भौतिक प्रगति					अभियुक्ति
	आवास	अवस्थापना कार्य	योग	अनुमोदित धनराशि (₹ लाख में)	व्यय धनराशि (₹ लाख में)			व्यय प्रतिशत (8/5)	आवासों की लक्षित संख्या	अनारम्भ आवासों की संख्या	निर्माणधीन आवासों की संख्या	पूर्ण आवासों की संख्या	पूर्ण आवासों का प्रतिशत (13/10)	
					आवास	अवस्थापना	योग							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	378.07	-	378.07	378.07	201.00	-	201.00	53 %	96	-	48	48	50 प्रतिशत	धनराशि कार्यवाही संस्था को स्थानान्तरित, 38 आवासों (उत्पत्ती) का कार्य पूर्ण, 12 नंग पर किनिशिंग का कार्य प्रगति पर तथा 24 (2 ब्लॉक) आवासों के नींव का कार्य पूर्ण तथा सुपरस्ट्रक्चर निर्माण का कार्य प्रगति पर है। 24 (2 ब्लॉक) आवासों के नींव का कार्य प्रगति पर है।
2.	283.55	-	283.55	283.55	180.00	-	180.00	63 %	72	-	48	24	33 प्रतिशत	धनराशि कार्यवाही संस्था को स्थानान्तरित, 24 आवासों (उत्पत्ती) का कार्य पूर्ण, 38 नंग पर स्लैब का कार्य पूर्ण, किनिशिंग का कार्य प्रगति पर तथा 12 (1 ब्लॉक) आवासों के नींव का कार्य पूर्ण तथा सुपरस्ट्रक्चर का कार्य प्रगति पर है।
योग	661.62	-	661.62	661.62	381.00	-	381.00	100 %	168	-	96	72	43 %	

नोट : निर्धारित भौतिक लक्ष्य पूर्ण करने का समय सितम्बर, 2017 निर्धारित है।

परियोजना अधिकारी  
जिला नगरीय विकास अभिकरण  
सहारनपुर।

**Annexure 4.3 City Profile: Housing Rates for different Groups for Housing Scheme under DUDA (2017)**

**M.P.R SUMMARY SHEET**

जनपद : सहारनपुर।

माह : जनवरी, 2017

मद का विवरण	1.04.16 को अवशेष	वित्तीय वर्ष में प्राप्त धनराशि		वित्तीय वर्ष में क्रमिक व्यय			वित्तीय वर्ष में क्रमिक भौतिक उपलब्धि			वर्तमान में अवशेष
		माह में	क्रमिक	कुल व्यय	एससीपी	अल्प संख्यक	कुल	एससीपी	अल्प संख्यक	
मूलभूत सुविधाएँ (S C P)	18.007	0.00	18.007	18.007	-	-	-	-	-	0.00
<b>योग</b>	<b>18.007</b>	<b>0.00</b>	<b>18.007</b>	<b>18.007</b>						<b>0.00</b>
अल्पसंख्यक बाहुल्य बस्ती योजना	332.472	0.00	2680.795	2240.786	-	-	-	-	-	440.009
<b>योग</b>	<b>332.472</b>	<b>0.00</b>	<b>2680.795</b>	<b>2240.786</b>						<b>440.009</b>
मलिन बस्ती-83	215.775	0.00	1235.661	661.65	-	-	-	-	-	574.011
<b>योग</b>	<b>215.775</b>	<b>0.00</b>	<b>1235.661</b>	<b>661.65</b>						<b>574.011</b>
स्वच्छकार विमुक्ति योजना इंटिग्रेटिड (I.L.C.S)	0.00	0.00	0.00	0.00	-	-	-	-	-	0.00
<b>योग</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>						<b>0.00</b>
प्रशासनिक व्यय (अन्य)	0.007	0.00	2.007	1.147	-	-	-	-	-	0.86
प्रशासनिक वेतन	4.205	0.00	15.205	12.686	-	-	-	-	-	2.519
<b>योग</b>	<b>4.468</b>	<b>0.00</b>	<b>16.212</b>	<b>13.833</b>						<b>3.379</b>
IHSDP	1.221	0.00	23.511	0.00	-	-	-	-	-	23.511
<b>योग</b>	<b>1.221</b>	<b>0.00</b>	<b>23.511</b>	<b>0.00</b>						<b>23.511</b>
आसरा योजना	0.00	0.00	330.81	330.81	-	-	-	-	-	0.00
<b>योग</b>	<b>0.00</b>	<b>0.00</b>	<b>330.81</b>	<b>330.81</b>						<b>0.00</b>
रिक्शा योजना	0.00	122.188	122.188	113.801						8.387
<b>योग</b>	<b>0.00</b>	<b>122.188</b>	<b>122.188</b>	<b>113.801</b>						<b>8.387</b>

परियोजना अधिकारी,  
जिला नगरीय विकास अभिकरण  
सहारनपुर।

**Annexure 4.3 City Profile: Government Hospitals and availability of beds**

जनसंघ सहारनपुर के नगर क्षेत्र में स्थित राजकीय चिकित्सालयों का विवरण

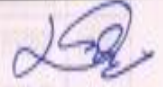
क्रमोंक	चिकित्सालय का नाम	बेड की संख्या
1	एसबीडी जिला चिकित्सालय (पुरुष), सहारनपुर।	316
2	जिला महिला चिकित्सालय, सहारनपुर	110
3	टी०बी० सेनिटोरियम, सहारनपुर।	72
4	इ०एस०आई० चिकित्सालय, सहारनपुर।	50

भवदीय,

मुख्य चिकित्साधिकारी,  
सहारनपुर।

## Annexure 4.3 City Profile: Schools & Enrolment Details

S.NO	Education			
4.1	% of school aged population enrolled in schools	Total enrollment in primary and secondary schools	Total population in the age group of 6-14 years	Unified district information system of education (U-DISE) till 30th september of school year
		667607	694217 579826	
4.2	% of female school aged children enrolled in schools	Total female enrolment in primary and secondary schools	Total female population in the age group of 6-14 years	Unified district information system of education (U-DISE) till 30th september of school year
		330658	317300 271891	
4.3	Primary education student teacher ratio	Total number of students enrolled in primary schools	Total number of teachers available for primary grades	Unified district information system of education (U-DISE) till 30th september of school year
		578220	17529	
4.4	% of school with access to digital education	Number of schools with facilities for using digital educational content	Total number of schools	Department of primary education and department of secondary education
		209	2235	



जिला विद्यालय निरीक्षक  
सहारनपुर।

## SAHARANPUR- The Liveable Smart City

### Annexure 4.3 City Profile: Details of Air Quality of the City (2017)

U. P. POLLUTION CONTROL BOARD, SAHARANPUR

Annexure-II

**AMBIENT AIR QUALITY MONITORING  
DATA SHEET FOR GASEOUS AIR POLLUTANTS**

Instrument used-Envirotech APM 411 TE  
Station: Regional Office, 33/18 Kapil Vihar, Saharanpur.      Date : 18.01.2017

Shift	1 <sup>st</sup> Shift				2 <sup>nd</sup> Shift				3 <sup>rd</sup> Shift			
	06:00 AM-10:00 AM		10:00 AM-02:00 PM		02:00 PM-06:00 PM		06:00 PM-10:00 PM		10:00 PM-02:00 AM		02:00 AM-06:00 AM	
Monitoring Period	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>
Parameter	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>	So <sub>2</sub>	No <sub>2</sub>
Hourly Flow Rate (lpm)	01	01	01	01	01	01	01	01	01	01	01	01
	01	01	01	01	01	01	01	01	01	01	01	01
	01	01	01	01	01	01	01	01	01	01	01	01
	01	01	01	01	01	01	01	01	01	01	01	01
Average Flow Rate (lpm)	01	01	01	01	01	01	01	01	01	01	01	01
Total Operation Time (Minutes)	180	180	240	240	180	180	240	240	240	240	240	240
Initial Volume of Sample (ml)	25	25	25	25	25	25	25	25	25	25	25	25
Final Volume of Sample (ml)	24	24	24	24	24	24	24	24	24	24	24	24
Volume Taken for Analysis (ml)	20	20	10	10	20	20	20	20	20	20	20	20
Total Volume of Air Sampled (lit)	180	180	240	240	180	180	240	240	240	240	240	240
Absorbance (Blank)	00	00	00	00	00	00	00	00	00	00	00	00
Absorbance (Sample)	0.19	0.03	0.28	0.04	0.28	0.04	0.90	0.06	0.06	0.02	0.18	0.02
Concentration (µg/m <sup>3</sup> )	9.8	28.20	18.2	38.2	16.4	40.10	49.8	4.3	14.2	16.4	8.4	10.8
24 hourly Average So <sub>2</sub> (µg/m <sup>3</sup> )	18.63				24 hourly Average No <sub>2</sub> (µg/m <sup>3</sup> )				29.45			
Remarks:	Fire cracker generally burst in sky no vesicular activity.											

**Annexure 4.3 City Profile: Details of Air Quality Level (2017)**

U. P. POLLUTION CONTROL BOARD, SAHARANPUR

Annexure-I

AMBIENT AIR QUALITY MONITORING  
DATA SHEET FOR PARTICULATE MATTER

Date : 18.01.2017

Station: Regional Office, Kapil Vihar, Saharanpur.

Shift	1 <sup>st</sup> Shift	2 <sup>nd</sup> Shift	3 <sup>rd</sup> Shift
Monitoring Period	06:00 AM - 02:00 PM	02:00 PM-10:00 PM	10:00 PM-06:00 PM
Parameter	RSPM	RSPM	RSPM
Filter Paper No.	1608	1609	1610
Hourly Flow Rate	1.60	1.60	1.60
	1.60	1.50	1.50
	1.50	1.50	1.40
	1.50	1.40	1.40
	1.40	1.30	1.30
	1.40	1.30	1.30
	1.30	1.30	1.30
	1.20	1.20	1.20
Average Flow Rate (lpm)	1.43	1.38	1.37
Total Operation Time (Minutes)	360	420	480
Initial weight of Filter paper (gms)	2.7163	2.7670	2.7618
Final weight of Filter paper (gms)	2.7913	2.8612	2.8581
Dust Contents (gms)	0.0750	0.0942	0.0963
Total Volume of Air Sampled (lit)	514.80	579.6	657.6
Concentration ( $\mu\text{g}/\text{Nm}^3$ )	145.68	162.52	146.52
24 hourly Average SPM ( $\mu\text{g}/\text{Nm}^3$ )	151.57		

**Annexure 4.3 City Profile: Details of Noise Level (2016, 2017)**

Gram : PARAYAVARAN Tele & Fax - 2713526

**UTTAR PRADESH POLLUTION CONTROL BOARD,  
REGIONAL OFFICE/LABORATORY- SAHARANPUR.**

Ambient Noise Monitoring Report- 2016

INSTRUMENT USED: Cygnel 2001	PERMISSIBLE LIMIT, UNIT- IN dB, (A)							
	Commercial Area		Sensitive Area		Residential Area		Industrial Area	
	Day	Night	Day	Night	Day	Night	Day	Night
Day Time- 06:00AM-10:00PM	65	55	50	40	55	45	75	70
Night Time - 10:00PM-06:00AM								

**Result**

Date & Month of Sampling	Clock Tower Near Police Chowki		District Hospital Premises near ATM PNB		Awaz Vikas Near Temple		Industrial Estate, Delhi Road	
	Day	Night	Day	Night	Day	Night	Day	Night
	18:00-18:15	22:00-22:25	18:25-18:35	22:35-22:50	18:45-18:55	23:15-23:30	19:15-20:30	23:0-24:00
15.12.2016	83.0	76.0	64.2	59.0	63.5	57.6	78.0	65.4

**NOISE LEVEL DURING  
Location: A**

Date: 18.01.2017

Location : A	Normal Day		
Time duration	Lmin	Lmax	Leq dB(A)
18.00 to 19.00 Hr.	44.8	69.4	62.4
19.00 to 20.00 Hr.	47.2	66	64.3
20.00 to 21.00 Hr.	49	68.2	63.2
21.00 to 22.00 Hr.	46.8	65.8	61.1
22.00 to 23.00 Hr.	46.01	60	57.9
23.00 to 24.00 Hr.	47.2	59.8	56.8

## Annexure 4.3 City Profile: Details of Existing Vending Zone (DUDA)

### District Urban Development Agency (DUDA) Saharanpur, Uttar Pradesh

Letter No- 574/DUDA/2017-18

Date - 25/10/2017

To,

Municipal Commissioner  
Saharanpur Municipal Corporation  
Uttar Pradesh

**Sub : - Regarding Vendors related data asked for smart city Round 4 Proposal Preparations for saharanpur.**

We acknowledge the following data asked by consultant from Darashaw & Company for smart city Round 4 Proposal preparation of saharanpur City.

**Responses to Housing related data :-**

- 1- No. of housing units proposed (Affordable Housing project) till data 2017 :- NILL
- 2- Estimated project cost (Affordable Housing project) : NILL
- 3- Estimated data/year of completed Affordable Housing project : NILL
- 4- No. of housing units completed (Affordable Housing project) : NILL
- 5- funded Project cost (Affordable Housing project) : NILL
- 6- Comment on current status on Affordable Housing project : Validation in Progress
- 7- **Night shelters details under SDA (if proposed or existing)-**
  - No – NILL
  - Location – NILL
  - Capacity – NILL
  - Estimated/ involved project cost : NILL
  - Comment on current status : NILL
- 8- **Suitable available land details to propose 2 Night shelters which we claim there is NO objection in utilizing as per said requirement -**
  - a. **Night shelter 1 details :**
    - Location – NILL
    - Area of land suggested with NOC : NILL



## Annexure 4.3 City Profile: Details of Night Shelters & Old Age Homes in the city

### b. Night shelter 1 details :

- Location – NILL
- Area of land suggested with NOC: NILL

### 9- Old age home details under DUDA ( if proposed of existing)

- No - NILL
- Location – NILL
- Capacity – NILL
- Estimated/ involved project cost : NILL
- Comment on current status: NILL

### 10- Available land details to propose old age home which we claim there is NO objection in utilizing as per said requirement –

- Location - NILL
- Area of land suggested with NOC : NILL



Project Officer  
District Urban Development Agency  
DUDA-Saharanpur

**Annexure 4.3 City Profile: Details of Proposed Vending Zone (DUDA)**

**District Urban Development Agency (DUDA)  
Saharanpur, Uttar Pradesh**

Letter No- 338/DUDA/2017-18

Date – 23/10/2017

To,  
Municipal Commissioner  
Saharanpur Municipal Corporation  
Uttar Pradesh

**Sub : - Regarding Vendors related data asked for smart city Round 4 Proposal Preparations for saharanpur.**

We acknowledge the following data asked by consultant from Darashaw & Company for smart city Round 4 Proposal preparation of saharanpur City.

**Responses to Vendors related data –**

- 1- Street Vendor registration data :- 8124  
2- No. of Registered Vendors :- 1967  
3- Name of 25 Proposed Location :- 25 Proposed Location in Saharanpur

S.no.	Proposed Location	S.no.	Proposed Location
1	Aali ki Chowki to Godega Chowk	14	Godega Tiraha to Chikana Chungi
2	Ghantaghar Chowk to Stadium	15	Hazanpur Chungi to South City
3	Awas Vikas Tiraha to Sabji Mandi/ RTO Office	16	Qutab Sheer Chowk to Sarafat Chowk
4	Batra Tiraha to Purani Chungi	17	Railway Station to Ghantaghar Chowk
5	Bhagat Singh Chowk to Nawab Ganj Chowk	18	Sabji Mandi to RTO Office Sedar Kotwali
6	Bharat Mata Chowk to Batra Tiraha	19	south city to awas vilokh chowk
7	Bharat Mata Chowk to Police Chowki Nahar	20	Sirri Ram Chowk to Asfak Ulla Chowk
8	Bharat Bus Stand to Kodia Ki Pulla	21	Purana Pul at Vishwakarma Chowk
9	Chaman Place Tiraha to Jell Chungi	22	Court Road Flyover
10	Chikana Chokli to Sah Chowk	23	Delhi Road/ DIG Awas
11	Choudhary Charan Singh Chowk to Dehri Village	24	Delhi Road Purana ARTD office Alam Bagh Sabji Mandi
12	Chikana Chokli to Sah Chowk	25	In Front of Gupta Hospital (Old Bridge)
13	Ghantaghar Chowk to Stadium		

- 4- Estimated Project Cost :- 3,26,26,057.00  
5- Comment on current status of Street Vendor Program :- (1)Registration and Certificates distribution is going on (2) Training of Registered Vendors by RCUSE Lucknow under progress.

  
Project Officer  
District Urban Development Agency  
DUDA-Saharanpur

**Annexure 4.3 City Profile: Online Tax Payment Facility Snapshot**

**SAHARANPUR NAGAR NIGAM -Property Tax Online Payment**



Search your Property using any of the following options-

1. Enter your 'Property ID' (Printed on Bill) and Press 'Search By Property ID' button
2. Select your 'Locality', 'Enter Property Owner Name' and Press 'Search By Owner' button
3. Select your Locality, 'Enter House No' and Press 'Search By Owner' button

Property Id :  Search By Property ID


OR

Locality Name :  ▼ Owner Name :  Search By Owner

House No :

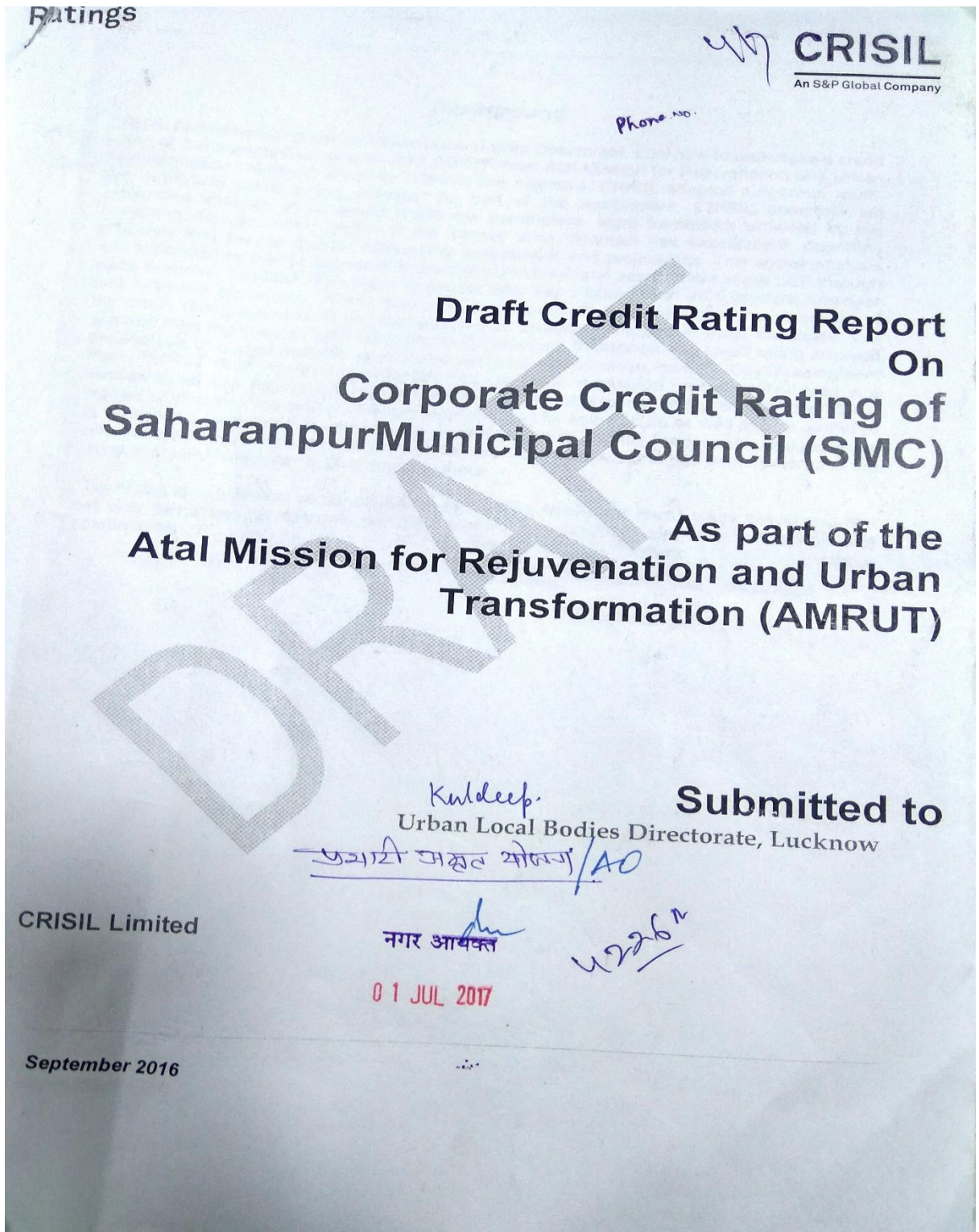
Search By HouseNo

[Home](#)  
 [Pay Online Tax](#)  
 [Privacy Policy](#)  
 [Refund Policy](#)  
 [Return Policy](#)  
 [T & C](#)  
 [About Us](#)  
 [Contact Us](#)





**Annexure 4.3 City Profile: Credit Rating Project Details**



## Annexure 4.3 City Profile: Credit Rating Project Details

CRISIL An S&P Global Company				
Particulars (Rs. Crore)	2015-16	2014-15	2013-14	2012-13
State Grants	88.14	74.72	65.86	41.05
Revenue Grants/ Revenue Receipts	84%	79.10	77.57	75.88

- Moderate financial risk profile**  
SMC has a moderate financial risk profile marked by moderate operating surplus and absence of any debt. Own tax and non-tax revenues of the corporation constitute to around 17 percent of the total revenue in 2015-16. The corporation has been able to maintain moderate operating surplus of over 10 percent in the past despite high establishment expenses. With non-revenue generating capex planned over the medium term that would lead to an increase in repairs and maintenance cost, coupled with an increase in the establishment expenses on account of introduction of pay commission, the revenue surplus are expected to deteriorate, however would continue to remain moderate over the medium term.

Furthermore, SMC has a good financial flexibility on account of absence of any debt on its books as on date. This provides corporation with flexibility to borrow if required towards funding its projects. The corporation over the next 4-5 years is undertaking a number of projects under various schemes such as AMRUT and smart city etc. Most of these schemes are 100 percent GoI funded, however some schemes would require the corporation to provide part funding.

The above rating strengths are partially offset by the following weaknesses:

**Weaknesses:**

- Weak economic management, reflected in constrained existing revenues with poor collection efficiency and zero cost recovery of maintenance**

Although the Uttar Pradesh Municipal Corporation Act empowers the corporations/ councils with a number revenue augmenting sources, SMC has a limited existing own revenue sources. Revenue receipts from own sources include tax and non-tax revenues which together account for around 21 percent of the total revenue receipts. Tax revenue of SMC includes only general tax which accounts for only 6 percent of revenue receipts and hence the collection efficiency of SMC is poor. Per capita general tax stands at around Rs.85 which is quite low as compared to other states other states such as Rajasthan, Maharashtra, West Bengal etc. There is no systematic procedure for collection of property tax. Collection is only focused on collecting from regular tax payers and hence the tax collection is low. Also collections are also affected due to sever staff shortage in the corporation and unwillingness of the citizens to pay tax.

Furthermore, the corporation does not levy any fees or charges for the services it provide like solid waste collection and hence the recovery of cost of maintenance is zero. Thus limited own revenues makes the corporation heavily dependent on state government for grants for meeting its revenue expenditure like salaries and pensions.

## Annexure 4.3 City Profile: Credit Rating Project Details

<b>CRISIL</b> An S&P Global Company				
Particulars (Rs. Crore)	2015-16	2014-15	2013-14	2012-13
State Grants	88.14	74.72	65.86	41.05
Revenue Grants/ Revenue Receipts	84%	79.10	77.57	75.88

- Moderate financial risk profile**  
 SMC has a moderate financial risk profile marked by moderate operating surplus and absence of any debt. Own tax and non-tax revenues of the corporation constitute to around 17 percent of the total revenue in 2015-16. The corporation has been able to maintain moderate operating surplus of over 10 percent in the past despite high establishment expenses. With non-revenue generating capex planned over the medium term that would lead to an increase in repairs and maintenance cost, coupled with an increase in the establishment expenses on account of introduction of pay commission, the revenue surplus are expected to deteriorate, however would continue to remain moderate over the medium term.

Furthermore, SMC has a good financial flexibility on account of absence of any debt on its books as on date. This provides corporation with flexibility to borrow if required towards funding its projects. The corporation over the next 4-5 years is undertaking a number of projects under various schemes such as AMRUT and smart city etc. Most of these schemes are 100 percent GoI funded, however some schemes would require the corporation to provide part funding.

The above rating strengths are partially offset by the following weaknesses:

**Weaknesses:**

- Weak economic management, reflected in constrained existing revenues with poor collection efficiency and zero cost recovery of maintenance**

Although the Uttar Pradesh Municipal Corporation Act empowers the corporations/ councils with a number revenue augmenting sources, SMC has a limited existing own revenue sources. Revenue receipts from own sources include tax and non-tax revenues which together account for around 21 percent of the total revenue receipts. Tax revenue of SMC includes only general tax which accounts for only 6 percent of revenue receipts and hence the collection efficiency of SMC is poor. Per capita general tax stands at around Rs.85 which is quite low as compared to other states other states such as Rajasthan, Maharashtra, West Bengal etc. There is no systematic procedure for collection of property tax. Collection is only focused on collecting from regular tax payers and hence the tax collection is low. Also collections are also affected due to sever staff shortage in the corporation and unwillingness of the citizens to pay tax.

Furthermore, the corporation does not levy any fees or charges for the services it provide like solid waste collection and hence the recovery of cost of maintenance is zero. Thus limited own revenues makes the corporation heavily dependent on state government for grants for meeting its revenue expenditure like salaries and pensions.

## Annexure 4.3 City Profile: Credit Rating Project Details

### b. Property Tax

Particulars	Yes/No	Remarks
GIS database of record of proprieties liable to property tax	No	Under process
Non-discretionary method for determination of property tax	Yes	Unit Area method
Migration to self-assessment system	Yes	No
Tax payer education programme	Yes	No
Establish dispute resolution mechanism	Yes	No

### c. E-Governance Initiative

E governance initiatives	Yes/No
Use of ERP packages	No
Biometrics based access control System	No
Software for simplifying building construction approvals procedures	No
Does the city have a GIS base map in place	No
Online process of birth and death certificates	Yes
Computerized billing system adopted	Yes
Online property tax and water tax	Yes
Does municipality have a website of its own	Yes
Frequency data update on the website	Monthly
Automated tender process	Yes

### d. Reforms to be implemented under AMRUT

Under AMRUT, cities are required to undertake certain reforms in e-governance, accounting, audit, improvement in user charges etc. As per the AMRUT guidelines, one purpose of the Mission is to improve governance through a set of Reforms. Past experience shows that projects get delayed if release of project funds is linked to non-completion of Reforms. Therefore, the AMRUT mission shifts from penalisation to incentivisation and thus a 10 percent of the total project cost has been kept apart and given to the States/UTs every year as incentive for achievement of Reforms. This incentive fund is an additionally that will be provided by the MoUD and no matching funds will be required to be given by the State/ULB. The incentive cannot be used as the State share in project in the AMRUT, but can be used by the ULBs for their project funding.

## 2.3 Municipal Finances

### Basis of analysis

Analysis of SMC's finances is based on the income and expenditure statement (Municipal Budgets) for the period between 2012-13 and 2016-17. The corporation has implemented double entry system for accounting; however financial statements for 2015-16 & 16-17 are not available.

### Financial Performance:

	2016	2015	2014	2013
	Actuals			

## Annexure 4.3 City Profile: Credit Rating Project Details

**CRISIL**  
An S&P Global Company

Revenue Receipts					
Revenue Expenditure (excl. interest)	Rs Lakh	10572	9085	7608	5077
Operating Surplus	Rs Lakh	9993	7563	6601	5484
Debt Charges	Rs Lakh	579	1521	1008	-407
Revenue Surplus/(Deficit)	Rs Lakh	-	-	-	-
Capital Receipts	Rs Lakh	579	1521	1008	-407
Capital Expenditure	Rs Lakh	1784	912	1934	765
Capital Surplus/(Deficit)	Rs Lakh	1344	1407	1108	482
Overall Surplus/(Deficit)	Rs Lakh	440	-495	826	283
Debt	Rs Lakh	1019	1026	1834	-124
Cash Opening	Rs Lakh	-	-	-	-
Cash Closing	Rs Lakh	4915	3889	2055	2179
Ratios					
Growth in property tax collections	%	41%	18%	3%	159%
Growth in octroi compensation	%	-	-	-	-
Property tax to revenue receipts	%	6%	5%	5%	8%
Own revenues/ Revenue receipts	%	17%	18%	13%	19%
Establishment Exp./ Revenue exp.	%	51%	55%	49%	57%
Operating Surplus/ Revenue receipts	%	5%	17%	13%	-8%
Revenue Surplus/ Revenue receipts	%	5%	17%	13%	-8%
Overall Surplus/ Revenue receipts	%	10%	11%	24%	-2%
Operating Surplus/ Net debt	Times	-	-	-	-
Interest cover	Times	-	-	-	-
DSCR	Times	-	-	-	-

- Moderate revenues base with high dependence on state government grants for its revenue

SMC's revenue profile depicts moderate own revenues. Since the state does not levy octroi, the only source of SMC's own tax revenue is House Tax, Water & Sewerage Charges which constituted a mere 6 percent of revenue receipts in 2015-16. Own non tax revenue constitutes fees and charges and rent from municipal properties including proceeds from sale of land. Own tax and non-tax revenues constitute to around 17 percent of the total revenue in 2015-16. Thus the major source of income being state government grants constitutes to around 83 percent

Going forward, with moderate increase in own revenue is expected over the medium term and expected increase in revenue expenditure, the corporation will continue to depend on the state government for its revenue and capex requirements.

### Revenue profile of SMC

Particulars (Rs. Crore)	2015-16	2014-15	2013-14	2012-13	3 year CAGR (%)
Tax revenues & Compensation	12.84	8.45	12.92	7.30	18.46
Fees and User charges	1.35	1.76	2.17	0.75	(7.27)
Income from Municipal	2.84	2.60	1.76	3.01	(1.73)



## Annexure 4.3 City Profile: Credit Rating Project Details

**CRISIL**  
An S&P Global Company

Particulars (Rs. Lakhs)	2015-16	2014-15	2013-14	2012-13
Operating Surplus	579	1521	1008	-407
Operating Surplus/ Revenue Receipts	5%	17%	13%	-8%

Revenue expenditure of SMC

Particulars (Rs. Lakhs)	2015-16	2014-15	2013-14	2012-13
Establishment expenses	5124	4183	3236	3114
Total Revenue Expenditure	9993	7563	6601	5101

**CRISIL**  
An S&P Global Company

Sewerage & Septage Managemnet	Rs.108 Cr	50:30:20 (Cent.: State: ULB)	3 years (by Sep 2019)	DPR is pending for approval.
-------------------------------	-----------	---------------------------------	-----------------------	------------------------------

Open space and Green park- As per the AMRUT norms SMC is also undertaking development of green space and parks with special provision for child-friendly components.

Project	Cost Structure	Funding Mix	Estimated Timeline	Current Status
Development of open space and green park for children	Rs.50 lacs	50:30:20 (Cent.: State: ULB)	2 years (by 2019)	Project Sanctioned and DPR approved by PFAD



SAHARANPUR– The Liveable Smart City

# Annexure 4.4 Administrative Efficiency



**Annexure 4.4 Administrative Efficiency: Attendance Details**

Monthly Attendance Summary Report

Page 1 of 3

For The Month of September 2017

Nagar Nigam Saharanpur

Saharanpur

Department : Jalkal Vibhag

Name : Nadeem Akhtar

Card No :000002 Present :17.00 Absent :5.00 P.Leave :0.00 U.P.Leave :0.00 Weekly Off :4.00 Holiday :4.00 Paid Days :25.00 Paid Days :0

Working Hrs :0.00 OT Hrs 0.00 Early Dep. Hrs :0.00 Late Arr Hrs :34.51 Late Ded. Day :0.00 Early Dep Day :0.00

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Arrival Time	12:54						10:24	11:41			13:08	11:51	13:34	12:51	10:31			11:03	12:07	10:58	11:21	15:29	11:57		11:46	10:27	12:49			
Dep. Time																														
Status	P	HD	W/O	A	A	A	P	P	HD	W/O	P	P	P	P	P	A	W/O	P	P	P	P	P	P	W/O	P	P	P	A	HD	HD

Name : kulkar singh

Card No :000010 Present :22.00 Absent :0.00 P.Leave :0.00 U.P.Leave :0.00 Weekly Off :4.00 Holiday :4.00 Paid Days :30.00 Paid Days :0

Working Hrs :62.17 OT Hrs 0.00 Early Dep. Hrs :0.00 Late Arr Hrs :7.25 Late Ded. Day :0.00 Early Dep Day :0.00

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Arrival Time	09:46			11:45	10:11	10:12	10:22	10:13			09:56	09:24	09:48	10:03	09:51	09:41		10:46	10:05	10:02	09:42	10:55	09:58		09:35	10:04	09:55	12:47		
Dep. Time	17:44			18:02		18:21					18:18			19:14		17:33		18:15			17:53						18:30			
Status	P	HD	W/O	P	P	P	P	P	HD	W/O	P	P	P	P	P	P	W/O	P	P	P	P	P	P	W/O	P	P	P	P	HD	HD

Name : Khurshid Ahmed

Card No :000011 Present :20.00 Absent :2.00 P.Leave :0.00 U.P.Leave :0.00 Weekly Off :4.00 Holiday :4.00 Paid Days :28.00 Paid Days :0

Working Hrs :125.53 OT Hrs 0.00 Early Dep. Hrs :0.00 Late Arr Hrs :0.34 Late Ded. Day :0.00 Early Dep Day :0.00

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Arrival Time	10:02			10:12	09:50		10:01	09:53			10:04	10:03	09:59	10:03	09:58	10:02		09:41	10:06	09:37		09:55	10:01		09:36	09:47	09:57	09:49		
Dep. Time	17:55				17:10		17:05				17:10	17:04	17:04	17:03	17:19	17:02		17:00	17:00	17:11		17:04	17:00		17:08	17:04	17:04	17:02		
Status	P	HD	W/O	P	P	A	P	P	HD	W/O	P	P	P	P	P	P	W/O	P	P	P	A	P	P	W/O	P	P	P	P	HD	HD

Name : Surender Singh

Card No :000012 Present :21.00 Absent :1.00 P.Leave :0.00 U.P.Leave :0.00 Weekly Off :4.00 Holiday :4.00 Paid Days :29.00 Paid Days :0

Working Hrs :117.24 OT Hrs 0.00 Early Dep. Hrs :2.00 Late Arr Hrs :1.14 Late Ded. Day :0.00 Early Dep Day :0.00

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Arrival Time	09:49			09:31	10:03	09:52	09:45	10:12			09:52	09:51	10:05	10:31	09:58	09:54			09:23	10:00	10:20	09:51	10:03		09:28	09:57	09:55	09:48		
Dep. Time	17:55				17:34		17:36				17:15	17:11	17:18	17:17	17:34	17:10			16:30	17:13	17:02	16:23	17:14			16:37	16:58	16:32		
Status	P	HD	W/O	P	P	P	P	P	HD	W/O	P	P	P	P	P	P	W/O	A	P	P	P	P	P	W/O	P	P	P	P	HD	HD

## Annexure 4.4 Administrative Efficiency: Details of Online Services Available on SMC Website



SAHARANPUR NAGAR NIGAM

सहारनपुर नगर निगम

सहारनपुर नगर निगम  
SAHARANPUR NAGAR NIGAM

**News** • CALL NOW TO LODGE YOUR COMPLAINTS ON TOLL FREE NO.1800-180-5432,1800-180-3316

मुख्य पृष्ठ

हमारे बारे में

विभाग ▾

ई-समाचार पत्र

शासनादेश

उपविधियां

महत्वपूर्ण सूत्र ▾

नागरिक चार्टर

जन शिकायत

संपर्क





घंटाघर चौक



नगर निगम मुख्य कार्यालय



नगर निगम प्रशासनिक कार्यालय



गांधी पार्क

ऑन-लाइन संपत्तिकर भुगतान

अन्य ऑन-लाइन सेवायें

जन्म-मृत्यु पंजीकरण

जनसूचना का अधिकार

ई-टेंडर

स्वच्छ भारत मिशन

अमृत मिशन/रिफार्मस

सहारनपुर नगर निगम आपका स्वागत करता है.....

Tender Notice

- निर्माण पार्क निविदा-6-11-17
- निर्माण निविदा-25-10-17
- निर्माण निविदा-23-10-17
- पौकलैंड निविदा-17-10-17






सहारनपुर नगर निगम अपने नागरिकों के जीवन स्तर में सुधार हेतु जन सुविधाओं को विकसित करने तथा उनको समुचित स्तर पर बनाये रखना हेतु प्रयासरत है। जिसके क्रम में विभिन्न जन सुविधाओं यथा सफाई, पेयजल, विसंक्रमण, जल निकासी, पथ प्रकाश एवं सड़क सुधार जैसे महत्वपूर्ण कार्य नगर निकाय के विभिन्न भागों में सम्पादित होते हैं, उसके रख-रखाव एवं गुणवत्ता बनाए रखने हेतु जनता प्रतिक्रिया जानने और उस पर त्वरित कार्यवाही हेतु एक ऐसा तंत्र विकसित किया जाना आवश्यक है जो पाई थ्रू द गेट के माध्यम से

## Annexure 4.4 Administrative Efficiency: Details of Online Services Available on SMC Website


- ऑन-लाइन संपत्तिकर भुगतान
- अन्य ऑन-लाइन सेवायें
- जन्म-मृत्यु पंजीकरण
- जनसूचना का अधिकार
- ई-टैंडर
- स्वच्छ भारत मिशन
- अमृत मिशन/रिफार्म
- स्मार्ट सिटी मिशन
- लेखा विभाग
- स्वास्थ्य विभाग
- निर्माण विभाग
- पथ प्रकाश विभाग
- जलकल विभाग
- संपत्तिकर/नजूल विभाग

### सहारनपुर नगर निगम आपका स्वागत करता है.....



#### Tender Notice

- निर्माण पार्क निविदा-6-11-17
- निर्माण निविदा-25-10-17
- निर्माण निविदा 29-10-17



सहारनपुर नगर निगम अपने नागरिकों के जीवन स्तर में सुधार हेतु जन सुविधाओं को विकसित करने तथा उनको समुचित स्तर पर बनाये रखना हेतु प्रयासरत है। जिसके क्रम में विभिन्न जन सुविधाओं यथा सफाई, पेयजल, विसंक्रमण, जल निकासी, पथ प्रकाश एवं सड़क सुधार जैसे महत्वपूर्ण कार्य नगर निकाय के विभिन्न भागों में सम्पादित होते हैं, उसके रख-रखाव एवं गुणवत्ता बनाए रखने हेतु जनता प्रतिक्रिया जानने और उस पर त्वरित कार्यवाही हेतु एक ऐसा तंत्र विकसित किया जाना आवश्यक है, जो पूर्ण क्षमता के साथ स्वतः कार्य करे। इसी उद्देश्य से जन सम्पर्क व्यवस्था ई-गवर्नेंस के माध्यम से विकसित की जा रही है, जिसके अन्तर्गत निकाय में दूरभाष, ईमेल एवं काल सेंटर के माध्यम से जन शिकायतें प्राप्त करने की व्यवस्था की जा रही है और ई-गवर्नेंस के माध्यम से तत्काल सम्बन्धित विभागों को जन शिकायतें पहुँचायी जायेगी एवं तत्समय उनका निवारण करके जन शिकायत के बारे में समुचित जानकारी शिकायतकर्ता को दूरभाष व ईमेल पर उपलब्ध करा दी जायेगी, जिससे शिकायतकर्ता अपनी शिकायत की प्रगति तथा निस्तारण की जानकारी भी प्राप्त कर सकेंगे। नगर निगम जनता के प्रति अपनी संवेदना को बनाये रखते हुए एक सशक्त और पारदर्शी तंत्र विकसित कर रहा है, इसकी पूर्ण सफलता जनता के सक्रिय सहयोग से ही संभव होगा।

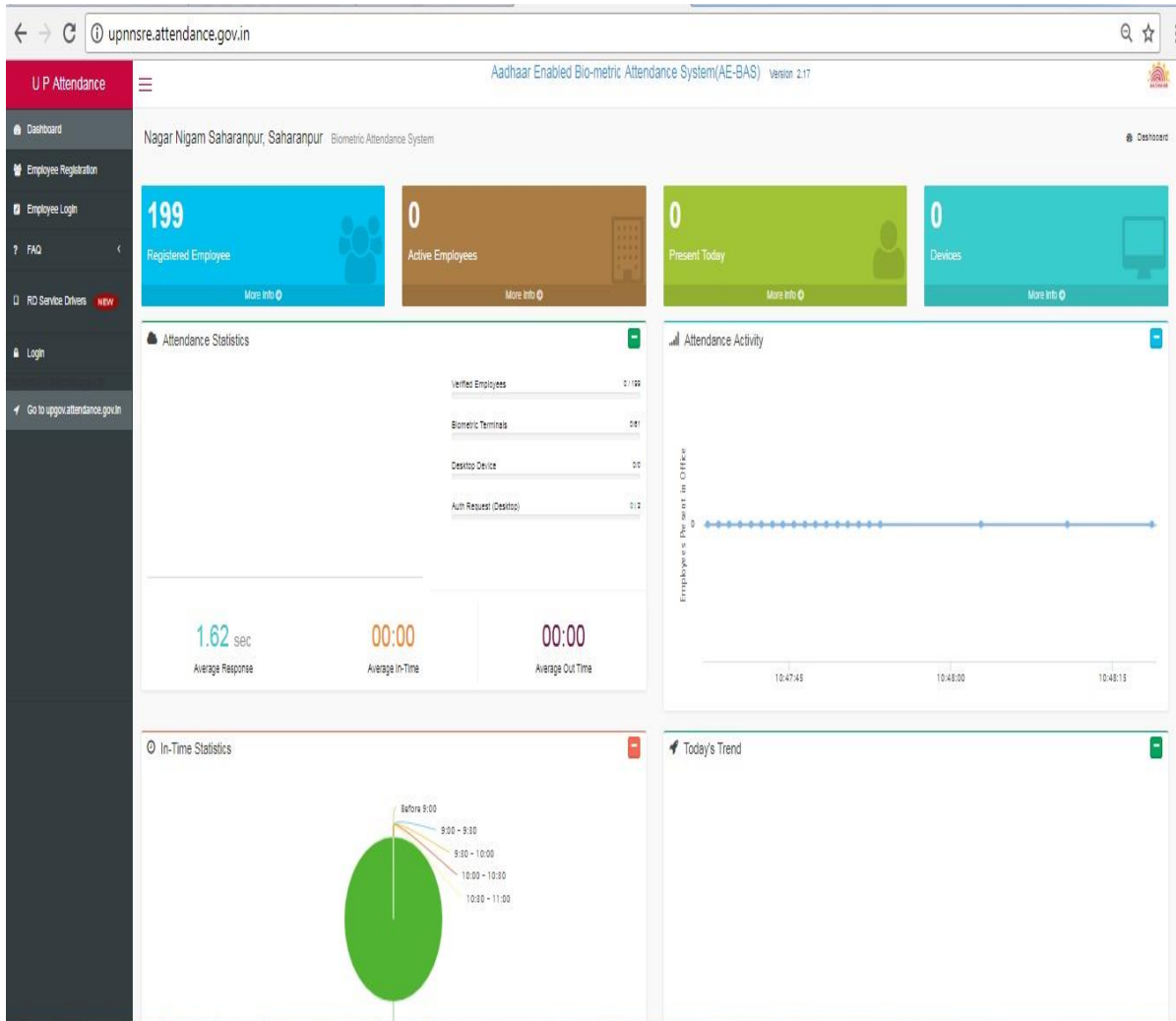
**गौरव वर्मा**  
नगर आयुक्त  
सहारनपुर नगर निगम

Visitor No- **02381**

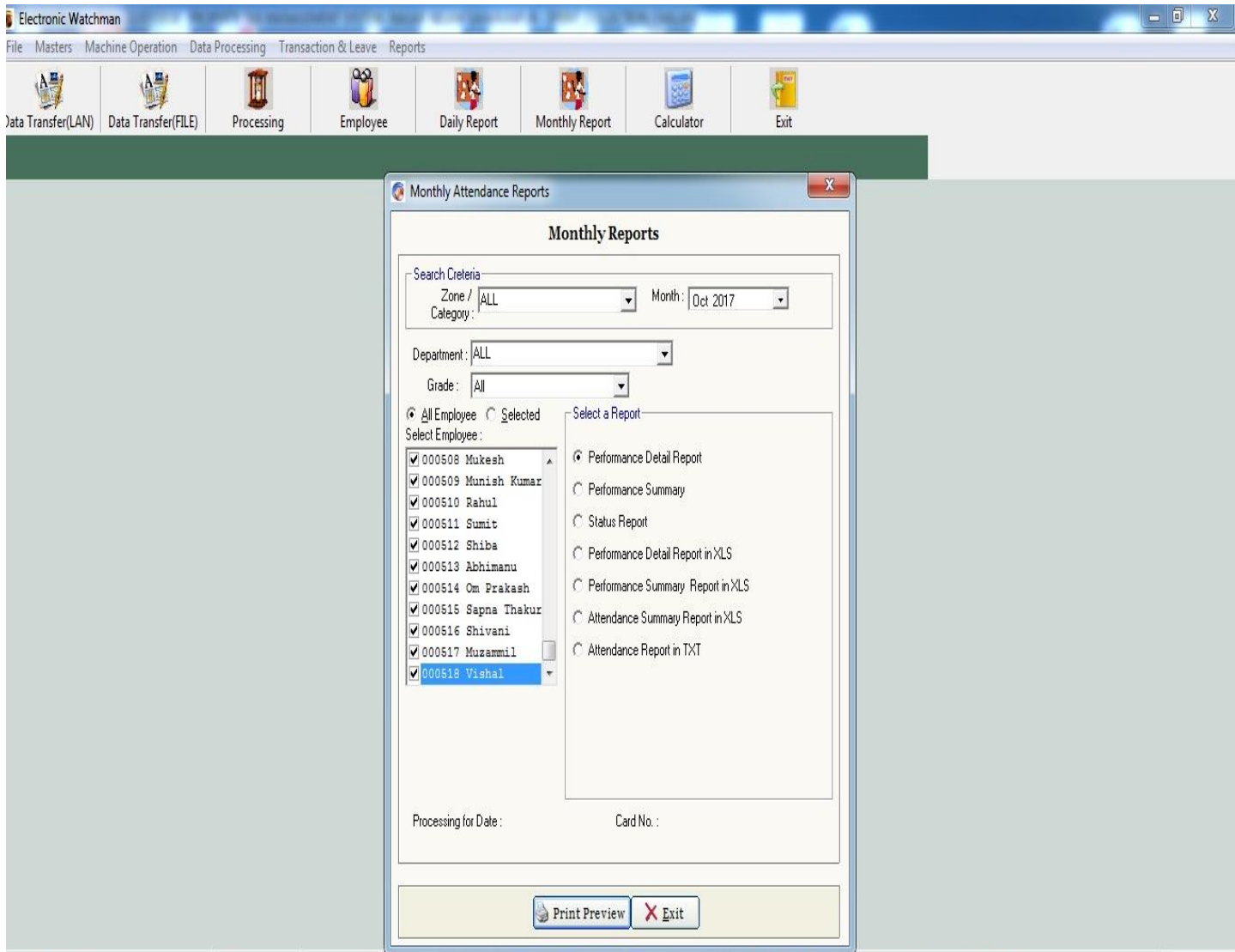
मुख्य पृष्ठ | हमारे बारे में | ई- समाचार पत्र | शासनादेश | लाउनलोड | संपर्क

Disclaimer-Content on this website is published and managed by Saharanpur Nagar Nigam.  
Developed Copyright ©2017 Saharanpur Nagar Nigam. All rights reserved.

## Annexure 4.4 Administrative Efficiency: AADHAR Based Attendance System Snapshot



## Annexure 4.4 Administrative Efficiency: ICT based Attendance Management System Snapshot



The screenshot displays the 'Electronic Watchman' software interface. The main window has a menu bar with 'File', 'Masters', 'Machine Operation', 'Data Processing', 'Transaction & Leave', and 'Reports'. Below the menu bar is a toolbar with icons for 'Data Transfer(LAN)', 'Data Transfer(FILE)', 'Processing', 'Employee', 'Daily Report', 'Monthly Report', 'Calculator', and 'Exit'. A 'Monthly Attendance Reports' dialog box is open, titled 'Monthly Reports'. It contains the following fields and options:

- Search Criteria:**
  - Zone / Category: ALL
  - Month: Oct 2017
- Department:** ALL
- Grade:** All
- Select Employee:** A list of employees with checkboxes, including Mukesh, Munish Kumar, Rahul, Sumit, Shiba, Abhimanu, Om Prakash, Sapna Thakur, Shivani, Muzammil, and Vishal. The 'All Employee' radio button is selected.
- Select a Report:** Radio buttons for:
  - Performance Detail Report (selected)
  - Performance Summary
  - Status Report
  - Performance Detail Report in XLS
  - Performance Summary Report in XLS
  - Attendance Summary Report in XLS
  - Attendance Report in TXT
- Processing for Date:** (empty)
- Card No.:** (empty)

At the bottom of the dialog box are two buttons: 'Print Preview' and 'Exit'.

## Annexure 4.4 Administrative Efficiency: Snapshot of E-Nagar Sewa



SiteMap | FAQs | Email Us | 26/10/2017 10:53:02 Thursday A+ A- YouTube G Select Language

# Urban Local Bodies

नगरीय स्थानीय निकाय

National Mission Atal Mission for Rejuvenation and Urban Transformation (Amrut)

Home How To ULB Details ULB-Contacts Download Contact Us

### Citizen Locker

Login to Avail Citizen Services!

[Proceed to Login](#)

This will take you to the new improved Citizen Dashboard Login

### Services For Citizen

- ▶ Birth Certificate
- ▶ Death Certificate
- ▶ Property Tax & Bill
- ▶ Online Mutation
- ▶ Online Assessment
- ▶ Online Water Connection
- ▶ Online Licences
- ▶ Public Grievance
- ▶ Hall Booking
- ▶ e-Procurement

### Citizen

[Register here](#) to avail the services

Need help? Call **0522-2288992**

Have Complaints? [Register your complaint](#)

Citizens can download legal digitally signed Birth & Death Certificates *free of cost* from [Here](#).

### New Features

- New\*PIS Employee ID card Print Service Opened for all Employees. [See Now.](#)
- New\*Citizen Service Gallery Added in citizen profile.
- New\*RTI Citizen Status Service Added. [See Now.](#)
- New\*New GOs added in the GO section. [See Now.](#)
- New\*Logins separated according to services [Learn More.](#)

### Important Government Orders

More available [here](#)

- [PDF](#) Regarding Uploading of Officers Details
- [PDF](#) Regarding Running all Modules
- [PDF](#) Birth Registration Input Format
- [PDF](#) Death Registration Input Format

### JOOMLA! BASED 635 ULB WEBSITES

[Click Here](#)

### FOR CITIZEN CENTRIC SERVICES

[Click Here](#)

\*Property Tax, Birth & Death Registration, Licenses

### FOR INTERNAL NAGAR NIGAM SERVICES

[Click Here](#)

\*PIS, Project Works, Stores Management, Workflow (FTS), MPR, eTenders, RTI

### FOR INTERNAL ADMIN SERVICES

[Click Here](#)

### Our Mission

Uttar Pradesh is the most populated state of the country comprising of 75 Districts with 18 Divisional Headquarters, and an urban populations of 4.44 crores. It has 653 Urban Local Bodies.

- 16 Municipal Corporations commonly referred to as Nagar Nigams
- 199 Municipal Councils commonly known as Nagar Palika Parishads



## Annexure 4.4 Administrative Efficiency: Snapshot of E-Tendering Services

<https://etender.up.nic.in/nicgp/app?component=%24DirectLink&page=FrontEndTendersByOrganisation&service=direct&session=T&sp=SOOAIHfjN5oDdLxWhC>



**Tenders Uttar Pradesh**  
The Uttar Pradesh Govt. Tenders Information System

26-Oct-2017    Search | Active Tenders | Tenders by Closing Date | Corrigendum | Results of Tenders    Home | Contact Us | SiteMap

eProcurement System Government of Utt

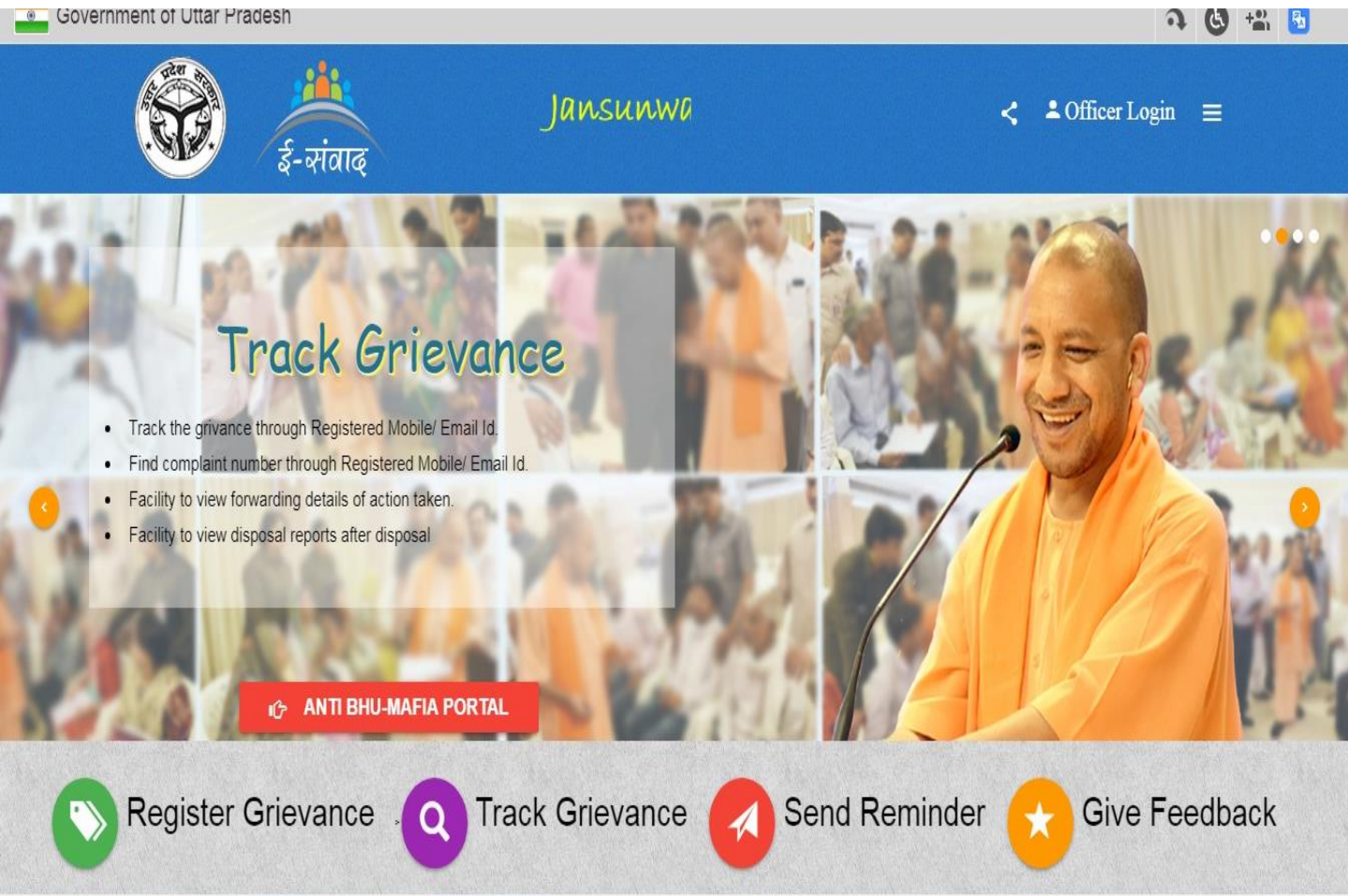
- MIS Reports
- Tenders by Location
- Tenders by Organisation**
- Tenders by Classification
- Tenders in Archive
- Tenders Status
- Cancelled/Retendered
- Downloads
- Announcements
- Recognitions
- Site compatibility

### Tenders By Organisation

Back

S.No	e-Published Date	Closing Date	Opening Date	Title and Ref.No./Tender ID	Organisation Chain
1	26-Oct-2017 09:55 AM	31-Oct-2017 03:00 PM	01-Nov-2017 11:00 AM	[Construction of Road by Interlocking Tiles from house of Kasyap to house of Rajveer Singh in Pant Vihar Phase 3 C Block] [2677 B] [2017_NNSAH_110082_1]	Saharanpur Municipal Corporation Saharanpur UP
2	26-Oct-2017 09:55 AM	31-Oct-2017 03:00 PM	01-Nov-2017 11:00 AM	[Construction of Earth Filling and BOE from house of Sanju to house of Sukhraj Singh in New Nand vatika] [2676 B] [2017_NNSAH_110078_1]	Saharanpur Municipal Corporation Saharanpur UP
3	26-Oct-2017 09:00 AM	31-Oct-2017 03:00 PM	01-Nov-2017 11:00 AM	[Construction of BOE from house of Ashok to house of Babu Ram in Village Manoharpur ] [2674 B] [2017_NNSAH_110062_1]	Saharanpur Municipal Corporation Saharanpur UP
4	26-Oct-2017 09:00 AM	31-Oct-2017 03:00 PM	01-Nov-2017 11:00 AM	[Construction of Road by Interlocking Tiles from Mahipal Phool Singh and Fateh Singh to Bhagat Singh in Manoharpur ] [2675 B] [2017_NNSAH_110070_1]	Saharanpur Municipal Corporation Saharanpur UP
5	26-Oct-2017 09:00 AM	31-Oct-2017 03:00 PM	01-Nov-2017 11:00 AM	[Construction of Road by Interlocking Tiles from Oajpura to Transformar in Siddharth Nagar ] [2679 B] [2017_NNSAH_110103_1]	Saharanpur Municipal Corporation Saharanpur UP
6	26-Oct-2017 09:00 AM	31-Oct-2017 03:00 PM	01-Nov-2017 05:00 PM	[Construction of two side Ramp in Mahadev Colony ] [2680 B]	Saharanpur Municipal Corporation Saharanpur

## Annexure 4.4 Administrative Efficiency: Snapshot of IGRS Complaint Registration Service



Government of Uttar Pradesh

जानसुनवा

ई-संवाद

Officer Login

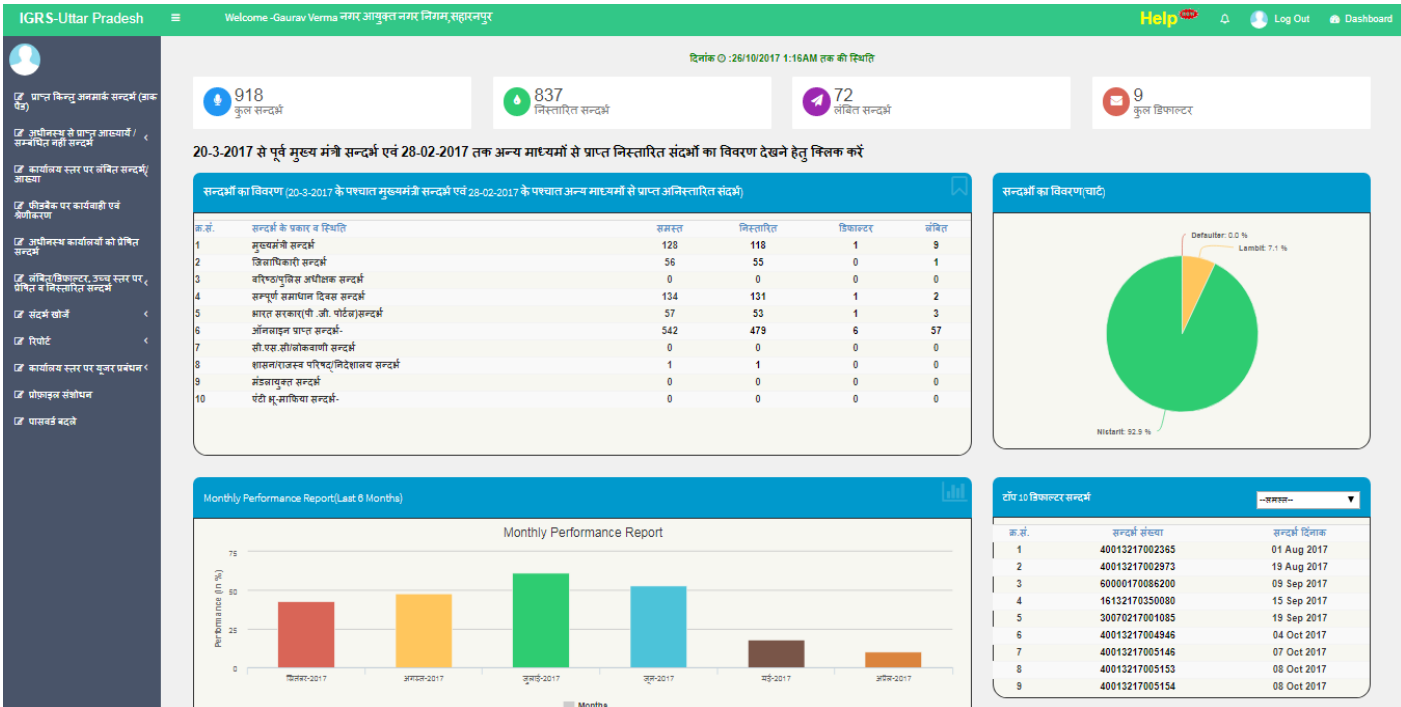
### Track Grievance

- Track the grievance through Registered Mobile/ Email Id.
- Find complaint number through Registered Mobile/ Email Id.
- Facility to view forwarding details of action taken.
- Facility to view disposal reports after disposal

ANTI BHU-MAFIA PORTAL

Register Grievance   Track Grievance   Send Reminder   Give Feedback

## Annexure 4.4 Administrative Efficiency: Snapshot of IGRS Complaint Registration Service



## Annexure 4.4 Administrative Efficiency: Swachh Survekshan Snapshot & Details

**SWACHH SURVEKSHAN 2018**

From 4<sup>th</sup> January 2018



Download Swachhata app & rate Saharanpur city for cleanliness.....



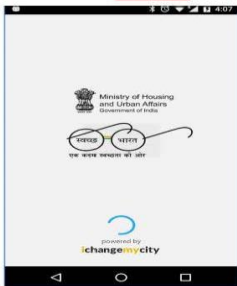
Swachhata-MoHUA

Janaagraha Productivity



This app is compatible with all of your devices.

**Step-1**



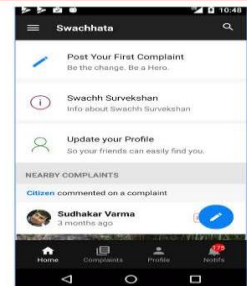
**Step-2**



**Step-3**



**Step-4 (After OTP Verification)**



The Swachhata-MoHUA is the official app of Ministry of Housing and Urban Affairs (MoHUA), GOI.

The app enables a citizen to post a civic-related issue (eg; a garbage dump) which is then forwarded to the concerned Municipal Corporation.

### How does it work?

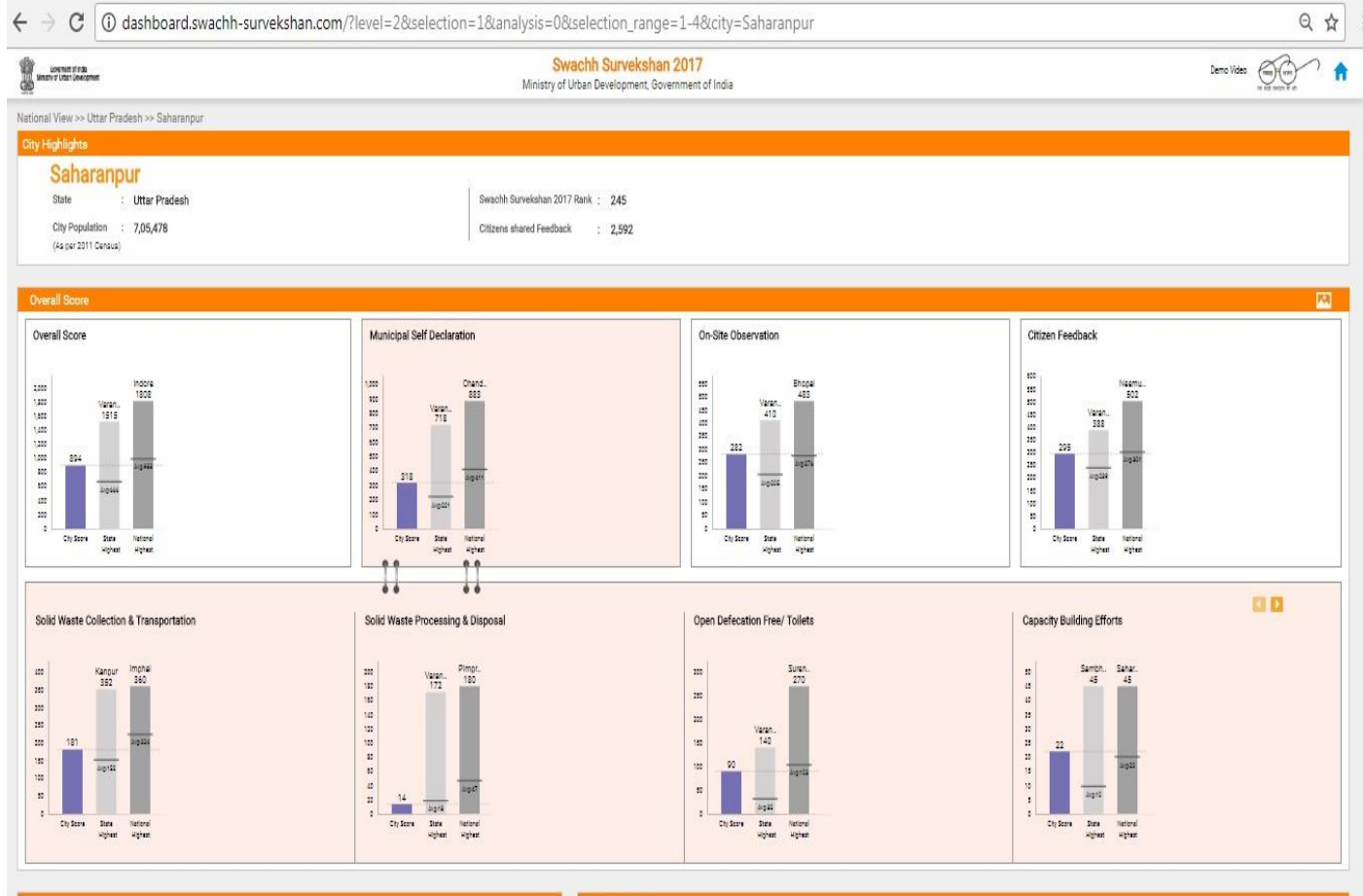
Take a picture of the Civic-related issue using your smart phone, and post it in one of the following categories.

- Garbage dump
- Garbage vehicle not arrived
- Dustbins not cleaned
- Sweeping not done
- Dead animals
- Public toilet(s) cleaning
- Public toilet(s) blockage
- No water supply in public toilet(s)
- No electricity in public toilet(s)

The app will capture the location while the picture is being taken. Just type in the landmark of the complaint location.


You can also vote up on any other complaint relevant to you. You will get regular updates on status of the complaint in the form of a push notification with the 'Resolved' image. You can also reopen the complaint if you are not satisfied with the resolution of the complaint.

## Annexure 4.4 Administrative Efficiency: Swachh Survekshan Snapshot & Details



## Annexure 4.4 Administrative Efficiency: Online Tax Payment Facility

**SAHARANPUR NAGAR NIGAM -Property Tax Online Payment**



Search your Property using any of the following options-

1. Enter your 'Property ID' (Printed on Bill) and Press 'Search By Property ID' button
2. Select your 'Locality', 'Enter Property Owner Name' and Press 'Search By Owner' button
3. Select your Locality, 'Enter House No' and Press 'Search By Owner' button

Property Id :  Search By Property ID

OR


Locality Name :  ▼

Owner Name :  Search By Owner

OR

House No :  Search By HouseNo

[Home](#)   [Pay Online Tax](#)   [Privacy Policy](#)   [Refund Policy](#)   [Return Policy](#)   [T & C](#)   [About Us](#)   [Contact Us](#)



## Annexure 4.4 Administrative Efficiency: Saharanpur Development Authority Website & Services Details

आवश्यक सूचना :प्राधिकरण में ठेकेदारों के पंजीकरण/नवीनीकरण [www.sd](http://www.sd)



Home About SDA Tenders Online Map Approval  Notices Contact Us



Guideline : Online Map Approval

[SDA ONLINE MAP LINK](#) | [DOWNLOADS](#) | [FAQS](#) | [SANCTION MAP](#)

**एजेन्डा नोट**

मॉडरेट संख्या : 47/5

विषय: प्राधिकरण द्वारा आवेदन पत्रों के अंतर्गत अर्जित भूखण्डों का नवीनीकरण, नवीनीकरण शुल्क, विधिवत शुल्क, अर्जित शुल्क का प्रत्येक आवेदनकर्ता को नवीनीकरण शुल्क नवीनीकरण शुल्क के अंतर्गत देना।

प्राधिकरण द्वारा अर्जित भूखण्डों का नवीनीकरण शुल्क, नवीनीकरण शुल्क, विधिवत शुल्क, अर्जित शुल्क का प्रत्येक आवेदनकर्ता को नवीनीकरण शुल्क नवीनीकरण शुल्क के अंतर्गत देना।

क्र.सं.	विवरण	प्रति एक एकड़ (रुपये)	प्रति एक एकड़ (रुपये)
1.	नवीनीकरण शुल्क	20000	20000
2.	नवीनीकरण शुल्क	8000	8000

भारत में प्रचलित नगर-नगर विद्युत् आपूर्ति के साथ संलग्न किये जाने वाले नगरपालिका के नियम

क्र.सं.	विवरण	प्रति एक एकड़ (रुपये)
1.	नवीनीकरण शुल्क	20000
2.	नवीनीकरण शुल्क	8000

सहारनपुर नगर विकास प्राधिकरण

आवेदन पत्र के अंतर्गत अर्जित भूखण्डों का नवीनीकरण शुल्क, नवीनीकरण शुल्क, विधिवत शुल्क, अर्जित शुल्क का प्रत्येक आवेदनकर्ता को नवीनीकरण शुल्क नवीनीकरण शुल्क के अंतर्गत देना।

आवेदनकर्ता को नवीनीकरण शुल्क, नवीनीकरण शुल्क, विधिवत शुल्क, अर्जित शुल्क का प्रत्येक आवेदनकर्ता को नवीनीकरण शुल्क नवीनीकरण शुल्क के अंतर्गत देना।



## Annexure 4.4 SWOT Analysis: Details of Handicraft Export from Saharanpur



### EXPORT PROMOTION COUNCIL FOR HANDICRAFTS

'EPCH HOUSE" POCKET 6 & 7, SECTOR - C, L.S.C., VASANT KUNJ, NEW DELHI-110 070  
 Tel.: +91-11-26135256 / 57 / 58  
 Fax: +91-11-26135518 / 19  
 E-mail: mails@epch.com  
 Web : www.epch.in

Date : June 10, 2016

YEAR	EXPORTS OF HANDICRAFTS FROM INDIA		EXPORTS OF HANDICRAFTS FORM UP		EXPORTS OF HANDICRAFTS FORM SAHARANPUR	
	Rs. In crores	Usd Millions	Rs. In crores	Usd Millions	Rs. In crores	Usd Millions
2013-14	17265.31	2853.68	7681.34	1269.60	662.90	109.57
2014-15	18639.14	3048.42	8294.40	1356.54	715.82	117.07
2015-16	21257.33	3246.96	9459.50	1444.90	815.00	124.49

Provisional Data

*Sushil Kumar Agarwal*  
 ( Sushil Kumar Agarwal )  
 Export Promotion Officer  
 dt. 15-6-16





SAHARANPUR- The Liveable Smart City

# Annexure 4.5- MOUs with different stakeholders



**Annexure 4.5 - Memorandum of Understanding between SMC & Saharanpur Woodcarving, Manufacturing and Trading Association**



उत्तर प्रदेश UTTAR PRADESH

MEMORANDUM OF UNDERSTANDING

14AD 479715

This Memorandum of Understanding (MoU) is entered on this 15<sup>th</sup> day of March, 2017 at Saharanpur for the purpose of establishing, running and maintaining Wood-craft Sale Promotion, Design Development, and innovation Incubation Centre at Saharanpur hereinafter referred as complex under the Smart City Mission,

BETWEEN

The Saharanpur Municipal Corporation, Saharanpur through Municipal Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party).

AND

Saharanpur Woodcarving Manufacturing and Trading Association Registered under the Society registration Act, 1860 having its registered office at Main Road, KhataKheri, c/o Nazir Handicraft, Saharanpur through its Secretary, Haider Siddiqui duly authorised to enter into this MoU (hereinafter referred to as the Second Party)

*[Handwritten signature]*

*[Handwritten signature]*

## Annexure 4.5- Memorandum of Understanding between SMC & Wood Carving, Manufacturing and Trading Association

WHEREAS:

NOW AND THEREFORE, the parties agree as follows:

1. The Second Party wishes to have a state of the art Complex established by the First Party for the below mentioned opportunities referred to as the Project to invest in as per the details given hereinafter:

Project	Location	Tentative Project Cost (Rs. in Cr.)	Employment Generation + Skill Development	Project Period
Wood-craft Sale Promotion, Design Development, and innovation Incubation Complex	Mandi Samah and Raiwala Dwarah	10 crore	2,500	2017-2019

2. This Memorandum of Understanding is made to facilitate efforts of the First Party towards establishment of the aforesaid Project in a time bound manner, to be run and maintained by the second party after its completion for the purpose for which the project is agreed to be established.
3. The First Party will make the land available for the project, raise the funds, get concept plans evolved and finalized in consultation with the Second party for this state of the art complex and get constructed within the project period,
4. The First Party would also facilitate and obtain necessary permissions/approvals/clearances/registrations etc. concerning this Complex from the concerned Departments of the State Government and the Second party will associate itself with the first party wherever required for meticulous implementation of the project.
5. The Second Party shall make efforts for encouraging the local start-ups entrepreneurs, during construction period, for creating more job opportunities and making substantial contribution to the city economy so that the complex could become a light house for other old areas of the city and will keep on updating the First Party on the progress made in this direction.

1

12/1/18


**Annexure 4.5- Memorandum of Understanding between SMC & Wood Carving, Manufacturing and Trading Association**

6. Since this project is being taken up to strengthen and modernize the woodcraft in the city for creating a work environment, scaling up the employment and city economy, the second party shall commit to itself for seeking allotment of the built-spaces at a cost fixed by the First Party, on such terms and conditions as mutually agreed.
7. The Complex will be developed on the green building concept meeting its energy requirement from the solar system, roof top rain water harvesting for ground water recharge, landscaping, and adequate provision for parking, loading and unloading spaces so that it could become a tourist attraction centre as well.
8. The Second Party shall ensure dedicated internet service for forward and backward linkages, e-business as part of e-governance and making arrangements for trainings including skill development as a part of the skill development program.

Both the parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil the objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed

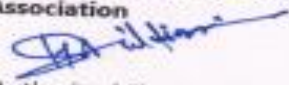
For and on behalf of **Saharanpur Municipal Corporation**

  
(Authorized Signatory)  
Name: Mr. O.P. Verma  
Designation: Municipal Commissioner

Saharanpur Municipal Corporation  
Contact No.: 8477008001

E mail:  
nagarnigamsaharanpur@gmail.com

For and on behalf of  
**The Saharanpur Woodcarving  
Manufacturing and Trading  
Association**

  
(Authorized Signatory)  
Name: Mr. Haider Rauf Siddiqui  
Designation: Secretary, Saharanpur  
Woodcarving Manufacturing and  
Trading Association  
Contact No.: 919219187022  
Email: carftsindia786@gmail.com  
Contact address: Wood Craft  
Design & Development Society  
(Regd.), Delhi road, Near D.I.C.  
Office, Saharanpur

**Annexure 4.5- Memorandum of Understanding between SMC & Crazy Greens**



उत्तर प्रदेश UTTAR PRADESH MEMORANDUM OF UNDERSTANDING 14AD 479714

This Memorandum of Understanding (MoU) is entered on this 15<sup>th</sup> day of March, 2017 at Saharanpur for the purpose of Preserving Environment through Plantation, Providing Education and Medical Facilities to the citizens of Saharanpur under the Smart City Mission,

BETWEEN

The Saharanpur Municipal Corporation, Saharanpur through Municipal Commissioner duly authorized to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party).

AND

The Crazy Greens, Bhagwati Colony, Behat Road, Saharanpur through its Director, Mr. Ajay Singhal, duly authorized to enter into this MoU (hereinafter referred to as the Second Party).

## Annexure 4.5- Memorandum of Understanding between SMC & Crazy Greens

Whereas the first party, the nodal agency for Smart City Proposals has agreed for making arrangements for various level co-operation for successful execution and implementation of the project/policies.

Whereas the Second Party, is willing to provide educational facilities, environment preservation through plantation at parks and societies, and medical facilities with doctor consultation @ Rs. 10 (including medicines) for the poor and weaker sections with an annual outlay of Rs. 10 Lakhs along with Operation and Maintenance Cost.

Both the parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed

For and on behalf of Saharanpur  
Municipal Corporation

(Authorized Signatory)  
Name: **O.P. Verma**  
Designation: Municipal Commissioner  
Saharanpur Municipal Corporation

Contact No.: 8477008001  
E mail:  
[nagamigamsaharanpur@gmail.com](mailto:nagamigamsaharanpur@gmail.com)

For and on behalf of Crazy Greens,

(Authorized Signatory)  
Name: **Mr. Ajay Singhal**  
Designation: Director, Crazy Greens  
Contact No.: 9634200601

Email: [ajay.mitr16@gmail.com](mailto:ajay.mitr16@gmail.com)  
Contact address: Bhagwati Colony,  
Behat Road, Saharanpur

**Annexure 4.5- Memorandum of Understanding between SMC & Wood Craft Design & Development Society**



उत्तर प्रदेश UTTAR PRADESH

14AD 479712

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MoU) is entered on this 15<sup>th</sup> day of March, 2017 at Saharanpur for the purpose of providing Skill Development and Orientation Facility for making available the trained Human Resource to the Furniture Making Activities in Saharanpur, to strengthen the Furniture Market and to enhance employability of youth for the citizens of Saharanpur under the Smart City Mission.

**BETWEEN**

The Saharanpur Municipal Corporation, Saharanpur through Municipal Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party).

**AND**

The Wood Craft Design & Development Society (Regd.), Delhi Road, Near D.I.C Office, Saharanpur through its General Secretary, Mr. Ajay Sharma, duly authorized to enter into this MoU (hereinafter referred to as the Second Party).

## Annexure 4.5 -Memorandum of Understanding between SMC & Wood Craft Design & Development Society

Whereas the first party, the nodal agency for Smart City Proposals has agreed for making arrangements for providing Solar energy solutions in the Smart City Mission which has approached the second party to provide its expertise in implementation of Solar Mission at the city level.

Whereas the Second Party, is willing to provide Solar energy solutions for the citizens of Saharanpur under the central government scheme of Dr. APJ Abdul Kalam Urban Solar Light Scheme. The second party already has been allotted with rupees fifteencrores for providing solar energy solutions in the city.

Both the parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed

For and on behalf of **Saharanpur  
Municipal Corporation**

(Authorized Signatory)

Name: **Mr. O.P. Verma**

Designation: Municipal Commissioner  
Saharanpur Municipal Corporation

Contact No.: 8477008001

E mail:

nagamigamsaharanpur@gmail.com

For and on behalf of **Wood Craft  
Design & Development Society**

(Authorized Signatory)

Name: **Mr. Ajay Sharma**

Designation: General Secretary,  
Wood Craft Design &  
Development Society (Regd.)

Contact No.: 9219666355

Email: [ajaysharma777@gmail.com](mailto:ajaysharma777@gmail.com)

Contact address: Wood Craft  
Design & Development Society  
(Regd.), Delhi road, Near D.I.C.  
Office, Saharanpur



**Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)**



**ए० के० गुप्ता**  
अपर निदेशक  
**A.K. GUPTA**  
Additional Director



URC/1206/24/2015-16  
19/1/16

**rcues**  
Lucknow

क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र  
(शहरी विकास मंत्रालय भारत सरकार)  
Regional Centre for Urban & Environmental Studies, Lucknow  
Ministry of Urban Development, Government of India

To,

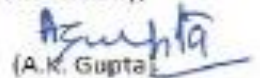
Dr. Hemant Darbari,  
Executive Director,  
Centre For Development of  
Advanced Computing (CDAC)  
Pune University Campus, Ganeshkhind,  
Pune, Pin-411007, India  
Tel: +91-2025704100, Fax:+91-2025694004

Subject: MOU between CDAC Pune and Regional Centre for Urban & Environment Studies, Lucknow

Dear Sir,

With the reference of above subject regarding MOU with your organization, please find enclosed herewith One signed original set of approved Memorandum of Understanding between CDAC Pune and Regional Centre for Urban & Environment Studies, Lucknow. After notary the MOU, kindly send us one copy of MOU for our record.

Your Sincerely,

  
(A.K. Gupta)

# SAHARANPUR- The Liveable Smart City

## Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)



महाराष्ट्र MAHARASHTRA

© 2015 ©

W 446494

महाराष्ट्र राज्य सरकार  
दस्तावेज क्रमांक ७  
मुद्रांक दिनांक १८/१२/२०१५  
मुद्रांक मूल्य ३२४०९  
मुद्रांक विवरण १८/१२/२०१५

MPJ  
सी डी सी - पुणे विद्यापीठ कॅम्पस, पुणे  
निधीत मुल्य ३२४०९  
१८/१२/२०१५



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (CDAC)  
AND  
REGIONAL CENTRE FOR URBAN AND ENVIRONMENTAL STUDIES  
(ESTD. BY MINISTRY OF URBAN DEVELOPMENT, GOVERNMENT OF INDIA),  
LUCKNOW

This 'non-binding' Memorandum of Understanding (MOU) is made in Pune, India on 4<sup>th</sup> of January, 2016 by and between the undersigned:

*[Signature]*

*[Signature]*



## Annexure 4.5 - Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)



Centre for Development of Advanced Computing, having its headquarter at Pune University Campus, Ganeshkhind, Pune – 411007, India (hereinafter referred as 'C-DAC', which expression will include its successors and permitted assigns, unless repugnant to the context or meaning), acting through its Director (Admin & Legal) and Head (Admin) **Mr. R.Y. Deshpande**, of the first part

And

**Regional Centre For Urban And Environmental Studies** (Estd. by Ministry of Urban Development, Government of India and nominated as a Resource Centre by Government of Uttar Pradesh, vide G. O. No. 4466(1)/जी-5-15-227सा/2015 dated July 30, 2015), Lucknow, (hereinafter referred to as 'RCUES' which expression will include its successors and permitted assigns, unless repugnant to the context or meaning) acting through its Additional Director, **Mr. A. K. Gupta** of the second part

C-DAC and RCUES are hereinafter individually referred to as 'Party' and collectively as 'Parties', as the context may require.

Whereas,

1. The Government of India has envisaged 'Smart Cities Mission' considering the need for an all-round, socio-economic development of the country. The initiative intends to develop 100 cities and towns in the country as smart cities and is expected to generate a large number of opportunities for the industry in terms of deploying state of the art technologies, provision of value added and sustainable services, and, investment opportunities.
2. C-DAC was set up by then Department of Electronics (now renamed as Department of Electronics and Information Technology (DeitY), Govt. of India) to emerge as a premier R&D institution for the design, development and deployment of electronic and ICT technologies and applications for socio-economic advancement with the mission of expanding the frontiers of Information and Communication Technologies, evolving technology solutions, architectures, systems and standards for nationally important problems, achieving rapid and effective spread of knowledge by overcoming language barriers through application of technologies, sharing experience and know-how to help build advanced competence in the field of Information Technology, bringing benefits of Information Technology to society in the form of Smart Cities.

## Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)



O. No. 4466(1)/नॉ-5-15-22789/2015 dated July 30, 2015 for carrying out different activities in selected cities under Smart City Mission.

C-DAC has constituted a committee on Smart Cities to undertake the following:

(i) *Departmental Diagnosis*: AS-IS Analysis of the existing departments to explore the gap and to assist selected Municipal Bodies in their development as a 'Smart Cities'.

(ii) *Restorative Recommendations*: Based on the departmental diagnosis, put forward ICT based smart solutions intended to make the department self-sustained with qualitative empowerment. Identification of pilot / showcase / developmental projects to enable the creation of the necessary infrastructure including any upgradation and renovation of existing facilities so as to provide smart city capabilities and services to the residents of the selected cities.

(iii) *Project Advisory and Implementation*: To advise on main aspects of implementation of identified projects (hereinafter collectively referred to as 'Scope of Services') and assist in the subsequent implementation to realise the 'Smart City' initiative of the Government of India.

5. RCUES has identified many urban challenges faced by cities in UP. Some of them are:

- Management of daily generated Municipal Solid Waste
- Poor Management for natural and man-made disasters
- Health related facilities and awareness amongst citizen
- Improvement of traffic management in the cities
- Need of adequate public transport to cater to the growing populations of the cities
- Development of road infrastructure to meet ideal road density as per norms
- Improvement in management of distribution of water supply, especially in the fringe areas of the cities
- Management of land & assets for infrastructure development to cater to financial requirements for improving infrastructure

After interactions at various levels, parties intend to work together in the areas of common interest and NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties agree as follows:

### 1. Purpose:

The Parties are entering into this 'Non-binding' MOU to record the terms and conditions on which C-DAC will provide the Scope of Services to the selected Municipal Bodies for their development as a "Smart Cities".



## Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)



### Responsibilities:

#### CDAC's Responsibilities

CDAC hereby agrees that it will undertake, either itself or through one or more of the committee members, reasonable endeavours to advise on /provide the Scope of Services in accordance with and to the extent requested by identified Municipal Bodies through RCUES with the objective of developing the cities as a 'Smart City', which will also include the following:

- i. C-DAC will advise Municipal Bodies through RCUES on development of vision, goals & strategies for the cities as a Smart City and thereafter support implementation of the same in cities through agreed upon Terms and Conditions by both the parties, as and when required.
- ii. C-DAC, through its appointed Nodal Officer, will work in collaboration with Municipal Bodies in sectors illustrated in para. 5 above and in areas like:
  - a) Creation of Information Technology based Application proposals for various sectors & creation of innovative sources of sustenance for the Municipal Bodies
  - b) Technological & knowledge based matters
  - c) Project based support in areas such as:
    1. Transport
    2. Solid Waste Management
    3. Water Supply
    4. Health
    5. Tourism
    6. Climate and earth sciences
    7. Housing
    8. Sewerage
    9. Education
    10. e-Governance
    11. Storm Water Drainage
    12. Disaster Management
    13. Social Welfare
    14. Culture & Heritage
    15. Citizen Participation
    16. Big Data Analytics
    17. Computational Infrastructure through PARAM Supercomputers
    18. Miscellaneous (as mutually agreed)



## Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)



- d) Capacity building to plan, design and execute projects efficiently
- e) Workshop to identify the challenges and solutions

Propose to implement its best technological solutions in particular in disaster management, citizen health planning, water and sanitation, sustainable mobility and other digital technologies

- iv. C-DAC, in association with Municipal Bodies through RCUES, will provide technology support to the Smart City projects through its various R&D Departments.
- v. C-DAC will assist Municipal Bodies through RCUES required consultation and advisory inputs for executing projects, relevant to the development of cities, under the Smart Cities initiative to achieve the goal of making cities smart.
- vi. Build Capacity and Capability in Smart Cities amongst Municipal Bodies Officials. Roll out Smart City training workshops at the Municipal level.

### 2.2 RCUES s' Responsibilities

RCUES shall ensure that RCUES and Municipal Bodies:

- i. will appoint a nodal officer who will be the contact point for the interaction with the Municipal Bodies and will also be responsible for the smart city initiative.
- ii. will allow C-DAC to conduct smart city workshops / Conferences / Conclaves as and when required to promote cities as an investment destination.
- iii. will work jointly with C-DAC to drive the smart city initiatives for cities through nodal officer and the consultants appointed by the Municipal Bodies / RCUES.
- iv. shall provide all required / requested complete, correct, and accurate inputs / information / charts / figures / diagrams / reports etc. enabling C-DAC to fulfil its responsibilities under this MoU.
- v. shall accord and communicate all required / requested approvals / acceptances / sanctions in a time-bound manner.
- vi. shall acknowledge C-DAC's contribution in media / publicity material.

2.3 RCUES agrees and accept that C-DAC and RCUES shall work together / collaborate for all smart city projects in UP state, under this MoU, in addition to following cities which have been selected at present for smart city project:

- o Agra
- o Aligarh
- o Allahabad
- o Bareilly
- o Ghaziabad
- o Jhansi
- o Kanpur
- o Lucknow

*Signature*

*Signature*



## Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)



- o Meerutabad
- o Rampur
- o Saharanpur
- o Varanasi

### 3.3 Terms for Termination

This MoU will be valid for 3 years unless terminated as provide herein.

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that other party's performance, or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. In other cases, parties may terminate this MoU with or without assigning any reason by giving 30day's written notice by Regd / Speed Post AD to other party. In the vent of termination / expiry of this MoU, parties shall return the material/documents of other party.

This MoU will automatically expire on completion of 3 years. The MoU can be renewed on mutually agreed terms and conditions duly signed by authorized signatories of the parties.

### 4. Other Terms:

#### 4.1 Sharing of Information

As may be appropriate from time to time, each Party may share information with the other on a regular basis regarding the arrangement under this MoU. Both the parties will be solely and entirely responsible for any third party information or materials, that they will share with each other, with regards to its requisite rights, authorizations or agreements, in place, enabling accessibility and usage of such information. C-DAC shall be exclusive owner of any reports / charts / inputs / advice / SW / HW / material etc. created / generated / designed / developed / given by it to RCUES.

#### 4.2 Confidentiality

The Parties agree and acknowledge that sensitive information and confidential data will be exchanged between the Parties pursuant to this MoU. Such data will be marked confidential ("Confidential Information"). Each Party agrees that it will maintain confidentiality of the Confidential Information disclosed to it by the other Party under this MoU and will ensure that this clause is strictly adhered to by its officers, employees, agents, consultants and representatives. In case of expiry or termination of this MoU, each party will promptly return all confidential information, to the disclosing Party upon request after expiry / termination of this MoU.

In the event of any party required to disclose the confidential information in pursuance of any court / govt / judicial / quasi-judicial authority, the other party shall give notice of at least 10 days to enable it to seek appropriate remedy / relief against such order.

*[Handwritten Signature]*

*[Handwritten Signature]*



## Annexure 4.5 - Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)

### 4.3 Expense and No Liability

Unless otherwise specifically agreed to in writing by the Parties for implementing the scope of Services, for any future activity, the financial Terms and Conditions will be decided on case to case basis, as and when required.

Municipal Bodies acknowledge and agree that C-DAC and RCUES will endeavour to do above mentioned activities / responsibilities subject to availability of financial, manpower and other resources for the purpose of this MoU.

Municipal Bodies further acknowledge and agree that C-DAC and RCUES shall not be responsible and liable to Municipal Bodies / its officials / employees / consultants / contractors etc. or any citizen / user / other person for any direct / indirect / consequential damages / loss (monetary or otherwise including but not limited to loss of profits / reputation / money / opportunity / data / goodwill etc.) arising out of or incidental to this MoU.

### 4.4 Counterparts

The Memorandum of Understanding (MOU) may be signed in one original and the party retaining original shall give notarized and certified true copies to other party/ies. Both copies together will constitute valid MoU. The Memorandum of Understanding may be signed, executed and transmitted by facsimile transmission and will be as valid and effectual as if executed as an original.

### 4.5 Entire Agreement

This MoU contains the entire understanding between the Parties hereto and supersedes all prior arrangements, understandings and agreements, written or oral, on the subject hereof. Any part of this MoU which is not enforceable due to any reason whatsoever will be deemed to be inoperative and the rest of the MoU will continue to be valid and binding on the Parties hereto. This MoU may be amended in writing only when duly signed by parties.

### 4.6 Representation

Each Party hereby represents to the other that it has all necessary power and authority to execute and deliver this MoU.

### 4.7 Co-operation

C-DAC and RCUES acknowledge that they have entered into the Memorandum of Understanding (MoU) in good faith and will cooperate in good faith to achieve the objectives set herein. In case of any differences / disputes, parties shall resolve by discussion / negotiations between them. Unresolved differences / disputes shall be





**Annexure 4.5 -Memorandum of Understanding between RCUES & Center for Development of Advance Computing (CDAC)**

referred to respective heads who or their nominees shall attempt to arrive at mutually agreed solution. Such discussions will take place at Pune/Lucknow.

In witness whereof, the undersigned Parties have executed this MoU as of the date indicated

On Behalf of

Centre For Development of Advanced Computing (C-DAC)

By: *R.Y. Deshpande*

Name: R.Y. Deshpande

Title: Director (Admin & Legal) and Head (Admin), C-DAC, Pune

Date: 04/01/2016

On Behalf of

Regional Centre for Urban & Environmental Studies (RCUES) Lucknow

By: *Mr. A.K. Gupta*

Name: Mr. A.K. Gupta

Title: ADD. DIRECTOR RCUES, LUCKNOW

Date: : 04/01/2016



BEFORE ME  
*T.W. Bansode*  
T.W. BANSODE  
NOTARY GOVT. OF INDIA  
DIST PUNE  
3 FEB 2016



T.W. BANSODE  
NOTARY GOVT. OF INDIA  
DIST PUNE

**Annexure 4.5 -Support Letter For Smart City Project by Samarpan Welfare Society**

# समर्पण वैलफेयर सोसाइटी

जी:11-12 हकीकत नगर सहारनपुर मो0-9897123233

दिनांक-15/03/2017

To,  
Municipal Commissioner,  
Saharanpur Municipal Corporation,  
Gurudwara Road,  
Saharanpur - 247001

**Subject: Extending support for the Smart City Challenge - Round III, Saharanpur**

Dear Sir,

It gives me immense pleasure to acknowledge that Saharanpur has been selected to compete in the Smart City Challenge among the 100 selected cities.

We, at Samarpan Welfare Society, are engaged in solid waste management in the city through door to door collection and recycling of waste. We also have expertise in waste recycling such as converting it into compost. Similarly, we are also developing the process of recycling leftovers from Temple such as flowers and other worship materials. Recently, we successfully recycled flowers collected from temples into colours.

During our discussion with you last week, where it was conveyed to us that Solid Waste Management is being taken as a Pan City Solution which will benefit each and every citizen of the city.

We believe that the efforts of Saharanpur Municipal Corporation will surely take shape and we would like to express our support to make Saharanpur waste free. We would also like to extend our support and expertise in implementation of the above-mentioned Pan City Solution.

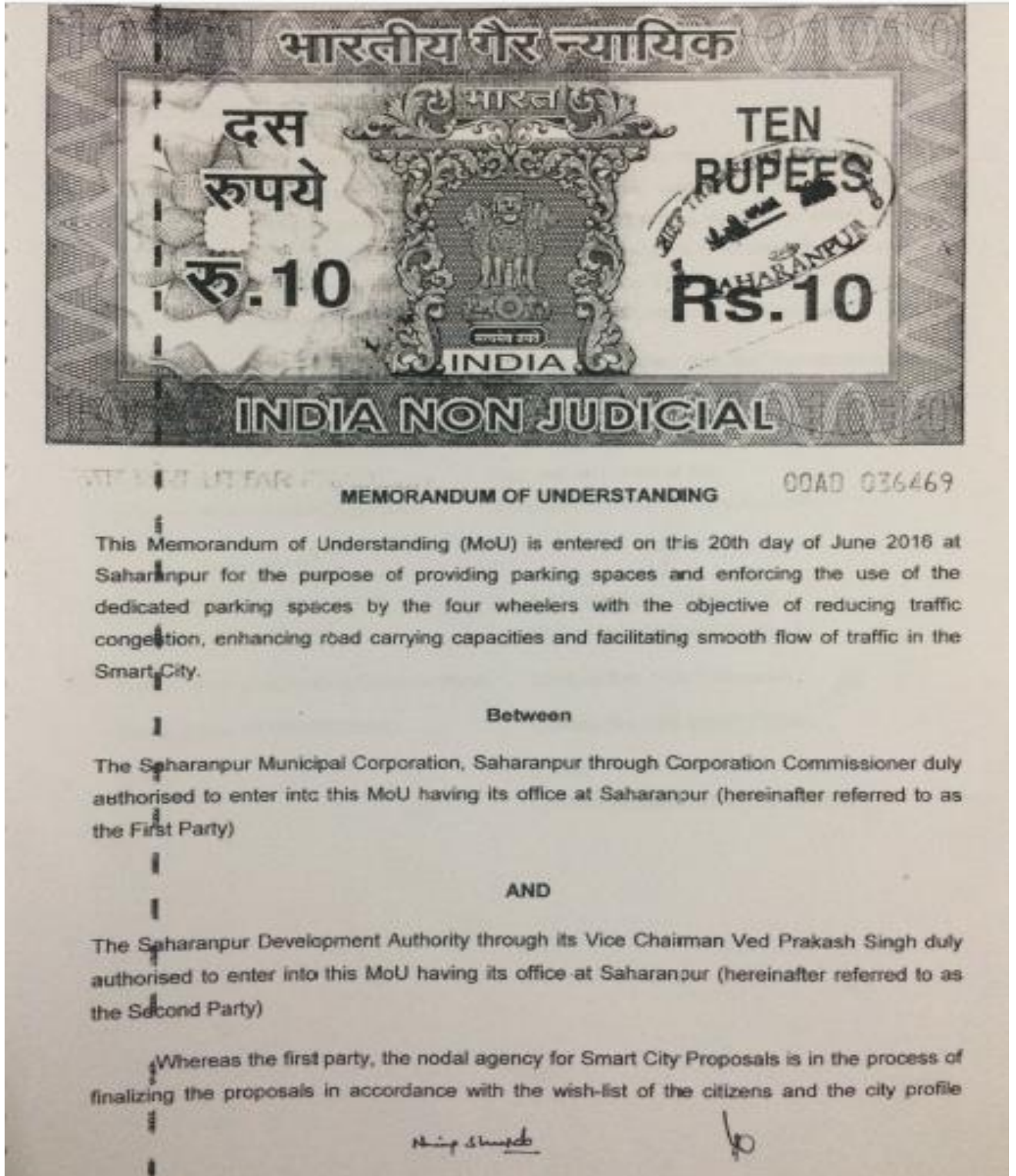
We hereby wish that Saharanpur is selected as a Smart City in Round III and would like to work together with you for achievement of Smart City initiative on mutually agreeable terms.

Thank You,



Name: Amit Tyagi  
Designation: secretary  
Samarpan Welfare Society

**Annexure 4.5 -Memorandum of Understanding between SMC & SDA**



## Annexure 4.5 -Memorandum of Understanding between SMC & SDA

wherein a need has been felt to ensure road safety, smooth flow of traffic and enforcing parking only at the designated spaces.

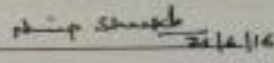
Whereas the Second Party is implementing, at its own expense, a well laid out Transport Nagar project with provisions for goods booking agencies, other commercial sites, public utilities, public purposes, repairs shops and 380 parking spaces, is willing to enforce measures necessary for clearing roads from the vehicles parked at unauthorized places on the roads and shifting to the dedicated parking lots in the Transport Nagar and taking such other road safety measures which facilitate smooth flow of traffic in the Smart City.

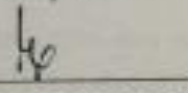
Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives in a time bound manner.

**IN WITNESS WHEREOF**, the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

For and on behalf of the  
Saharanpur Development Authority

  
(AUTHORISED SIGNATORY)

  
(AUTHORISED SIGNATORY)

Name: Dr. Niraj Shikla

Name: Ved Prakash Singh

Designation: Corporation Commissioner

Designation: Vice Chairman

Contact No.: +91-8477008001

Contact No.: +91-8958711000

E mail:

E mail:

Contact address: SDA, Saharanpur

**Annexure 4.5 -Memorandum of Understanding between SMC & Mittal Machines Pvt Ltd for Solar Based System Installation**



उत्तर प्रदेश UTTAR PRADESH

00AD 013668

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MoU) is entered on this 6th day of June, 2016 at Saharanpur for the purpose of setting up of a new unit for Solar Energy Development System to meet the demand generated by the Smart City Mission.

**Between**

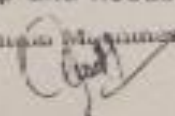
The Saharanpur Municipal Corporation, Saharanpur through Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party)

**AND**

The Mittal Machines Private Limited through its Director Mr. Atul Mittal authorised to enter into this MoU having its office near Prince Chowk, 1, Haridwar Road, Dehradun (hereinafter referred to as the Second Party)

Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposals for harnessing the solar energy to meet the gap and needs investments in the

For Mittal Machines (P) Ltd.


  
Director

13/6/16

**Annexure 4.5 -Memorandum of Understanding between SMC & Mittal Machines Pvt Ltd for Solar Based System Installation**

TIN : 05000731211  
PAN : AADCMT667M


CIN No. - U29200UP2000PTC025582  
Service Tax No.- AADCMT667MSD002

  
Kiloshing Ltd.

**MITTAL MACHINES (P) LTD.**  
AN ISO 9001:2008 CERTIFIED COMPANY

Aauth. Dealer • Kiloskar Diesel Generating Sets • Kiloskar Pumps

OFFICE : NEAR PRINCE CHOWK, 1, HARDWAR ROAD, DEHRADUN (U.K.)  
Ph. : 0135-2520161, 2620161, E-mail : dehradun@mitalmachinery.com

  
MM  
SINCE 1968

Ref : MMPL/2016-17/SRE/742  
Date : 10/06/2016

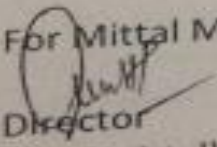
To,  
The Municipal Commissioner,  
Nagar Nigam,  
Saharanpur

Sub: MOU for setting up plant for providing Solar power under Smart City Mission

Dear Sir,

We wish to inform you that we are in the field of power business from the last 40 years either through renewable sources or non renewable sources . We are listed as Channel partner with MNRE for Off Grid as well as On Grid Solar power ( Certificate of Enlistment is Enclosed ). We are having 2 industrial plots each of 1250 sq mtr. In Industrial Estate, Pilakhni (Copy of Allotment letter Enclosed) on which we are planning to install a solar based unit. We will be highly delighted if MOU is signed between Nagar Nigam and us for providing Solar power in Saharanpur. We assure you that we will provide better quality product at very concessional prices.

Regards,

For Mittal Machines (P) Ltd.  
  
Director  
(Atul Mittal)  
9897099015

**Annexure 4.5 -Memorandum of Understanding between SMC & Paondoi Bachao Samaiti for River Cleaning Work**



उत्तर प्रदेश UTTAR PRADESH

24AA 893900

**MEMORANDUM OF UNDERSTANDING**

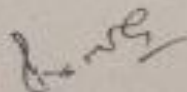
This Memorandum of Understanding (MoU) is entered on this 28<sup>th</sup> day of May, 2016 at Saharanpur for the purpose of rejuvenating Paondhoi and Dhamola rivers for restoring them to their original state and converting into clean water flowing streams and resorting to flood control measures with public support and monitoring the quality of flowing water for the survival of aqua life under the Smart City Mission.

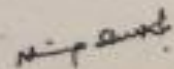
- Between -

The Saharanpur Municipal Corporation, Saharanpur through the Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party)

AND

The Paondhoi Bachao Samiti, (regd.) Saharanpur, through its Joint Secretary Dr. Promod Sharma duly authorised to enter into this MoU having its office at District Magistrate Office, Saharanpur (hereinafter referred to as the Second Party).





## Annexure 4.5 -Memorandum of Understanding between SMC & Paondoi Bachao Samaiti for River Cleaning Work

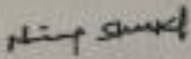
Whereas the first party, the nodal agency for Smart City Proposals, has drawn Smart City Proposals including rejuvenation of Paondhoi and Dhamola rivers for restoring them to their original state as agreed during the citizens' engagement campaign under the Smart City Mission wherein the issues were raised by the citizens to save the two rivers from decay and encroachments for sustainable ground water resource and people's faith in Paondhoi river and removing the encroachments along the banks of the the two rivers and for taking flood control measures for safety of life and property.

Whereas the Second Party already has mobilized public opinion in saving the Paondhoi which joins Dhamola within the Area Based Development is willing to associate itself to mobilize men and machinery to the extent of Rs. 5.00 crore to achieve the objectives during the mission period for implementation under the Smart City Mission.

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil the objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation



(AUTHORISED SIGNATORY)

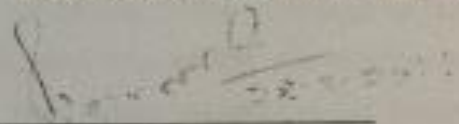
Name: Niraj Shukla

Designation: Corporation Commissioner  
Saharanpur Municipal Corporation

Contact No.:

E mail:

For and on behalf of the  
Paondhoi Bachao Samiti , Saharanpur



(AUTHORISED SIGNATORY)

Name: Promod Kumar Sharma

Designation: - Joint Secretary

Contact No.:915456836943

E mail: spromod1947@rediffmail.com

Contact address: District magistrate Office,  
Saharanpur



**Annexure 4.5 -Memorandum of Understanding between SMC & Indian Industries Association**



उत्तर प्रदेश UTTAR PRADESH 24AA 893902  
**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MoU) is entered on this 3<sup>rd</sup> day of June, 2018 at Saharanpur for the purpose of adopting structural retrofitting of the buildings to conform to the National Building Code of India, wherever required, fire safety, earthquake resistant, harnessing solar energy for self-use and rooftop rain water harvesting for ground water recharge, making adequate Parking Provisions within the campus to ensure smooth flow of traffic on the roads; and developing a Multi-utility Smart City Opportunity Complex to capitalize the opportunity created by the Smart City Proposals by developing one-stop-shop facilitation for Solar Energy harnessing by the citizens and incubation for the Start-ups to meet the goals set forth under the Smart City Mission.

Between

The Saharanpur Municipal Corporation, Saharanpur through Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party)

AND

*Signature*  
3/6/18  
N. Singh Shrivastava  
3/6/18

## Annexure 4.5 -Memorandum of Understanding between SMC & Indian Industries Association

The Indian Industrial Association (Regd.) through its Chairman, R. K. Dhawan authorised to enter into this MoU having its office at IIA Bhawan, Pratap Market, Saharanpur (hereinafter referred to as the Second Party)

Whereas the first party, the nodal agency for Smart City Proposals, has drawn the retrofitting proposals as agreed during the citizens' engagement campaign under the Smart City Mission wherein members of second party agreed to be partners in the Smart City Development to adopt measures of retrofitting and making investments for creating more job opportunities,

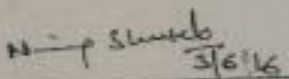
Whereas the Second Party, is willing to adopt retrofitting measures to the extent of their campuses and establishing a Multi-utility Smart City Opportunity Complex for facilitating harnessing solar energy and to make it a citizens sub-mission under the Smart City Mission.

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives in a time bound manner.

**IN WITNESS WHEREOF**, the Parties have caused this MoU to be signed and executed,

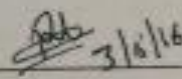
For and on behalf of  
Saharanpur Municipal Corporation

For and on behalf of  
Saharanpur Industrial Association

  
3/6/16

(AUTHORISED SIGNATORY)

Name:  
Designation:  
Contact No.:  
E mail:

  
3/6/16

(AUTHORISED SIGNATORY)

Name: R.K. Dhawan  
Designation: Chairman, IIA, Saharanpur  
Contact No.: +91-9837149303  
E mail: iiasaharanpur@gmail.com  
Contact address: IIA Bhawan, Pratap  
Market Saharanpur

**Annexure 4.5 -Memorandum of Understanding between SMC & Rotary Club, Saharanpur**



उत्तर प्रदेश UTTAR PRADESH

24AA 893904

**MEMORANDUM OF UNDERSTANDING**

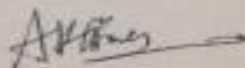
This Memorandum of Understanding (MoU) is entered on this 2<sup>nd</sup> day of June, 2016 at Saharanpur for the purpose of adopting schools for imparting smart education in the city and undertaking public awareness campaigns for harnessing solar energy, rooftop rain water harvesting for ground water recharge, and traffic awareness to meet the goals set forth under the Smart City Mission.

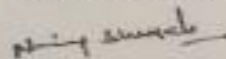
**Between**

The Saharanpur Municipal Corporation, Saharanpur through Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party)

**AND**

The Rotary Club through its Assistant Governor authorized to enter into this MoU having its office at Saharanpur (hereinafter referred to as the Second Party)





## Annexure 4.5 -Memorandum of Understanding between SMC & Rotary Club, Saharanpur

Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposals to use the technology in e-governance for bringing efficiency, transparency and accountability as agreed during the citizens' engagement campaign under the Smart City Mission wherein members of second party agreed to be partner in achieving this objective,

Whereas the Second Party, to begin with, is willing to adopt five inter-colleges to impart smart education free of cost and orient the skills of the students for using the technology and creating a local human resource and gradually expanding its campaign to other inter-colleges free of cost

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives in a time bound manner.

**IN WITNESS WHEREOF**, the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

For and on behalf of  
Rotary Club, Saharanpur Greater

*Niraj Shukla*  
2/6/24

(AUTHORISED SIGNATORY)

Name: Mr. Niraj Shukla

Designation: Commissioner, Saharanpur  
Municipal Corporation

Contact No.: +91-8477008001

E mail: nagarnigam@saharanpur@gmail.com

*Rtn. Ajay Sharama*

(AUTHORISED SIGNATORY)

Name: Rtn. Ajay Sharama

Designation: Assistant Governor,  
Rotary Club, Saharanpur Greater

Contact No.: +91-9219666355

E mail: ajaysharamarotary@gmail.com

Contact address: 32, Mission  
Compound, Saharanpur

**Annexure 4.5 -Memorandum of Understanding between SMC & Senior Citizen Welfare Association, Saharanpur**



उत्तर प्रदेश UTTAR PRADESH  
MEMORANDUM OF UNDERSTANDING

24AA 893906

This Memorandum of Understanding (MoU) is entered on this 03<sup>rd</sup> day of June, 2016 at Saharanpur for the purpose of city greening and undertaking public awareness campaigns relating to cleanliness, removal of encroachments on public lands, and adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings, to meet the goals set forth under the Smart City Mission.

Between

The Saharanpur Municipal Corporation, Saharanpur through Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party)

AND

The Senior Citizens Welfare Society (Regd.) through its General Secretary, Jasbir Singh Gambhir authorised to enter into this MoU having its office at Link Road, Jwala Nagar, Saharanpur 247001(hereinafter referred to as the Second Party),

*J. Singh* *Jasbir Singh*

## Annexure 4.5 -Memorandum of Understanding between SMC & Senior Citizen Welfare Association, Saharanpur

Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposals for city greening and undertaking public awareness campaigns relating to cleanliness, removal of encroachments on public lands, and adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings as agreed during the citizens' engagement campaign under the Smart City Mission wherein members of second party agreed to be partner in achieving these objectives,

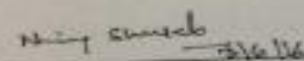
Whereas the Second Party, is willing to be part of public awareness campaign for greening the city, removal of encroachments on public lands, and adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings,

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil the objectives in a time bound manner.

**IN WITNESS WHEREOF**, the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

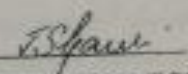
For and on behalf of  
Senior Citizens Welfare Society (Regd.)

  
(AUTHORISED SIGNATORY)  
Name: Dr. Niraj Shukla

Designation: Corporation Commissioner,  
Saharanpur Municipal Corporation

Contact No.:

E mail:

  
(AUTHORISED SIGNATORY)  
Name: Jasbir Singh Gambhir

Designation: General Secretary

Contact No.: +91-9359206936

E mail: seniorcitizen2011@rediffmail.com  
Contact address: Link Road, Jwala  
Nagar, Saharanpur - 247001

**Annexure 4.5 -Memorandum of Understanding between SMC & Wood Craft Design & Development Society**



उत्तर प्रदेश UTTAR PRADESH

24AA 893893

**MEMORANDUM OF UNDERSTANDING**

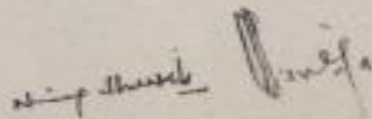
This Memorandum of Understanding (MoU) is entered on this 2<sup>nd</sup> day of June, 2016 at Saharanpur for the purpose of capitalizing the opportunities created by the Smart City Proposals relating to the harnessing of solar energy and roof-top rain water harvesting for ground water recharge and developing one-stop-shop facilitation for installation and maintenance of the solar power system and the installation of system for roof-top rain water harvesting which will act as multi facility centre for the citizens of Saharanpur under the Smart City Mission.

Between

The Saharanpur Municipal Corporation, Saharanpur through the Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party).

AND

The Wood Craft Design & Development Society (Regd.), Delhi Road, Near D.I.C. Office, Saharanpur through its Chairman Mr. Ramji Suneja, duly authorized to enter into this MoU (hereinafter referred to as the Second Party).



## Annexure 4.5 -Memorandum of Understanding between SMC & Wood Craft Design & Development Society

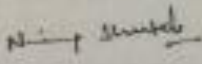
Whereas the first party, the nodal agency for Smart City Proposals has set the goals for ground water recharging and harnessing solar energy to meet the Smart City Challenges and to setup One-Stop-Shop Smart City Opportunity Centre, under the Smart City Mission as agreed during the citizens' engagement campaign to ensure quality of life and sustainability.

Whereas the Second Party, is willing to setup the aforesaid opportunity centre to provide under one roof the services of providing Solar Panels and related attachments, installation and maintenance thereof and also to provide for installing Roof-top Rain water Harvesting System for Groundwater Recharge including the technological assistance to the citizens.

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed.

For and on behalf of  
Saharanpur Municipal Corporation

  
\_\_\_\_\_  
(AUTHORISED SIGNATORY)

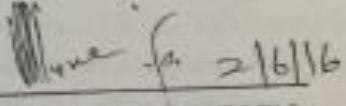
Name: Dr. Niraj Shukla

Designation: Corporation Commissioner,  
Saharanpur Municipal Corporation

Contact No.: 9415155C56

E mail:

For and on behalf of the  
Chairman, Wood Craft Design & Development  
Society, Saharanpur

  
\_\_\_\_\_  
(AUTHORISED SIGNATORY)

Name: Mr. Ramji Suneja

Designation: Chairman, Wood Craft  
Design & Development Society (Regd.)

Contact No.: 9697661000

E mail: india.woodcraft@gmail.com  
Contact address: Wood Craft Design &  
Development Society (Regd.), Delhi  
Road, Near D.I.C. Office, Saharanpur



**Annexure 4.5 -Memorandum of Understanding between SMC & Saharanpur Architects & Engineer Association**



उत्तर प्रदेश UTTAR PRADESH

00AD 036486

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MoU) is entered on this 20th day of June, 2016 at Saharanpur for the purpose of harnessing roof-top solar energy, roof-top rainwater harvesting for ground water recharge, adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings, to meet the goals set forth under the Smart City Mission.

**Between**

The Saharanpur Municipal Corporation, Saharanpur through Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party)

**AND**

The Saharanpur Architects & Engineers Association through its President Er. J. S. Bajaj duly authorised to enter into this MoU having its office at Court Road, Saharanpur (hereinafter referred to as the Second Party)

*Handwritten signature*

*Handwritten signature*

## Annexure 4.5 -Memorandum of Understanding between SMC & Saharanpur Architects & Engineer Association

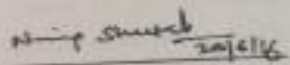
Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposals of harnessing roof-top solar energy, roof-top rainwater harvesting for ground water recharge, undertaking public awareness campaigns relating to cleanliness, removal of encroachments on public lands, adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings, as agreed during the citizens' engagement campaign under the Smart City Mission wherein members of second party agreed to be partner in achieving these objectives,

Whereas the Second Party, is willing to be part for in the Smart City Mission for the purpose of retrofitting the buildings and infrastructure for harnessing roof-top solar energy, roof-top rainwater harvesting for ground water recharge, adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings and public awareness campaign for greening the city,

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives in a time bound manner.

IN WITNESS WHEREOF the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

  
(AUTHORISED SIGNATORY)

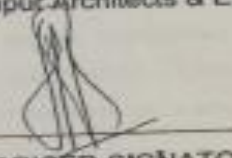
Name: Dr. Niraj Shukla

Designation: Corporation Commissioner

Contact No.: +91-8477008001

E mail:

For and on behalf of  
Saharanpur Architects & Engineers Association

  
(AUTHORISED SIGNATORY)

Name: Er. J.S. Bajaj

Designation: President

Contact No.: +91-9897417717

E mail:

Contact Address: Court Road,  
Saharanpur

## Annexure 4.5 -Memorandum of Understanding between SMC & Saharanpur Architects & Engineer Association

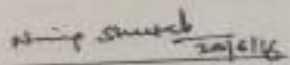
Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposals of harnessing roof-top solar energy, roof-top rainwater harvesting for ground water recharge, undertaking public awareness campaigns relating to cleanliness, removal of encroachments on public lands, adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings, as agreed during the citizens' engagement campaign under the Smart City Mission wherein members of second party agreed to be partner in achieving these objectives,

Whereas the Second Party, is willing to be part for in the Smart City Mission for the purpose of retrofitting the buildings and infrastructure for harnessing roof-top solar energy, roof-top rainwater harvesting for ground water recharge, adherence to building regulations, need for earthquake resistant buildings, fire safety, uniform street-picture and colour scheme of the buildings and public awareness campaign for greening the city,

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives in a time bound manner.

IN WITNESS WHEREOF the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

  
(AUTHORISED SIGNATORY)

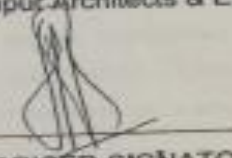
Name: Dr. Niraj Shukla

Designation: Corporation Commissioner

Contact No.: +91-8477008001

E mail:

For and on behalf of  
Saharanpur Architects & Engineers Association

  
(AUTHORISED SIGNATORY)

Name: Er. J.S. Bajaj

Designation: President

Contact No.: +91-9897417717

E mail:

Contact Address: Court Road,  
Saharanpur

**Annexure 4.5 -Memorandum of Understanding between SMC & Indian Medical Association**



उत्तर प्रदेश UTTAR PRADESH

24AA 893907

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MoU) is entered on this 04<sup>th</sup> day of June, 2016 at Saharanpur for the purpose of managing Bio-medical Waste generated by the Healthcare facilities in Saharanpur city to ensure safe collection, storage, segregation, transportation, setting up of Bio-medical Waste Management System and creating awareness among the stakeholders about their responsibilities to cooperate in segregation and management of Bio-medical Waste under the Smart City Mission,

**BETWEEN**

The Saharanpur Municipal Corporation, Saharanpur through Corporation Commissioner duly authorised to enter into this MoU having its office at Saharanpur (hereinafter referred to as the First Party),

**AND**

The Indian Medical Association, Saharanpur through its President, Dr. Ajay Kumar Singh, duly authorised to enter into this MoU, having its office at Sehgal Eye Hospital & Maternity Centre, Hakikat Nagar, Saharanpur (hereinafter referred to as the Second Party),

Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposal for Solid Waste Management and intends to manage the Bio-medical Waste,

*Ning Suresh*

*Ajay Kumar*

## Annexure 4.5 -Memorandum of Understanding between SMC & Indian Medical Association

separately, in accordance with rules and guidelines, relating to Bio-medical Waste Management, of the Ministry of Environment and Forest, Govt. of India for the health facilities operating in the city for achieving the objective of providing clean, green and safe living environment and has signed an MoU with Saharanpur Bio-medical Waste Solutions assuring that the health facilities in the city under the directions of IMA will ensure regular supply of Bio-medical waste to Saharanpur Bio-medical Waste Solutions under the Smart City Mission .

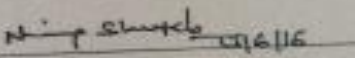
Whereas the Second Party, is willing to issue directions to all the health facilities operating in the city of Saharanpur will strive to ensure that the Bio-medical waste generated by the Health facilities is segregated at source as laid down in the rules and guidelines aforementioned and shall regularly supply the Bio-medical Waste to the Saharanpur Bio-medical Waste Solutions,

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil the objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed,

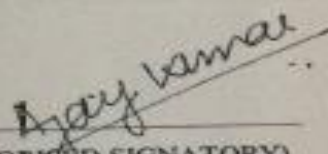
For and on behalf of  
Saharanpur Municipal Corporation

For and on behalf of  
Indian Medical Association, Saharanpur

  
(AUTHORISED SIGNATORY)

Name: Dr. Niraj Shukla

Designation: Corporation Commissioner,  
Saharanpur Municipal Corporation

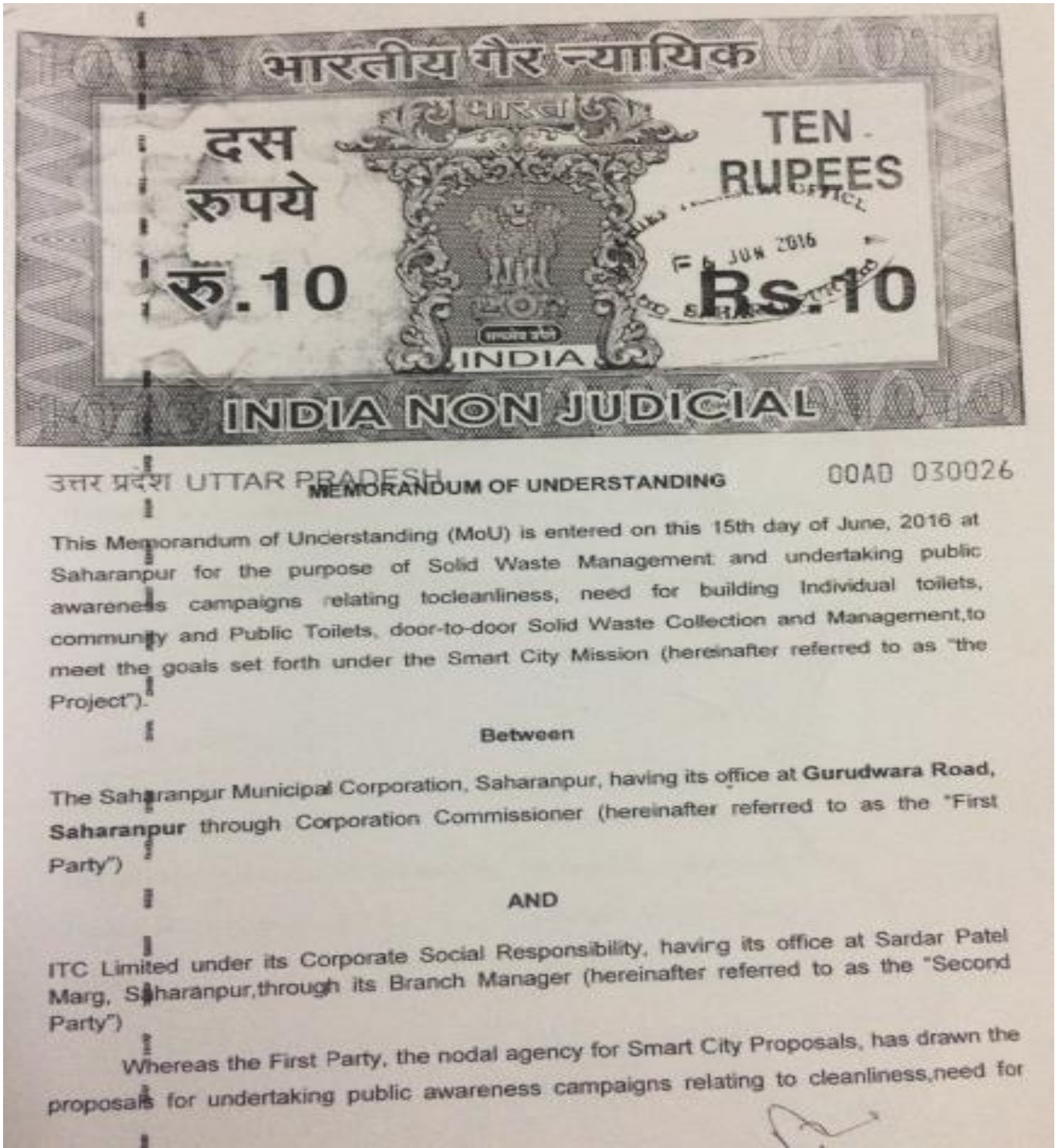
  
(AUTHORISED SIGNATORY)

Name: Dr. Ajay Kumar Singh

Designation: President, Indian Medical  
Association, Saharanpur

Contact address: Sehgal Eye Hospital &  
Maternity Centre, Hakikat Nagar, Saharanpur

**Annexure 4.5 -Memorandum of Understanding between SMC & ITC LTD for CSR fund in Smart City Project**



## Annexure 4.5 -Memorandum of Understanding between SMC & ITC LTD for CSR fund in Smart City Project

building Individual toilets, Community and Public Toilets, door-to-door Solid Waste Collection and Management as agreed during the citizens' engagement campaign under the Smart City Mission, and agrees to provide resources and facilities to enable the same, wherein the representatives of Second Party agree to be partner in achieving these objectives.

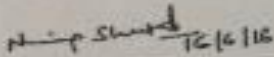
Whereas the Second Party is willing to be part of public awareness campaign for Solid Waste Management and undertaking public awareness campaigns relating to cleanliness, need for building Individual toilets, Community and Public Toilets, door-to-door Solid Waste Collection and Management for the area selected for Area Based Development under its Corporate Social Responsibility in a Public Private Partnership .

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfill the objectives are met in a time bound manner.

This MoU is a non-binding document that lists the activities intended to be performed by both Parties in relation to the Project.

**IN WITNESS WHEREOF**, the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

  
12/16/16

(AUTHORISED SIGNATORY)-

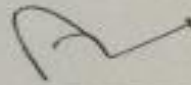
Name: Dr. Niraj Shukla

Designation: Corporation Commissioner

Contact No.: +91-8477008001

E mail:

For and on behalf of  
ITC, Saharanpur



(AUTHORISED SIGNATORY)

Name: Mr. J.P. Nair

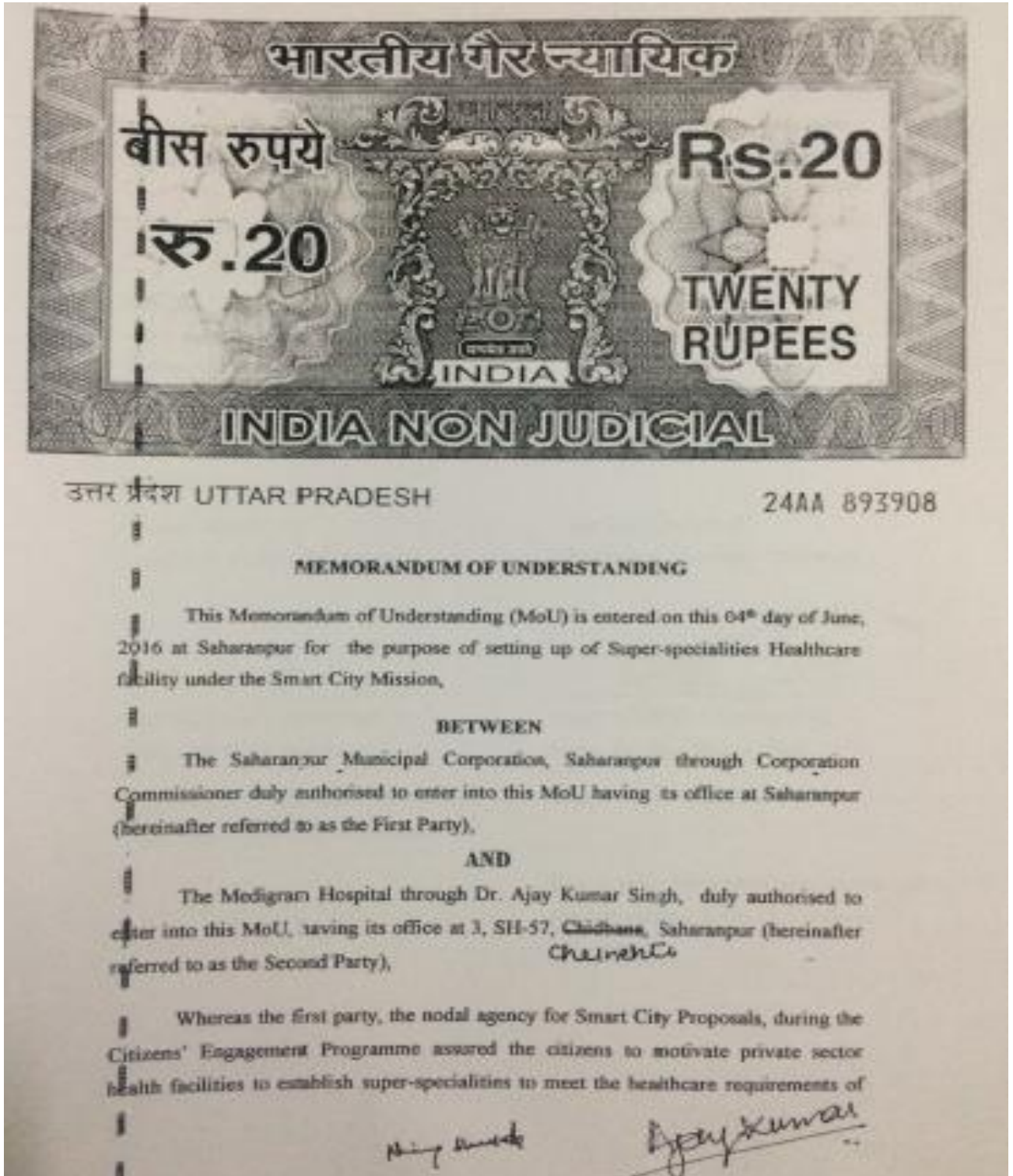
Designation: Branch Manager

Contact No.: 0132-2720259

E mail:

Contact address: ITC Limited,  
Sardar Patel Marg,  
Saharanpur – 247001.

**Annexure 4.5 -Memorandum of Understanding between SMC & District Hospital for health & medical services in Trauma Center**





## Annexure 4.5 -Memorandum of Understanding between SMC & District Hospital for health & medical services in Trauma Center

the local residents who, under critical health conditions, travel longer distances to get medical care,

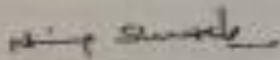
Whereas the Second Party which has recently opened up a 120 bedded super-speciality hospital christened as "meDIGRam" is willing to setup such other super-specialities which are not available, till date, in Saharanpur city and will strive for putting in place these super-specialities in a phased manner during the period of Smart City Mission,

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil the objectives in a time bound manner

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed,

For and on behalf of  
Saharanpur Municipal Corporation

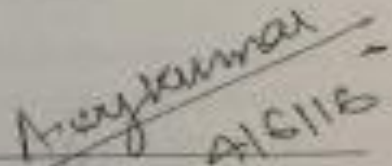
For and on behalf of  
Medigram Hospital, Saharanpur



(AUTHORISED SIGNATORY)

Name: Dr. Niraj Shukla

Designation: Corporation Commissioner,  
Saharanpur Municipal Corporation



(AUTHORISED SIGNATORY)

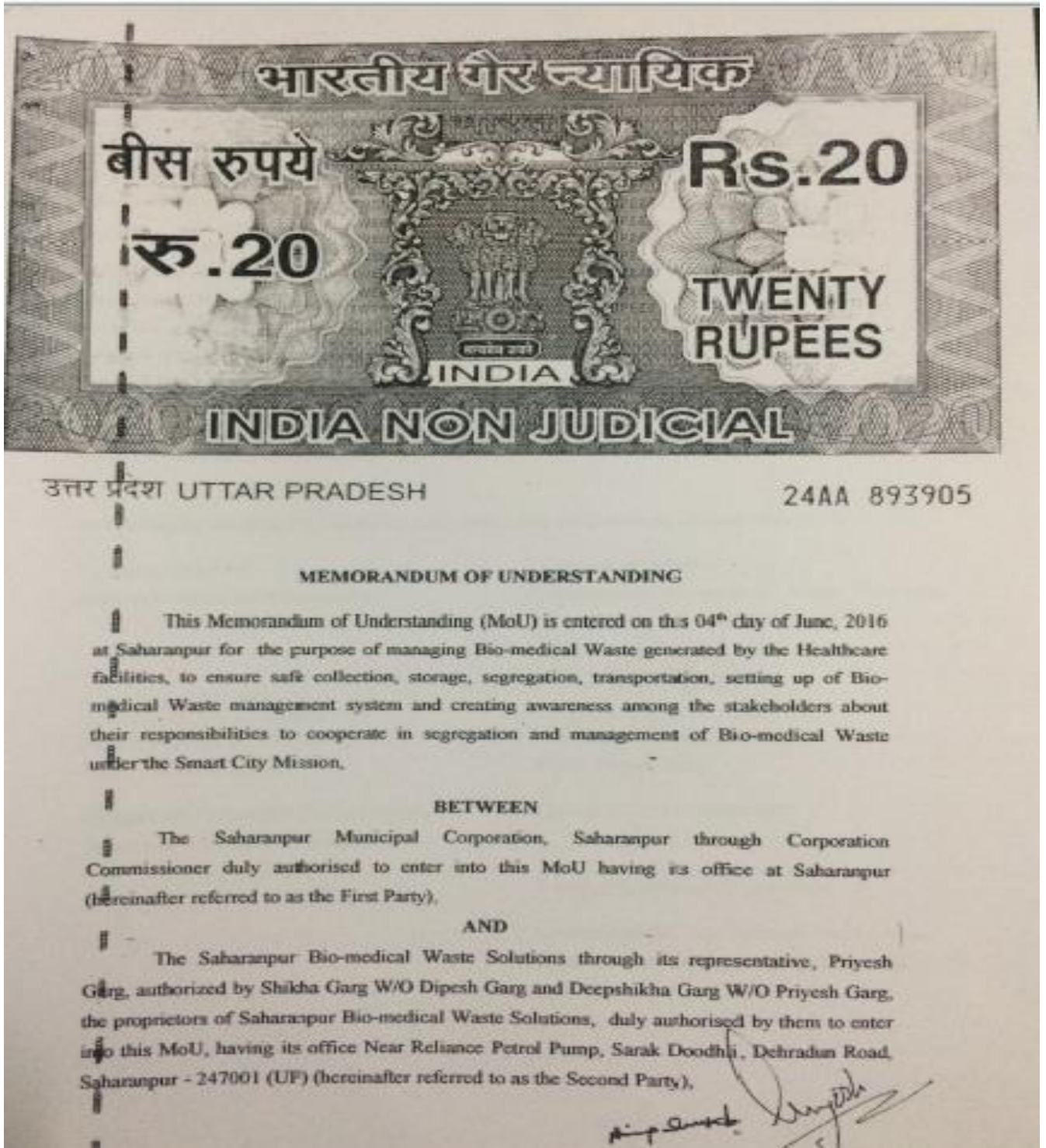
Name: Dr. Ajay Kumar Singh

Contact No.: +91-8477001904

E mail: patientcare@medigramhospital.com

Contact address: 3, SH-57, Chidhana,  
Saharanpur

**Annexure 4.5 -Memorandum of Understanding between SMC & The Saharanpur Bio-waste Solutions for Bio-waste treatment**



## Annexure 4.5 -Memorandum of Understanding between SMC & The Saharanpur Bio-waste Solutions for Bio-waste treatment

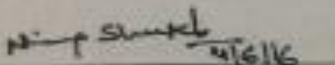
Whereas the first party, the nodal agency for Smart City Proposals, has drawn the proposal for Solid Waste Management and intends to manage Bio-medical waste, separately, in accordance with rules and guidelines, relating to Bio-medical Solid Waste Management, of the Ministry of Environment and Forest, Govt. of India for the health facilities operating in the city for achieving the objective of providing clean, green and safe living environment under the Smart City Mission ,

Whereas the Second Party, is willing to establish the Bio-medical Waste Processing Management System with support of the first party, which in association with Indian Medical Association (IMA) Saharanpur, will ensure that the waste generated by the Health facilities is segregated at source as laid down in the rules and guidelines afore-mentioned and the first party will sign an MoU with IMA to strive for making available the Bio-medical waste to the second party,

Both the Parties agree to co-ordinate and work closely so that the intentions mentioned above and any others necessary to fulfil the objectives in a time bound manner.

IN WITNESS WHEREOF, the Parties have caused this MoU to be signed and executed,

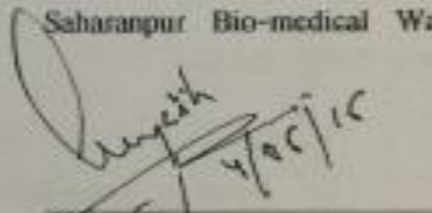
For and on behalf of  
Saharanpur Municipal Corporation

  
(AUTHORISED SIGNATORY)

Name: Dr. Niraj Shukla

Designation: Corporation Commissioner,  
Saharanpur Municipal Corporation

For and on behalf of  
Saharanpur Bio-medical Waste Solutions

  
(AUTHORISED SIGNATORY)

Name: Priyesh Garg

Contact No. : +91-9997426815

E mail: priyesh.charu@gmail.com

Contact address: Near Reliance Petrol Pump,  
Sarak Doodhli, Dehradun Road, Saharanpur -  
247001 (U.F.)

**Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project**

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**MINISTRY OF URBAN DEVELOPMENT  
GOVERNMENT OF INDIA**

**AND**

**BHARAT SANCHAR NIGAM LIMITED**

## **Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project**

### **Memorandum of Understanding between BSNL and MoUD for providing eSBM Platform for Solid Waste Management in Urban Local Bodies**

This Memorandum of Understanding (MoU) is signed on 21st day of March 2016 by and between **PRESIDENT OF INDIA**, acting through **SHRI PRAVEEN PRAKASH, JOINT SECRETARY & MISSION DIRECTOR, MINISTRY OF URBAN DEVELOPMENT, GOVT. OF INDIA** (hereinafter called **MoUD** which expression shall unless repugnant to the context include its successors in Govt, business administrators and assigns or legal representative) of the **FIRST PARTY**

AND

**BHARAT SANCHAR NIGAM LIMITED**, a Company registered under the Companies Act 1956 having its Registered Office at Bharat Sanchar Bhawan, Harish Chandra Malhur Lane, Janpath New Delhi-110001 acting through **MS SUJATA TAPAN RAY, DIRECTOR (HR & FINANCE), BSNL BOARD** (hereinafter called **BSNL** which expression shall, unless repugnant to the context includes its successor in business, administrators, liquidators and assigns or legal representatives) of the **SECOND PARTY**.

In the MoU, henceforth, MoUD and BSNL shall be individually referred to as "PARTY" and collectively as "PARTIES".

#### **OBJECTIVE OF THE AGREEMENT**

This Memorandum of Understanding is for providing eSBM, an ICT Platform for enabling Solid Waste Management in Urban Local Bodies all over the country. Through this platform, a solution for tracking and monitoring all the vehicles engaged in collection and transportation of solid waste will be provided by BSNL in 4041 Urban Local Bodies (ULBs) in the country. Additional Services which can may also be offered by BSNL to supplement the Solid Waste Management handling process more effectively in future if required by respective ULBs at their sole discretion.

#### **Now this Memorandum of Understanding witnesseth as follows:**

1. In consideration of the due observance & performance of all the terms and conditions mentioned in this Memorandum of Understanding alongwith Part-I to III attached hereto and forming part of this Memorandum of Understanding, MoUD and BSNL agree to sign this Memorandum of Understanding for enabling provision of eSBM, an ICT Platform for enabling Solid Waste Management in Urban Local Bodies all over the country.
2. This Memorandum of Understanding shall remain in force till 1<sup>st</sup> October 2018 or till such date the Swachh Bharat Mission (Urban) is under implementation (whichever is earlier) from the date of this MoU. This MoU can be extended through mutual consent after the completion of the period on such terms as may be then mutually agreed.

1 \_\_\_\_\_ 1 \_\_\_\_\_ 

## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

3. MoUD and BSNL hereby agree and unequivocally undertake to fully comply with all the terms and conditions stipulated in the MoU alongwith Part I to III attached hereto and without any deviation or reservations of any kind, unless mutually agreed between the Parties at any given time.
4. BSNL and MoUD hereby agree to develop a model agreement which may thereafter be executed between the concerned ULB/other related entities and BSNL for implementation of the solution as envisaged under this MoU.
5. The laws of India as promulgated/modified/amended or replaced from time to time shall govern this MoU.
6. BSNL shall follow the transparent contract/procurement policies and adhere to the applicable contract/procurement rules.
7. This Memorandum of Understanding shall not be amended or modified or altered or changed in any way except in writing and duly executed by the authorized representatives of each party.
8. This MoU shall be subject to the jurisdiction of the Courts at New Delhi.

In witness where of the parties hereto have caused this MoU to be executed through their authorized representatives on the 21<sup>st</sup> day of March, 2016.

  
( PRAVEEN PRAKASH )  
Joint Secretary & Mission Director (SBM)  
Ministry of Urban Development, Govt. of India.

  
(SUJATA TAPAN RAY)  
Director (HR & Finance)  
BSNL Board, New Delhi.

In presence of:

1. Mr Saurabh Jain  
Dy Secretary (SBM)  
MoUD, Govt. of India.

  
21.3.16

2. Mr Rajesh Kumar  
Sr General Manager (NB)  
BSNL Corp Office, New Delhi.

  
21/3/16

## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

### PART-I

#### Scope of Work

As part of this agreement, following services shall be provided by BSNL to the 4041 ULBs all over the country,

**Vehicle Tracking & Monitoring System** through e SBM- an ICT Platform for enabling effective reporting, monitoring and control of following activities through innovative Web application.

- a) Monitoring of fleet status by vehicle tracking system (GPS based).
  - b) MIS for waste collection and transportation.
  - c) Real time SMS delivery for vehicle breakdown and maintenance.
  - d) Transparency in civic Administration.
- **Additional Services** may also be offered by BSNL to supplement the Solid Waste Management handling process more effectively in future if required by respective ULBs at their sole discretion.

\*\*\*\*\*



## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

### PART- II

#### Commercial Terms & Conditions

##### A. Service Charges

- i) Service charge for providing solution for Vehicle Tracking & Monitoring based on an ICT platform for enabling Solid Waste Management in Urban Local Bodies on per vehicle per month basis

– INR 1500.00

Service Tax and other taxes will be charged extra as per actual. The present rate of Service Tax is 14.5%.

##### B. Payment Terms

- i) Since the solution will be implemented on OPEX model without any payment of CAPEX which will be required upfront, the payment of service charges will be made in advance for the first year of the operation. Thereafter, advance payments will be made on half yearly basis. The service will be stopped by BSNL if the advance payment is not made in time by any ULB.
- ii) The service charges for the operation of the ICT Solution during the 1<sup>st</sup> year in all the smaller ULBs where the number of vehicles are less than 100 will be paid in advance centrally from a single point in each state and BSNL will enter into a Single Group agreement with each State Government for all smaller ULBs in that state in place of separate agreements with each such smaller ULBs. MoUD will help BSNL (on a best effort basis) in making Group agreements centrally with smaller ULBs of each state and will advise the state govts. accordingly.
- iii) The advance payments to BSNL will be settled on the basis of digital/online records provided by the eSBM platform. In order to ensure the continuation of services without any interruption, the advance payment of the next half year block will be released by the ULBs / State Govt. (In case of group of smaller ULBs) before the end of preceding annual / half year block.
- iv) In order to have smooth operation of the system, MoUD will assist (on a best effort basis) in ensuring the timely release of advance payment to BSNL from ULBs during the entire period of the agreement.
- v) The service charge per vehicle per month will be revised after the validity period of this MoU (as defined in para 2 of the main part of MoU) as per mutual agreement.
- vi) In case of any willful damage/sabotage to the Vehicle Tracking Devices by the ULB staffs or any third party, a suitable replacement charge for each VTS will be required to be paid by the ULB as indicated in the Model Agreement at Annexure I.



## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

### C. Other Terms and conditions:

- i) MoUD will strive to ensure (on a best effort basis) that all the 4041 ULBs enter into agreement (in line with model agreement) with BSNL for this work. BSNL will sign separate agreements with all those ULBs where number of vehicles are more than 100 and a common group agreement with a state level Nodal office like State Mission Directorate for all the smaller ULBs in a state where numbers of vehicles are less than 100. The agreement between BSNL and individual ULB (or State Govt. for a group of smaller ULBs in a state) will be signed in the format enclosed herewith as Annexure-I to this MoU.
- ii) The eSBM ICT platform will be ready for launch within 60 days of signing of the agreement with respective ULB. Go-live of the solution including mapping of routes, installation of hardware devices in vehicles etc. will done within next 30 to 60 days depending upon the number of vehicles in a particular ULB.
- iii) In case of any non-compliance to the process laid down for smooth operation of the system by the ULB staff, BSNL will not be responsible for the shortfall in performance or in the MIS reports.
- iv) The maintenance and support for all the hardware devices & Software / Apps will be the responsibility of BSNL during the period of agreement.
- v) In the 1<sup>st</sup> phase, roll-out will be done in the major 75 cities for which the list is already provided by MoUD. Roll-out in the Cities/Town/Urban areas beyond the above 75 cities will be done in the 2<sup>nd</sup> phase after completing the implementation works of the 1<sup>st</sup> phase.
- vi) BSNL will provide the names & contact details of its Nodal Officers in each city for smooth coordination in implementation and operation of the system. Similarly, each ULB will also nominate a nodal officer on their behalf.
- vii) BSNL will provide adequate (Min. one day) training to each user of the system (Mobile and Web users) in a batch size of 30 – 50 persons. Nodal Officers of the ULBs (Admin) will be also imparted training to ensure that he can independently manage the Web Portal and can perform the function of taking out reports, user management, area management etc. These trainings shall be provided at BSNL's own cost however, ULBs ensure presence of users at a mutually convenient location and date).
- viii) BSNL will provide a help desk support (on toll free phone number basis) on all working days between 9 AM to 6 PM for providing IT and technical support whenever required by ULBs.
- ix) **Suspension, Revocation, Termination**
  - (a) Either party reserves the right to suspend the operation of the services under this MoU, at any time, due to change in its own license conditions or upon directions from the competent government authorities. Further, the suspension of the MoU will not be a cause or ground for extension of the period of the MoU and suspension period will be taken as period spent.
  - b) Breach of non-fulfilment of MoU conditions may come to the notice of either party through complaints or as a result of the regular monitoring. Whenever considered appropriate either party may conduct an inquiry either sub-moto or on complaint to determine whether there has been any breach in compliance of the terms and conditions of the MoU by the other party or not. Other party shall extend all reasonable facilities and shall endeavour to remove the hindrance of every type upon such inquiry.

## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

- c) On expiry of the agreement, the ULB shall ensure the clearance of outstanding dues if any which is liable to be paid to BSNL. In case of failure to pay the amount of dues to BSNL, the outstanding amount shall be realized through pending bills dues from ULB if any under this agreement or any other agreement with BSNL and ULB without prejudice to any other actions for recovery of amount due to BSNL.

### x) **Dispute Settlement**

- (a) In the event of any disputes, controversies or claims arising out of or in connection with this Agreement / MoU or the breach, termination or invalidity thereof the parties shall at first instance endeavor to amicably resolve/ reconcile by mutual discussion / reconciliation in good faith. If the dispute, difference, controversies / differences of opinion, breaches and violation arising from or related to the agreement cannot be resolved within 60 (sixty) days of commencement of reconciliation / discussions, in such case, the same shall be finally referred by either party to the arbitration to one of the Arbitrators in the Department of Public Enterprises to be nominated by the Secretary to the Government of India, in charge of Bureau of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to the Arbitration under this clause. The award of the Arbitrator shall be binding upon both the parties, provided, however, any Party aggrieved by such award may make a further reference for setting aside on revision of award to the Law Secretary, Department of legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference, the dispute shall be decided by the Law Secretary, whose decision shall bind the parties finally and conclusively. The parties in the dispute will share equally the cost of arbitration as intimated by the Arbitrator.
- (b) The venue of the arbitration proceeding shall be New Delhi.

### xi) **Force-Majeure**

If at any time, during the continuance of this MoU, the performance in whole or in part, by either party, of any obligation under this is prevented or delayed, by reason of war, or hostility, acts of the public enemy, civic commotion, sabotage, Act of State or direction from Statutory Authority, explosion, epidemic, quarantine restriction, strikes and lockouts, fire, floods, natural calamities or any act of God (hereinafter referred to as event), provided notice of happenings of any such event is given by the affected party to the other, within 21 Calendar days from the date of occurrence thereof, neither party shall, by reason of such event, be entitled to terminate the MoU, nor shall either party have any such claims for damages against the other, in respect of such non-performance or delay in performance. Provided Service under the MoU shall be the resumed as soon as practicable, after such event comes to an end or ceases to exist. The term of this MoU shall be extended corresponding to the period of force majeure event.

### xii) **Indemnification**

Both Parties agree to protect, defend indemnify and hold harmless the other party and its employees, officers, directors, agents or representatives from and against any liabilities, damages, fines, penalties and costs (including legal costs and disbursements) arising from or relating to:

- (a) Any breach of any statute, regulation, direction, orders or standards from any governmental body, agency, Urban Local Bodies, telecommunications operator or regulator applicable to such party.
- (b) Any breach of the terms and conditions in this MoU by BSNL or MoUD.
- (c) Any claim of any infringement of any intellectual property right or any other right of any third party or of law by MoUD or BSNL as attributable to the party's role in services herein.

## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

(d) Any claim made by any third party arising out of the use of the services and arising in connection with interruptions or degradations of service caused.

(e) Any breach or non-performance or of any of its undertaking, warranty or obligation under this Agreement including any loss or damage or claims due to any compromise in data integrity and such lapse directly attributed to the fraud, negligence or willful misconduct.

This clause shall survive the terminations or expiry of this Agreement.

### xiii) SLA

The solution shall be designed to ensure a System Availability of 95% measured over a quarter (Systems / sub-systems shall not be down for more

.than 108 hours in a quarter.) Scheduled backup and other recovery functions will be taken into account while designing the system.

Detailed SLA and related compensation / damages shall be as per the model agreement format at Annexure - I.



\*\*\*\*\*



## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

This portal will be able to provide creation/modification/deletion of different types of users viz. Super Admins, Admins and others. Secured access facility shall be provided on the portal to these users. All requisite security measures to prevent unauthorized access, password hacking etc needs to be enforced by the system. The system shall show a comprehensive dashboard to show overall situation of the City with intuitive tables/graphs showing

- a) Garbage cleaning status.
- b) Garbage lifting status.
- c) Dumpers/tippers in operations.
- d) Quantity of solid waste disposed in dumping sites.
- e) Route maps.
- f) Complaints (optional).
- g) Rating of services by citizens (optional).
- h) There will be a facility to drill down to detailed reports level.
- i) Waste generated and handled – definable periodicity like day month etc.
- j) Waste transported by a particular vehicle, routes taken, deviations etc on Map and list based interface.
- k) Waste handled by disposal sites in daily, weekly etc. Periodicity.
- l) Report of staff attendance (optional).
- m) Reports related to complaints like long pending complaints, areas with best services, areas with worst services etc. (optional).
- n) Reports related to complaint redressal – like average time of attending a complaint, type of complaint received most, most complaints received from area etc. (optional).

This central portal will be provisioned by BSNL for use by MoUD / concerned ULB and other related entities within 30 calendar days of go-live of the first instance of implementation of this service at a ULB. Such provision shall be done on a no-cost basis. The functional requirements of this central portal would be mutually agreed between MoUD and BSNL.

### 6) Role of City / ULB Admin:

- a) Populate master databases as required e.g. mapping of wards etc. using Excel sheets/ GUI forms.
- b) Populate data of ULB staff, field workers, supervisors, solid waste management vehicle, drivers etc.
- c) Create hierarchy of incident escalation with timelines.
- d) Create user accounts of the ULB officials for accessing Portals and rights of use of mobile apps.
- e) Will be able to reset / Change Password etc. of users under own department.
- f) View City Dashboards and reports.
- g) View SMS Usage reports.
- h) Can Broadcast bulk SMS to the target users, staff etc.

### 7) Role of Super Admin at the national level.

The following facilities shall be provided by the system to super admin (rights to be given as requested by MoUD):

- a) Top level administrator with all privileges.
- b) Can add/modify cities (Urban Local Bodies).
- c) Set events on which SMS/ Email shall be triggered.
- d) Add and manage new polls/ surveys.
- e) Send SMS/Email notifications to ULBs.
- f) View and delete logs.



\*\*\*\*\*



**Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project**

**ANNEXURE – I**

**AGREEMENT**

**BETWEEN**

**BHARAT SANCHAR NIGAM LIMITED**

**AND**

-----  
(NAME OF ULB OR NODAL AUTHORITY FOR A GROUP OF ULBS.)

**FOR**

**PROVIDING eSBM PLATFORM FOR SOLID WASTE MANAGEMENT IN**

-----  
(NAME OF ULB OR STATE)



## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

### **Agreement between BSNL and----- (Name of ULB/ Nodal Authority for a Group of ULBs) for providing eSBM Platform for Solid Waste Management in---- (Name of City/ Town/State) Urban Local Body/Bodies**

This agreement is signed on day of 2016 by and between ----- (Name of ULB / Nodal Authority for a group of smaller ULBs) (hereinafter called ----- which expression shall unless repugnant to the context include its successors in Government, business administrators and assigns or legal representative) of the FIRST PARTY"

AND

BHARAT SANCHAR NIGAM LIMITED, a Company registered under the Companies Act 1956 having its Registered Office at Bharat Sanchar Bhawan, Harish Chandra Mathur Lane, Janpath New Delhi-110001 (hereinafter called BSNL which expression shall, unless repugnant to the context includes its successor in business, administrators, liquidators and assigns or legal representatives) of the SECOND PARTY.

#### **Objective of the Agreement:**

BSNL and MoUD have signed an enabling MoU vide no. \_\_\_\_\_ dated: \_\_\_\_\_ whereby BSNL has been entrusted with the responsibility of providing eSBM platform for monitoring of Solid Waste Management at ULB level across the country. This agreement is for providing eSBM, an ICT Platform for enabling Solid Waste Management in..... (Name of ULB/State). Through this platform, a solution for tracking and monitoring of all the vehicles engaged in collection and transportation of solid waste on an exclusive basis will be provided by BSNL in..... (Name of ULB/ Group of ULBs in a state). Additional services such as monitoring of point to point solid waste collection through smart phone and citizen complaint management and its redressal through SMS, Web portal and Mobile Apps will be also provided by BSNL (at ULB's option) to supplement the solid waste management handling process more effectively.

#### **Now this Agreement witnesseth as follows:**

1. In consideration of the due observance & performance of all the terms and conditions mentioned in this agreement the Part-I to III and forming part of this agreement, BSNL and ..... (Name of ULB / Nodal Authority for a group of smaller ULBs) agree to sign this agreement for providing eSBM, an ICT Platform for enabling Solid Waste Management in Urban Local Body/Bodies.



## Annexure 4.5 -Memorandum of Understanding between MoUD & BSNL for GPS installation in Solid Waste Project

2. This Agreement shall remain in force till 1st October 2019 or till such date the Swachh Bharat Mission (Urban) is under implementation (whichever is earlier) from the date of this Agreement. This Agreement may be extended through mutual consent after the completion of the period on such terms as may be then mutually agreed.
3. .... (ULB/Nodal Authority of a group of ULBs in a state) and BSNL hereby agree and unequivocally undertake to fully comply with all the terms and conditions stipulated alongwith Part I to III and without any deviation or reservations of any kind, unless mutually agreed in writing between the Parties at any given time.
4. The laws of India as promulgated/modified/amended or replaced from time to time shall govern this agreement.
5. BSNL shall follow transparent contract/procurement policies and adhere to the contract /procurement rules as may be applicable from time to time.
6. This agreement shall not be amended or modified or altered or changed in any way except in writing and duly executed by the authorized representatives of each party.
7. This Agreement shall be subject to the jurisdiction of the courts at..... (Name of the City/Town).

In witness where of the parties hereto have caused this agreement to be executed through their representatives authorized on the --- day of 2016.

Representative of  
..... (Name of ULB/ Nodal Authority in a State)

Representative of  
.... (Name of BSNL Circle/ Unit)

In presence of:

1)

2)



## Annexure 4.6: Convergence Details



# SAHARANPUR- The Liveable Smart City

## Annexure 4.6 – Convergence Details: Underground Electric Wiring by PVVNL

Name of town: SAHARANPUR

Sl. No.	Item	Unit	Award ed Qty.	Rested Qty.	Progress of Work Done	Balance Work	Total per Unit Rate	Total Item (Rs.) As per Awarded
<b>A</b>	<b>33 kV Works</b>							
<b>A-1</b>	<b>33 kV Lines</b>							
1	33kV Line on 11 Mtr. STP (SP 55) with ACSR Dwg	km	34.8	7.082	3.05	4.03	1062807.64	3698793.75
8	33 kV Line on (3x300) sq mm. double circuit XLPE cable	km	0.21	4.257	1	3.26	10578033.62	2218875.06
12	Conversion of 33kV Overhead line to Underground 33 kV Line on (3x300) sqmm double circuit XLPE cable	km	15	1.762	0.7	1.06	10584779.09	158771686.36
1	5 to 10 MVA	No.	1	2	2	0.00	15899811.01	15899811.01
2	8 to 10 MVA	No.	7	1	1	0.00	15899811.01	47699433.03
1	33 KV VCB SCADA Compatible	No.	29	18	18	0.00	369710.32	10721896.17
2	11 KV VCB Switchgear Incoming (SCADA Compatible)	No.	0	23	22	1.00	566420.84	0.00
3	11 KV VCB Switchgear Outgoing (SCADA Compatible)	No.	0	33	47	6.00	480648.74	0.00
4	11 KV VCB Switchgear Bus coupler	No.	30	9	8	1.00	557435.85	17872792.57
10	Control panel 33 kV for double transformer (SCADA Compatible)	No.	0	8	8	0.00	299417.48	0.00
11	Control panel 33 kV for single feeder (SCADA Compatible)	No.	0	1	1	0.00	278458.62	0.00
13	33 kV Line isolator	No.	0	4	4	0.00	181334.26	0.00
14	33 kv bus isolator	No.	0	6	6	0.00	191334.26	0.00
15	33 kV CT (200/100/1 A)	No.	0	39	39	0.00	48772.72	0.00
21	Temp. indicator for Wdg. & Oil	LS	31	27	24	2.00	8870.24	274977.87
23	Battery Set	No.	0	9	9	0.00	333664.26	0.00
23	Cable Fault Locator HT	Job	1	2	0	2.00	56364.80	56364.80
24	Cable Fault Locator LT	Job	1	2	0	2.00	56364.80	56364.80
1	11kV New Line on 11 Mtr. STP (SP 55) with ACSR Dwg	Km.	6.89	8.59	7.5	1.09	1071867.56	7381185.48
3	11kV Underground Line on (3x300) sq. mm. XLPE Cable	Km.	0.00	8.73	5	4.73	9134797.47	0.00
1	Reconductoring of 11kV Feeders by ACSR Dwg	Km.	5.92	28.6	17.8	10.80	387223.89	2793365.41
5	Underground 11 kV line of 11 kV XLPE Cable of size 3x185 Square (in double circ.)	Km.	33.0	20.34	15.9	4.43	8382632.45	286362135.88
<b>B-4</b>	<b>11 kv Bay extension</b>							
1	400 KVA, 11/0.433kV Distribution Transformer S/S	No.	10	0	6	4.00	871054.32	8918543.24
		No.	0	46	46	0.00	1625488.78	0.00
2	250 KVA, 11/0.433kV Distribution Transformer S/S	No.	107	381	212	49.00	1180620.72	333882281.19
4	100 KVA, 11/0.433kV Distribution Transformer S/S	No.	198	133	116	17.00	502641.83	9923082.07
5	63 KVA, 11/0.433kV Distribution Transformer S/S	No.	12	2	3	0.00	448636.00	5382511.84
1	From 250 KVA to 63KVA	No.	8	5	4	1.00	383201.35	0.00
2	From 250KVA to 100KVA	No.	8	2	1	1.00	459959.81	0.00

Handwritten notes on the table:

- 33kv U/G Km
- 5/9car 15kv/11kv
- Page 399
- 1) 33kv U/G Cables
- 2) 11 kv U/G
- 3) Power T/F, Distribution T/F, capacity increase

## Annexure 4.6 – Convergence Details: Underground Electric Wiring by PVVNL

7	From 15 KVA to 100 KVA	No.	2	6	4	2.00	439159.81	879119.62
8	From 100 KVA to 250 KVA	No.	8	13	10	3.00	1122245.85	8977974.77
9	From 100 KVA to 250 KVA	No.	1	14	10	4.00	1122246.85	1122246.85
11	From 250 KVA to 400 KVA	No.	5	21	20	1.00	1467134.83	733574.41
2	7x(120+1x16+1x95 Sq. mm.	Km.	0	9.52	14	-4.48	1191342.19	0.00
2	1x(120+1x16+1x95 Sq. mm.	Km.	0	8.11	14	0.6	752448.63	0.00
5	Conversion of existing LT line into underground cable	Km.	0	8.11	14	0.6	752448.63	0.00
1	1.96 MVAr	kVA	23	2.77	1.4	1.37	5277901.20	131945005.11
2	1.98 MVAr	kVA	12	3	3	0.00	2572251.91	30067822.96
1	For 400 KVA	No.	5	47	62	5.00	3060857.61	39680294.51
2	For 250 KVA	No.	206	290	235	19.00	37122.57	15036.84
4	For 100 KVA	No.	200	141	105	36.00	33304.10	6833249.24
5	For 63 KVA	No.	12	10	5	9.00	36661.27	415935.29
1	Mobile service centre at 33/11 kv Sub Station	No.	8	2		2.00	2345293.97	18762340.68
a	Replacement of old used LT Lead cable of existing transformer 25 KVA	No.	71	26	4	22.00	9507.30	675018.64
b	Replacement of old used LT Lead cable of existing transformer 63 KVA	No.	112	20	15	15.00	62618.19	2618495.81
c	Replacement of old used LT Lead cable of existing transformer 100 KVA	No.	150	99	49	46.00	108722.88	7913237.77
d	Replacement of old used LT Lead cable of existing transformer 250 KVA	No.	494	207	389	7.00	45769.46	31764888.48
16	Additional Replacement of pole (STP- 11 Mts) (STP)	No.	332	34,900	4.5	127.00	17934.00	41463418.99
19	Additional Replacement of pole in LT line (PVC- 11 Mts) (STP)	No.	346	104	104	0.00	18911.88	698432.01
20	Guarding of 11 kV Line	No.	346	104	104	0.00	18911.88	698432.01
9	Repairing of Poles of transformer (250 kVA and above)	No.	346	104	104	0.00	18911.88	698432.01
	TOTAL	No.	346	104	104	0.00	18911.88	698432.01

Paschimanchal Vidhyut Vitran Nigam Ltd., Meerut

Tender Spec. No. PVVNL-MT/RAPDRP-R/1159/13-14

As on 05.02.2017

Name of Tenderer: M/s VIJAY ELECTRICALS LTD.

S. No.	Name of town:	Awarded cost (in Crores)	Revised Cost (in Crores)	Work Done (in Crores)	Balance Work (in Crores)	% of work done is per new revised BOQ	Target Actual Date	Target Completion Date	Remark
2	Saharanpur	150.70	109.27	84.45	24.82	77.29%	25-05-16	30-11-16	
	Total	150.70	109.27	84.45	24.82				

## Annexure 4.7- Documents of support land availability for various projects

**Annexure 4.7 No Objection Certificate by SMC by using the land of Jubilee Park for Underground Parking Facility**

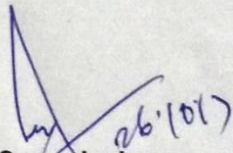
**Saharanpur Municipal Corporation,  
Saharanpur, Uttar Pradesh**

From,  
**Municipal Commissioner,  
Saharanpur Municipal Corporation,  
Uttar Pradesh**

26.10.2017

Sub.: Regarding Land availability & No Objection for Smart City Round 4 Proposal projects for Saharanpur City.

We acknowledge the land- Jubilee Park (area- 4,991 sqm) for Underground Parking is available & we have NO OBJECTION for Smart Cities projects and land utilization, as asked by consultant from **Darashaw & Company** for Smart City Round 4 proposal preparation of Saharanpur City.

  
**Municipal Commissioner,**

**Saharanpur Municipal Corporation,  
Saharanpur,  
Uttar Pradesh**

नगर आयुक्त  
नगर निगम, सहारनपुर

**Annexure 4.7 No Objection Certificate by SMC by using the land of Plot No 355 KHA at Dudhi Nagar for Mega Park Development**

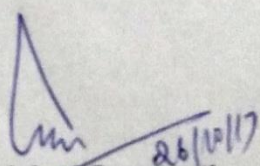
**Saharanpur Municipal Corporation,  
Saharanpur, Uttar Pradesh**

From,  
Municipal Commissioner,  
**Saharanpur Municipal Corporation,  
Uttar Pradesh**

26.10.2017

**Sub.: Regarding Land availability & No Objection for Smart City Round 4 Proposal projects for Saharanpur City.**

We acknowledge the land- **Plot No. 355 KHA(area- 1.34 hectare)** at Sadak Dudhli, Dehradun road for **MEGA PARK DEVELOPMENT** is available & we have **NO OBJECTION** for Smart Cities projects and land utilisation, as asked by consultant from **Darashaw & Company** for Smart City Round 4 proposal preparation of Saharanpur City.

  
**Saharanpur Municipal Corporation,  
Saharanpur,  
Uttar Pradesh** नगर आयुक्त  
नगर निगम,सहारनपुर

**Annexure 4.7 No Objection Certificate by SMC by using the land of Battarwala Vilage for Polythene Processing Plant & Waste to Compost plant**

**Saharanpur Municipal Corporation,**

**Saharanpur, Uttar Pradesh**

From,

Municipal Commissioner,

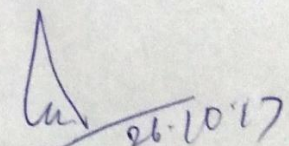
Saharanpur Municipal Corporation,

Uttar Pradesh

26.10.2017

Sub.: Regarding Land availability & No Objection for Smart City Round 4 Proposal projects for Saharanpur City.

We acknowledge the land- Battanwala, Dehradun road (area 5 hectare) for Polythene bags proecessing plant & Waste to Compost Plant is available & we have NO OBJECTION for Smart Cities projects and land utilization, as asked by consultant from Darashaw & Company for Smart City Round 4 proposal preparation of Saharanpur City.

  
26.10.17  
Municipal Commissioner,

Saharanpur Municipal Corporation,  
Saharanpur, नगर निगम, सहारनपुर  
Uttar Pradesh

## Annexure 4.7 –Purchasing of Land for Solid Waste Disposal

संख्या : 4520 / नौ-8-2017-153ज / 2017

प्रेषक,  
राजीव कुमार,  
मुख्य सचिव,  
उत्तर प्रदेश शासन।

सेवा में,  
1- समस्त मण्डलायुक्त, उ०प्र०।  
2- समस्त जिलाधिकारी, उ०प्र०।  
3- निदेशक, स्थानीय निकाय, उ०प्र० लखनऊ।

नगर विकास अनुभाग-8 लखनऊ : दिनांक : 10 अक्टूबर, 2017

विषय : ठोस अपशिष्ट प्रबंधन हेतु प्रदेश के नागर निकायों में भूमि की व्यवस्था किये जाने के संबंध में।

महोदय,

प्रदेश में कुल जनसंख्या की लगभग 22 प्रतिशत जनसंख्या शहरी क्षेत्रों में निवास करती है। नगरीय क्षेत्रों की जनसंख्या में दिन-प्रतिदिन हो रही वृद्धि के कारण शहरों में अवस्थापना सुविधाओं का अत्यधिक दबाव है, जिसमें से ठोस अपशिष्ट पदार्थ का प्रबंधन नागर निकाय की मुख्य समस्या है। भारत सरकार के पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय की अधिसूचना दिनांक 08.04.2016 द्वारा निर्गत ठोस अपशिष्ट प्रबंधन नियम-2016 के नियम-11 व 12 में नगर विकास विभाग व जिला मजिस्ट्रेट/जिलाधिकारी के कर्तव्य निर्धारित किये गये हैं, जिसमें यह उल्लिखित है कि इन नियमों की अधिसूचना की तारीख से एक वर्ष के भीतर जिले में स्थानीय निकायों को ठोस अपशिष्ट प्रसंस्करण तथा निपटान सुविधाओं की स्थापना करने के लिए नियम-11 के खण्ड (च) के अनुसार उपयुक्त भूमि की पहचान तथा आवंटन एवं इसे मास्टर प्लान/भूमि उपयोग योजना में शामिल करना होगा।

2- भूमि का चिन्हांकन भारत सरकार के पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय की अधिसूचना दिनांक 08.04.2016 की अनुसूची-1 (नियम-15(ब), (यज्ञ), 16(1) (ख)(ड), 16(4) में दी गयी व्यवस्था एवं जनसामान्य के स्वास्थ्य, पर्यावरण, पेयजल की शुद्धता एवं प्रदूषण के मानकों को ध्यान में रखकर की जायेगी जैसे-चयनित भूमि नदी से 100 मीटर, तालाब से 200 मीटर, राजमार्गों, आवास स्थलों, सार्वजनिक उद्यानों और जल आपूर्ति स्रोतों से 200 मीटर तथा विमान पतनों या हवाई अड्डों से 20 किलोमीटर की दूरी पर स्थित होनी चाहिए।

3- वर्तमान में प्रदेश में कुल 653 नागर निकाय हैं, जिनमें 16 नगर निगम, 199 नगर पालिका परिषद एवं 438 नगर पंचायत हैं। अधिकांश नागर निकायों में ठोस अपशिष्ट प्रबंधन के लिए पर्याप्त भूमि की उपलब्धता न होने के कारण ठोस अपशिष्ट प्रबंधन एक विकट समस्या बनी हुई है।

## Annexure 4.7 –Purchasing of Land for Solid Waste Disposal

4- राजस्व विभाग अनुभाग-13 के शासनादेश संख्या-2/2015/215/एक-13-2015-20(48)/2011, दिनांक 19 मार्च, 2015 के प्रस्तर-2 में राजकीय विभागों, स्वायत्तशासी निकायों, विकास प्राधिकरणों एवं औद्योगिक प्राधिकरणों, विभिन्न विभागों के प्रशासनिक नियंत्रण में गठित परिषदों एवं प्रदेश में कार्यान्वित होने वाली पब्लिक प्राइवेट भागीदारी परियोजनाओं आदि के लिए भू-स्वामियों से शीघ्र भूमि कय किये जाने हेतु प्रक्रिया निर्धारित करते हुए उक्त शासनादेश के प्रस्तर-3 में लघु परियोजनाओं हेतु "जिला (लघु परियोजना) कय की दर तथा कुल भूमि मूल्य अनुमोदन समिति" तथा प्रस्तर-4 में "जिला (मध्यम एवं वृहद परियोजना) कय की दर तथा कुल भूमि मूल्य अनुमोदन समिति" का गठन किया गया है। तदनुसार नगर विकास विभाग द्वारा प्रदेश की नागर निकायों में जोस अपशिष्ट प्रबंधन हेतु भूमि की निःशुल्क उपलब्धता न होने की स्थिति में भू-स्वामियों/कृषकों से आपसी सहमति के आधार पर भूमि कय करने हेतु निम्नवत दो समितियों का गठन किया जाता है:-

(क) लघु परियोजनाओं हेतु-"जिला (लघु परियोजना) कय की दर तथा कुल भूमि मूल्य अनुमोदन समिति"

(लागत ₹0 10 करोड़ तक)

1	अपर जिलाधिकारी (वि०रा०)	अध्यक्ष
2	संबंधित अपर जिलाधिकारी (भू०अ०)/विशेष भूमि अध्याप्ति अधिकारी/उप भूमि अध्याप्ति अधिकारी	सदस्य
3	संबंधित उप जिलाधिकारी	सदस्य
4	संबंधित सब रजिस्ट्रार/उप महानिरीक्षक स्टैम्प एवं निबंधन/सहायक महानिरीक्षक स्टैम्प एवं निबंधन	सदस्य
5	नगर आयुक्त/अधिशासी अधिकारी	सदस्य सचिव

(ख) मध्यम एवं वृहद परियोजनाओं हेतु-"जिला (मध्यम एवं वृहद परियोजना) कय की दर तथा कुल भूमि मूल्य अनुमोदन समिति"

(लागत ₹0 10 करोड़ से अधिक)

1	जिलाधिकारी	अध्यक्ष
2	संबंधित अपर जिलाधिकारी (भू०अ०)/विशेष भूमि अध्याप्ति अधिकारी/उप भूमि अध्याप्ति अधिकारी	सदस्य
3	संबंधित उप जिलाधिकारी	सदस्य
4	संबंधित सब रजिस्ट्रार/उप महानिरीक्षक स्टैम्प एवं निबंधन/सहायक महानिरीक्षक स्टैम्प एवं निबंधन	सदस्य
5	नगर आयुक्त/अधिशासी अधिकारी	सदस्य सचिव

5- लघु परियोजनाओं एवं मध्यम एवं वृहद परियोजनाओं हेतु राजस्व विभाग अनुभाग-13 के शासनादेश संख्या-2/2015/215/एक-13-2015-20(48)/2011, दिनांक 19 मार्च, 2015 में उल्लिखित अन्य व्यवस्थाएं यथावत रहेंगी।

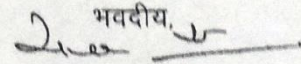


## Annexure 4.7 –Purchasing of Land for Solid Waste Disposal

6- समिति द्वारा ठोस अपशिष्ट प्रबंधन हेतु नगर निगमों में 02 स्थल शहर की अलग-अलग दिशा में व नगर पालिका एवं नगर पंचायत हेतु 01 स्थल का चिन्हांकन/चयन किया जायेगा। महानगरों में ठोस अपशिष्ट प्रबंधन का एक ही स्थल होने की दशा में कतिपय क्षेत्रों के संग्रहित अपशिष्ट को शहर से गुजरते हुए ठोस अपशिष्ट प्रबंधन स्थल तक पहुँचाना पड़ता है, जिसमें न सिर्फ अधिक व्यय होता है, बल्कि असुविधा भी होती है।

7- कय की जाने वाली भूमि नागर निकाय के पक्ष में कय की जायेगी एवं इसका वित्त पोषण राज्य वित्त आयोग, 14वें वित्त आयोग/अवस्थापना विकास निधि/स्टाम्प शुल्क के अन्तर्गत 2 प्रतिशत धनराशि/नागर निकाय निधि में उपलब्ध धनराशि से किया जायेगा।

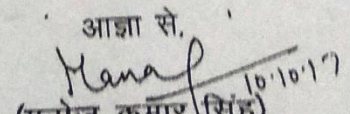
8- कृपया उपर्युक्त आदेशों का कड़ाई से अनुपालन सुनिश्चित कराने का कष्ट करें।

भवदीय,  
  
(राजीव कुमार)  
मुख्य सचिव  
✓

संख्या एवं दिनांक तदैव।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

- 1- अवस्थापना एवं औद्योगिक विकास आयुक्त, उ0प्र0 शासन।
- 2- प्रमुख सचिव, आवास एवं शहरी नियोजन विभाग, उ0प्र0 शासन।
- 3- महालेखाकार उ0प्र0 इलाहाबाद।
- 4- निजी सचिव, मा0 मंत्री जी/मा0 राज्य मंत्री जी, नगर विकास विभाग
- 5- समस्त नगर आयुक्त, नगर निगम, उ0प्र0।
- 6- समस्त अधिशासी अधिकारी, नगर पालिका/नगर पंचायत, उ0प्र0।
- 7- समस्त मुख्य कोषाधिकारी/कोषाधिकारी, उ0प्र0।
- 8- निदेशक, सूचना एवं जनसम्पर्क विभाग, उ0प्र0 लखनऊ।
- 9- नगर विकास विभाग के समस्त अनुभाग।
- 10- गार्ड फाइल/कम्प्यूटर सेल को विभागीय वेबसाइट पर अपलोड किये जाने हेतु।

आज्ञा से,  
  
(मनोज कुमार सिंह)  
प्रमुख सचिव  
✓

# Annexure 4.8- Documents to support Fall Back Plan

**Annexure 4.8 Details of Land under SMC to use for revenue generation for Fall Back Plan**

NET ASSETS VALUATION OF  
SAHARANPUR MUNICIPAL CORPORATION, SAHARANPUR

SN	Item Details	Number of Items	Area	Averaged Circle Rate	Approximate Valuations as per Circle Rate
1	Municipal Land	116	31.52 hectares	1 Crore per Hectare	Rs 31.52 Crores
2	Build up Houses on rent	550	82500 sqm land, 55000 sqm buil up area	10000 per sqm land and 5000 per sqm building	Rs 110 Crores
3	Build up Shops on rent	550	5500 sqm	30000 per sqm	Rs 16 Crores
4	Janmanch Auditorium	1	1 hectare land,	50000 persqm , Building Rs 5 Crore	Rs 55 Crores
5	Tube Wells, OHT's	111,11	55500 sqm land, 444 sqm build up area	5 Lakhs per tubewell	Rs 55 Crores
6	Pinjarapole Land	1	2 Hectares	25000 per sqm	Rs 25 Crores
<b>Total Net Worth of Nagar Nigam, Saharanpur</b>					<b>Rs 292.52 Crores</b>



**Annexure 4.8 Details of Land under SMC to use for revenue generation for Fall Back Plan**

NET ASSETS VALUATION OF  
SAHARANPUR MUNICIPAL CORPORATION, SAHARANPUR

SN	Item Details	Number of Items	Area	Averaged Circle Rate	Approximate Valuations as per Circle Rate
1	Municipal Land	116	31.52 hectares	1 Crore per Hectare	Rs 31.52 Crores
2	Build up Houses on rent	550	82500 sqm land, 55000 sqm buil up area	10000 per sqm land and 5000 per sqm building	Rs 110 Crores
3	Build up Shops on rent	550	5500 sqm	30000 per sqm	Rs 16 Crores
4	Janmanch Auditorium	1	1 hectare land,	50000 persqm , Building Rs 5 Crore	Rs 55 Crores
5	Tube Wells, OHT's	111,11	55500 sqm land, 444 sqm build up area	5 Lakhs per tubewell	Rs 55 Crores
6	Pinjarapole Land	1	2 Hectares	25000 per sqm	Rs 25 Crores
<b>Total Net Worth of Nagar Nigam, Saharanpur</b>					<b>Rs 292.52 Crores</b>



# Annexure 4.9- Citizen Enganement Snapshots

**Annexure 4.9 Details of Citizen Engagement & Area Condition**



## Annexure 4.9 Details of Citizen Engagement & Area Condition



## Annexure 4.9 Details of Citizen Engagement & Area Condition



**Women Elite Section  
01.11.2015**



### Smart City online Poll Results

#### Smart City Development Vision Statements

Promoting local art and Skill, engaging citizens in smart development enabled by technology in city governance and management	66%
Engaging Citizens as Co-partners in Smart City Development	18%
Developing Saharanpur, in its containments and attainments, as Smart City	16%

#### Vote for Pan City Proposals

Intelligent Traffic Management System supported by CCTV Surveillance	41%
Under Ground Power Supply System	24%
Technology enabled Education and Health solutions	19%
E-Governance	8%
Integrated Smart Public Transport System	8%

#### Vote for Area Based Projects

Site No. 1 - South, Mill road, East Railway colony & Deini road, Drain in North of Denradun Road	61%
Site No. 2 - South Drain, East Paondhoi, North West old municipal boundary	20%
Site No. 3- East Dhamola, North old Municipal Boundary, west Paondhoi	20%

#### Vote For Greenfield Project

Site No. 1 - On Delhi road closer to village Chuheti Gadda	57%
Site No. 2 - On both sides of Malhipur-Badgaon road	20%
Site No.3 - On both sides of Janta Road	23%



## Annexure 4.9 Details of Citizen Engagement & Area Condition

### House to House Consultation and Information Collection



### Redevelopment and Retrofitting to Improve Quality of Life of Urban Poor



## Annexure 4.10- Revenue Plan

## Annexure 4.10 Revenue Plan: Smart City Project

### Item wise calculation of Revenues

Colour Coding Used	
Data	123
Assumption	123
Formula driven (calculated) value	123

### Project - Facilitation Charge from Common Facility Centre and Export Promotion Centre

Estimated Turnover of Wood Carving activity from Saharanpur district in 2016-17 (Rs. crore)	400
Assumed YoY growth in turnover	8.0%
SPV Facilitation Charge	3.0%

Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
% use of artisans routed through CFC	0%	0%	0%	40%	50%	60%	70%	75%	80%	85%	90%
Projected Turnover (Rs. crore)	400.00	432.00	466.56	503.88	544.20	587.73	634.75	685.53	740.37	799.60	863.57
Projected Sales	0.00	0.00	0.00	201.55	272.10	352.64	444.32	514.15	592.30	679.66	777.21
Revenues accruing from CFC to SPV (Rs. crore)	0.00	0.00	0.00	6.05	8.16	10.58	13.33	15.42	17.77	20.39	23.32

### Project - Polythene bags processing plant

Estimated Turnover of Polythene bags processing plant (Rs. crore)	2
Assumed YoY growth in turnover	6.0%
Share of Polythene bags processing plant Revenue	50.0%

Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Demand of Facility	0%	0%	30%	50%	70%	80%	85%	90%	90%	90%	90%
Projected Turnover (Rs. crore)	0.00	0.00	2.00	2.16	2.33	2.52	2.72	2.94	3.17	3.43	3.70
Projected Sales	0.00	0.00	0.60	1.08	1.63	2.02	2.31	2.64	2.86	3.08	3.33
Revenues accruing from CFC to SPV (Rs. crore)	0.00	0.00	0.30	0.54	0.82	1.01	1.16	1.32	1.43	1.54	1.67

### Project - Revenue share from Solar Panels (ABD)

Total Area Covered By Solar Panels (sq ft)	1261167
Area required for 1 Kw peak power capacity	150 sq ft
Total solar power capacity installed (in Kw)	8408
Solar irradiation for Saharanpur Annual Average: (kWh/m <sup>2</sup> /day)	5.33
As per the PVSYST and Solar Irradiation data the generation per Kw capacity (Kwh/day)	4.25
Total Nos. Of Units Generated Per Day as per the installed capacity	35733
Yield Factor Considered	70%
Total Nos. of Units Generated Per Day Considering Yield Factor	25013

Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Cumulative Percentage of Total Area Installed	0%	0%	40%	70%	100%	100%	100%	100%	100%	100%	100%
Realisation per Kw fed into grid (Rs)	6										

## Annexure 4.10 Revenue Plan: Smart City Project

### Item wise calculation of Revenues

Colour Coding Used											
Data	123										
Assumption	123										
Formula driven (calculated) value	123										
Revenue share of SPV	70%										
Projected generation (Kwh) per year	0	0	1825960	5021389	7760328	9129798	9129798	9129798	9129798	9129798	9129798
Revenue Share from Solar Panels accruing to SPV (Rs. crore)	0.00	0.00	0.77	2.11	3.26	3.83	3.83	3.83	3.83	3.83	3.83

### Project - Revenue from Park & Pond Rejuvenation development and Urban Forestry

Annual Footfall assumed after the development of the facility	130000										
Increase in annual footfall	12%										
User fee for using the facilities (In Rs.)	15										
Annual Increase in User charge	10%										
Revenue Share of SPV	40%										
<b>Year ending March 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Annual Footfall for Park & Pond Rejuvenation	0	145600	163072	182641	204558	229104	256597	287389	321875	360500	403760
Revenue collection	0.00	0.22	0.24	0.26	0.29	0.32	0.35	0.39	0.43	0.47	0.51
Revenue Share from Park & Pond Rejuvenation development accruing to SPV (Rs. crore)	0.00	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.19	0.21

### Project - Property Tax collection due to GIS Based Mapping

Property Tax Demand in 2016-17 (Rs. crore)	5.30										
YoY Increase in ARV	2%										
Share of Property Tax shared with SPV	30%										
<b>Year ending March 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Property Tax Demand from ABD Area (Rs. crore)	5.30	5.41	5.51	5.62	5.74	5.85	5.97	6.09	6.21	6.33	6.46
Assumed Collection Efficiency	45%	50%	55%	65%	80%	90%	95%	95%	95%	95%	95%
Property Tax Collection from ABD Area (Rs. crore)	2.39	2.70	3.03	3.66	4.59	5.27	5.67	5.78	5.90	6.02	6.14
Share of Property Tax accruing to SPV (Rs. crore)	0.00	0.00	0.91	1.10	1.38	1.58	1.70	1.74	1.77	1.81	1.84

### Project - Advertisement on Street Light Poles

Number of Street light poles with hoardings	12500										
Annual Advertisement charges per month	18000										
Increase in Annual Advertisement	3%										
Share of Advertisement Revenue to SPV	30%										
<b>Year ending March 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Annual Advertising Revenues from Street Light Poles	0.00	22.50	23.18	23.87	24.59	25.32	26.08	26.87	27.67	28.50	29.36
Assumed Utilization of Advertisement Boards	30%	45%	60%	70%	80%	90%	95%	95%	95%	95%	95%
Total Advertising revenues accruing by Street Lightning Poles (Rs. crore)	0.00	10.13	13.91	16.71	19.67	22.79	24.78	25.52	26.29	27.08	27.89

## Annexure 4.10 Revenue Plan: Smart City Project

### Item wise calculation of Revenues

Colour Coding Used												
Data	123											
Assumption	123											
Formula driven (calculated) value	123											
Advertising revenues accruing to SPV		0	3.04	4.17	5.01	5.90	6.84	7.43	7.66	7.89	8.12	8.37

### Project - Share of water tax revenue

Water Tax Demand in 2016-17 (Rs. crore)	2.00											
YoY Increase in ARV	3%											
Share of Water Tax shared with SPV	25%											
<b>Year ending March 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	
Water Tax Demand from ABD Area (Rs. crore)	2.00	2.06	2.12	2.19	2.25	2.32	2.39	2.46	2.53	2.61	2.69	
Assumed Collection Efficiency	45%	50%	60%	75%	90%	95%	95%	95%	95%	95%	95%	
Water Tax Collection from ABD Area (Rs. crore)	0.90	1.03	1.27	1.64	2.03	2.20	2.27	2.34	2.41	2.48	2.55	
Share of Water Tax accruing to SPV (Rs. crore)	0.00	0.00	0.32	0.41	0.51	0.55	0.57	0.58	0.60	0.62	0.64	

### Project - Share of Power charges revenue

Power Bill Demand from ABD In 2016-17 (Rs. crore)	30.00											
YoY Increase in ARV	5%											
Share of Electricity Charges with SPV	8%											
<b>Year ending March 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	
Power Bill Demand from ABD Area (Rs. crore)	30.00	31.50	33.08	34.73	36.47	38.29	40.20	42.21	44.32	46.54	48.87	
Assumed Collection Efficiency	45%	50%	60%	75%	90%	95%	95%	95%	95%	95%	95%	
Power Bills Collection from ABD Area (Rs. crore)	13.50	15.75	19.85	26.05	32.82	36.37	38.19	40.10	42.11	44.21	46.42	
Share of Power Bills Tax accruing to SPV (Rs. crore)	0.00	0.00	1.59	2.08	2.63	2.91	3.06	3.21	3.37	3.54	3.71	

## Annexure 4.10 Revenue Plan: PPP Project

### Estimated Revenue from PPP Projects

#### Colour Coding Used

Data	123
Assumption	123
Formula driven (calculated) value	123

#### PPP Project 1: Development of cold storage & food processing unit at Mandi Samiti

Total Storage in Cold Storage (Tonnes)	7000											
Increase in Storage	18%											
Storage Cost per Tonn (Rs)	15000											
Assumed Increase in storage cost	20%											
<b>Year ending March 31st,</b>		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Construction Cost		0.00	20.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Up-Front Payment to SPV (Revenue Share)		0.00	0.00	28.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00
Annual storage (In Tonn)		0.00	0.00	0	7000	8260	9746.8	11501.2	13571	16014	18896.9	22298.3
Assumed Receipt of Storage Proceeds		0.00	0.00	0.00	7.50	9.00	10.80	12.96	15.55	18.66	22.39	26.87
Net Cash Flows for PPP Developer		0.00	0.00	-28.00	7.50	9.00	6.80	12.96	15.55	18.66	22.39	26.87
PPP Share Developer (Rs. crore)		0%	0%	0%	65%	65%	65%	65%	65%	65%	65%	65%
SPV Share		0%	0%	0%	35%	35%	35%	35%	35%	35%	35%	35%
PPP Share Developer (Rs. crore)		0	0.00	-28.00	4.875	5.85	4.42	8.42	10.11	12.13	14.56	17.47
SPV Share		0.00	0.00	0.00	2.63	3.15	2.38	4.54	5.44	6.53	7.84	9.41
IRR for PPP Developer (Pre-Tax)												
Post-Tax IRR as % of Pre-Tax IRR	0.70											
IRR for PPP Developer (Post-Tax)												

#### PPP Project 2: Development of Commercial Shopping & Office Complex

Total Built-up Area (sq m)	20000											
Construction Cost per sq m	100000											
Assumed Selling Cost per sq m of built-up area	30000											
<b>Year ending March 31st,</b>		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Assumed Phasing of Construction Cost		0%	10%	85%	5%	0%	0%	0%	0%	0%	0%	0%
Assumed Receipt of Sales Proceeds		0%	0%	0%	50%	40%	10%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr)</b>												
<b>Year ending March 31st,</b>		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Construction Cost		0.00	20.00	170.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Up-Front Payment to SPV (Revenue Share)		0%	0%	0%	25%	25%	25%	25%	25%	25%	25%	25%
Sales Proceeds		0.00	0.00	0.00	150.00	120.00	30.00	0.00	0.00	0.00	0.00	0.00
Cash Flows for PPP Developer		0.00	-20.00	-190.00	-50.00	70.00	100.00	100.00	100.00	100.00	100.00	100.00
SPV share (Rs. Cr.)		0.00	0.00	0.00	0.00	17.50	25.00	25.00	25.00	25.00	25.00	25.00
Net Cash Flows for PPP Developer		0.00	-20.00	-190.00	-50.00	52.50	75.00	75.00	75.00	75.00	75.00	75.00
IRR for PPP Developer (Pre-Tax)												
Post-Tax IRR as % of Pre-Tax IRR	70%											
IRR for PPP Developer (Post-Tax)												

#### PPP Project 3: Development of Solar based Smart Public Toilets

**Annexure 4.10 Revenue Plan: PPP Project**

**Estimated Revenue from PPP Projects**

<b>Colour Coding Used</b>												
Data	123											
Assumption	123											
Formula driven (calculated) value	123											
Assumed total footfall (Assuming 20% city population persons will use toilet facility) (In Lakh)	0.8											
Annual Income from Smart Public Toilets by assuming average charge of Rs.1 per day) (In Cr.)	2.92											
YoY Increase	10%											
Cost of Development (Rs. Cr.)	7											
Share of SPV	45%											
<b>Year ending Maroh 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	
Phasing of Smart Public Toilets Development	0%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	
<b>Projected Cash Flows for PPP Developer (Rs. Cr.)</b>												
<b>Year ending Maroh 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	
Development Cost (Rs. Cr.)	0.00	3.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Annual Income from Smart Public Toilets (Rs. Cr.)	0.00	1.00	2.00	2.92	3.21	3.53	3.89	4.28	4.70	5.17	5.69	
Cash Flows for PPP Developer (Rs. Cr.)	0.00	-2.50	-1.50	2.92	3.21	3.53	3.89	4.28	4.70	5.17	5.69	
SPV share (Rs. Cr.)	0.00	0.00	0.00	1.31	1.45	1.59	1.75	1.92	2.12	2.33	2.56	
Net Cash Flows for PPP Developer (Rs. Cr.)	0.00	-6.00	-5.00	1.61	1.77	1.94	2.14	2.35	2.59	2.85	3.13	
IRR for PPP Developer (Pre-Tax)	10%											
Post-Tax IRR as % of Pre-Tax IRR	0.70											
IRR for PPP Developer (Post-Tax)	7%											

<b>PPP Project 4: Development of Solar based Fresh Drinking water kiosks</b>												
Assumed total water consumption (30% of city population;120000*per person consumption;2Litre) (Litre)	240000											
Annual Income from Fresh Drinking water kiosks (Assuming Rs. 1/Litre) (In Cr.) (Assuming sale of 100000 Lt per day)	2.5											
YoY Increase	3%											
Cost of Development (Rs. Cr.)	5.2											
Share of SPV	40%											
<b>Year ending Maroh 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	
Phasing of Fresh Drinking water kiosks Development	0%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	
<b>Projected Cash Flows for PPP Developer (Rs. Cr.)</b>												
<b>Year ending Maroh 31st,</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	
Development Cost (Rs. Cr.)	0.00	2.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Annual Income from Fresh Drinking water kiosks (Rs. Cr.)	0.00	0.80	1.50	2.50	2.58	2.65	2.73	2.81	2.90	2.99	3.07	
Cash Flows for PPP Developer (Rs. Cr.)	0.00	-1.80	-1.10	2.50	2.58	2.65	2.73	2.81	2.90	2.99	3.07	
SPV share (Rs. Cr.)	0	0.00	0.00	1.00	1.03	1.06	1.09	1.13	1.16	1.19	1.23	
Net Cash Flows for PPP Developer (Rs. Cr.)	0.00	-4.40	-3.70	1.50	1.55	1.59	1.64	1.69	1.74	1.79	1.84	
IRR for PPP Developer (Pre-Tax)	11%											
Post-Tax IRR as % of Pre-Tax IRR	0.70											
IRR for PPP Developer (Post-Tax)	7%											

**PPP Project 5: Bio Compost at Sabzi mandi and wood carving area**

## Annexure 4.10 Revenue Plan: PPP Project

### Estimated Revenue from PPP Projects

#### Colour Coding Used

Data	123
Assumption	123
Formula driven (calculated) value	123
Assumed total compost generation (15% of vegetable waste & Wood waste (5000Tonn of Vegetable*20% for waste+3500Tonn*20% for Waste (In Tonn)	1600
Annual Income from Bio Waste (Assuming Rs. 10000/tonn) (In Cr.)	1.28
YoY Increase	5%
Cost of Development (Rs. Cr.)	1.2
Share of SPV	80%

Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Bio Compost Development	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr)</b>											
Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income from Bio Compost (Rs. Cr.)	0.00	0.00	0.80	1.10	1.28	1.34	1.41	1.48	1.56	1.63	1.72
Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	-0.40	1.10	1.28	1.34	1.41	1.48	1.56	1.63	1.72
SPV share (Rs. Cr.)	0.00	0.00	0.00	0.88	1.02	1.08	1.13	1.19	1.24	1.31	1.37
Net Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	-1.60	0.22	0.26	0.27	0.28	0.30	0.31	0.33	0.34
IRR for PPP Developer (Pre-Tax)	8%										
Post-Tax IRR as % of Pre-Tax IRR	0.70										
IRR for PPP Developer (Post-Tax)	6%										

#### PPP Project 6: Waste to Compost Plant at village Baffanwala, Dehradun Road

Assumed total Waste generated from the city (Assuming 0.4 Kg per day per person) (In Tonn)	1533
Assumed collection of waste for compost plant (In Tonn)	1073.1
Annual Income from Waste (In Cr.)	1.6097
YoY Increase	5%
Cost of Development (Rs. Cr.)	10
Share of SPV	15%

Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Waste to Compost Plant Development	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr)</b>											
Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income from Waste to Compost Plant (Rs. Cr.)	0.00	0.00	0.70	1.30	1.61	1.69	1.77	1.86	1.96	2.05	2.16
Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	0.70	1.30	1.61	1.69	1.77	1.86	1.96	2.05	2.16
SPV share (Rs. Cr.)	0.00	0.00	0.00	0.20	0.24	0.25	0.27	0.28	0.29	0.31	0.32
Net Cash Flows for PPP Developer (Rs. Cr.)	0.00	-10.00	0.70	1.11	1.37	1.44	1.51	1.58	1.66	1.75	1.83
IRR for PPP Developer (Pre-Tax)	5%										
Post-Tax IRR as % of Pre-Tax IRR	0.70										
IRR for PPP Developer (Post-Tax)	3%										



## Annexure 4.10 Revenue Plan: PPP Project

### Estimated Revenue from PPP Projects

#### Colour Coding Used

Data	123
Assumption	123
Formula driven (calculated) value	123

#### PPP Project 7: Smart ON & OFF street Parking along Railway station Road, Mandi Samiti Road and Over Paodhol River by covering the river

Assumed total parking space available by On & Off Street parking infrastructure development (In EC3)	2500											
Annual Income from Parking Infrastructure by assuming average charge of Rs. 8 per Hr and use of 5 hr per day) (In Cr.)	3.75											
YoY Increase	15%											
Cost of Development (Rs. Cr.)	9											
Share of SPV	40%											
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Parking Infrastructure Development		0%	25%	75%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr.)</b>												
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)		0.00	2.25	6.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income Demand from Parking infrastructure (Rs. Cr.)		0.00	0.00	2.00	4.00	3.75	4.31	4.96	5.70	6.56	7.54	8.67
Occupancy		0.00	40%	50%	60%	70%	80%	85%	90%	90%	95%	95%
Annual Income from Parking Infrastructure (Rs. Cr.)		0.00	0.00	1.00	2.40	2.63	3.45	4.22	5.13	5.90	7.17	8.24
Cash Flows for PPP Developer (Rs. Cr.)		0.00	-2.25	-5.75	2.40	2.63	3.45	4.22	5.13	5.90	7.17	8.24
SPV share (Rs. Cr.)		0	0.00	0.00	0.96	1.05	1.38	1.69	2.05	2.36	2.87	3.30
Net Cash Flows for PPP Developer (Rs. Cr.)		0.00	-2.25	-5.75	1.44	1.58	2.07	2.53	3.08	3.54	4.30	4.94
IRR for PPP Developer (Pre-Tax)	23%											
Post-Tax IRR as % of Pre-Tax IRR	0.70											
IRR for PPP Developer (Post-Tax)	16%											

#### PPP Project 8: Smart Underground & Multilevel parking at Jubilee Park & Old Bus Stand

Assumed total parking space available by Multilevel, On & Off Street parking infrastructure development (In EC3)	2500											
Annual Income from Parking Infrastructure by assuming average charge of Rs. 10 per Hr and use of 5 hr per day) (In Cr.)	3.07											
YoY Increase	10%											
Cost of Development (Rs. Cr.)	20											
Share of SPV	5%											
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Parking Infrastructure Development		0%	20%	60%	5%	0%	0%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr.)</b>												
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)		0.00	4.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income Demand from Parking infrastructure (Rs. Cr.)		0.00	0.00	1.50	3.07	3.38	3.72	4.09	4.50	4.95	5.44	5.99
Occupancy		0.00	0%	60%	70%	80%	90%	95%	95%	90%	95%	95%
Annual Income from Parking Infrastructure (Rs. Cr.)		0.00	0.00	0.90	2.15	2.70	3.35	3.88	4.27	4.45	5.17	5.69
Cash Flows for PPP Developer (Rs. Cr.)		0.00	0.00	-15.10	2.15	2.70	3.35	3.88	4.27	4.45	5.17	5.69
SPV share (Rs. Cr.)		0	0.00	0.05	0.11	0.14	0.17	0.19	0.21	0.22	0.26	0.28
Net Cash Flows for PPP Developer (Rs. Cr.)		0.00	-4.00	-15.15	2.04	2.57	3.18	3.69	4.06	4.23	4.91	5.40

## Annexure 4.10 Revenue Plan: PPP Project

### Estimated Revenue from PPP Projects

Estimated Revenue from PPP Projects												
<b>Colour Coding Used</b>												
Data	123											
Assumption	123											
Formula driven (calculated) value	123											
IRR for PPP Developer (Pre-Tax)		9%										
Post-Tax IRR as % of Pre-Tax IRR	0.70											
IRR for PPP Developer (Post-Tax)		6%										
<b>PPP Project 9: Vending zone development in ABD area (Identified 25 locations by SMC)</b>												
Nos of Vending Zones Identified	30											
Total Nos of Vending shops	1500											
Annual Income (In Cr.)	12000											
YoY Increase	5%											
Cost of Development (Rs. Cr.)	5.6											
Share of SPV	10%											
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Vending zones development		0%	60%	40%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr)</b>												
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)		0.00	3.36	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income from Vending zones development (Rs. Cr.)		0.00	0.00	0.70	1.00	1.20	1.26	1.32	1.39	1.46	1.53	1.61
Cash Flows for PPP Developer (Rs. Cr.)		0.00	0.00	-1.54	1.00	1.20	1.26	1.32	1.39	1.46	1.53	1.61
SPV share (Rs. Cr.)		0.00	0.00	0.07	0.10	0.12	0.13	0.13	0.14	0.15	0.15	0.16
Net Cash Flows for PPP Developer (Rs. Cr.)		0.00	-3.36	-3.85	0.90	1.08	1.13	1.19	1.25	1.31	1.38	1.45
IRR for PPP Developer (Pre-Tax)		6%										
Post-Tax IRR as % of Pre-Tax IRR	0.70											
IRR for PPP Developer (Post-Tax)		4%										
<b>PPP Project 10: Megapark Development</b>												
Assumed Annual Footfall in Megapark after Development	500000											
Annual Income from Megapark Development (In Cr.)	16.2000											
YoY Increase in demand of Megapark	15%											
Cost of Development of Megapark Development (Rs. Cr.)	65.1											
Share of SPV	5%											
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Megapark Development		0%	0%	60%	40%	0%	0%	0%	0%	0%	0%	0%
<b>Projected Cash Flows for PPP Developer (Rs. Cr)</b>												
Year ending March 31st,		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)		0.00	0.00	39.06	26.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income from Megapark Development (Rs. Cr.)		0.00	0.00	0.00	5.00	16.20	18.63	21.42	24.64	28.33	32.58	37.47
Cash Flows for PPP Developer (Rs. Cr.)		0.00	0.00	-39.06	-21.04	16.20	18.63	21.42	24.64	28.33	32.58	37.47
SPV share (Rs. Cr.)		0.00	0.00	0.00	0.00	0.81	0.93	1.07	1.23	1.42	1.63	1.87
Net Cash Flows for PPP Developer (Rs. Cr.)		0.00	0.00	-78.12	-47.08	15.39	17.70	20.35	23.41	26.92	30.95	35.60
IRR for PPP Developer (Pre-Tax)		6%										
Post-Tax IRR as % of Pre-Tax IRR	0.70											

## Annexure 4.10 Revenue Plan: PPP Project

### Estimated Revenue from PPP Projects

#### Colour Coding Used

Data	123
Assumption	123
Formula driven (calculated) value	123
IRR for PPP Developer (Post-Tax)	4%

#### PPP Project 11: Wi-fi Hotspots for Internet facility

Annual Income from Wi-fi Hotspots for Internet facility (Rs. Cr.)	12										
YoY Increase in demand of Wi-fi Hotspots for Internet facility	12%										
Cost of Development (Rs. Cr.)	40.00										
Share of SPV from Wifi Service Income	0.15										
Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Wi-fi Hotspots for Internet facility	0%	35%	65%	0%	0%	0%	0%	0%	0%	0%	0%
Projected Cash Flows for PPP Developer (Rs. Cr)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Year ending March 31st,	0.00	14.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Development Cost (Rs. Cr.)	0.00	2.00	8.00	12.00	14.16	16.71	19.72	23.27	27.45	32.39	38.23
Annual Income from Wi-fi Hotspots for Internet facility (Rs. Cr.)	0%	25%	30%	40%	60%	70%	80%	85%	90%	90%	95%
Assumed Demand	0.00	-13.50	-37.10	-32.30	-23.80	-12.11	3.67	23.44	48.15	77.30	113.62
Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	1.20	2.40	2.83	3.34	3.94	4.65	5.49	6.48	7.65
SPV share (Rs. Cr.)	0.00	-13.50	-38.30	-34.70	-26.64	-15.45	-0.28	18.79	42.66	70.82	105.97
Net Cash Flows for PPP Developer (Rs. Cr.)	10%										
IRR for PPP Developer (Pre-Tax)	0.70										
Post-Tax IRR as % of Pre-Tax IRR	7%										
IRR for PPP Developer (Post-Tax)											

#### PPP Project 12: Smart Digital Screen and Variable Sign Boards

Total Smart Digital Screen and Variable Sign Boards (Nos)	300										
Annual Income (Rs. Cr.)	3.5000										
YoY Increase	10%										
Cost of Development (Rs. Cr.)	19.0000										
Share of SPV from Digital Sign Boards	30%										
Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of Smart Digital Screen and Variable Sign Boards	0%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%
Projected Cash Flows for PPP Developer (Rs. Cr)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Year ending March 31st,	0.00	9.50	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Development Cost (Rs. Cr.)	0.00	1.50	2.50	3.50	3.85	4.24	4.66	5.12	5.64	6.20	6.82
Annual Income from Smart Digital Screen and Variable Sign Boards (Rs. Cr.)	0%	30%	50%	60%	70%	75%	80%	85%	90%	95%	95%
Assumed Demand Smart Digital Screen and Variable Sign Boards	0.00	-9.05	-8.25	2.10	2.70	3.18	3.73	4.36	5.07	5.89	6.48
Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	0.00	0.63	0.81	0.95	1.12	1.31	1.52	1.77	1.94
SPV share (Rs. Cr.)	0.00	-9.05	-8.25	1.47	1.89	2.22	2.61	3.05	3.55	4.12	4.54
Net Cash Flows for PPP Developer (Rs. Cr.)	5%										
IRR for PPP Developer (Pre-Tax)	70%										
Post-Tax IRR as % of Pre-Tax IRR	4%										
IRR for PPP Developer (Post-Tax)											

## Annexure 4.10 Revenue Plan: PPP Project

### Estimated Revenue from PPP Projects

Colour Coding Used

Data	123
Assumption	123
Formula driven (calculated) value	123

#### PPP Project 13: Strengthening existing based IPT Transit system using ICT Intervention

Annual Income from Strengthening existing based IPT Transit system using ICT Intervention (Assuming 100000 trips per day and average trip cost is Rs.10, and Rs. 10 per day for parking and Rs. 20 for charging E-Rickshaw per day) (Rs. Cr.)

80.0

YoY Increase

5%

Cost of Development (Rs. Cr.)

16

Share of SPV for facilitating IPT Transit system

30%

Year ending March 31st,

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phasing of facilitating IPT Transit system	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%

#### Projected Cash Flows for PPP Developer (Rs. Cr)

Year ending March 31st,	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Development Cost (Rs. Cr.)	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual Income from facilitating IPT Transit system (Rs. Cr.)	0.00	0.00	2.40	4.00	4.20	4.62	5.08	5.59	6.15	6.76	7.44
Assumed Demand of facilitating IPT Transit system	0%	0%	30%	40%	50%	60%	70%	80%	80%	80%	80%
Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	-15.28	1.60	2.10	2.77	3.56	4.47	4.92	5.41	5.95
SPV share (Rs. Cr.)	0.00	0.00	0.00	0.48	0.63	0.83	1.07	1.34	1.48	1.62	1.79
Net Cash Flows for PPP Developer (Rs. Cr.)	0.00	0.00	-15.28	1.12	1.47	1.94	2.49	3.13	3.44	3.79	4.17
IRR for PPP Developer (Pre-Tax)	7%										
Post-Tax IRR as % of Pre-Tax IRR	70%										
IRR for PPP Developer (Post-Tax)	5%										