

Sl. No.	Smart City Feature	Definition	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Self-Assessment for the city (for Pan-City Soutlion) with regard to each feature	Basis for assessment and/ or quantitative indicator	Projection of 'where the city wants to be with regard to the feature/ indicator	Single Initiative/ Solution that would move the city from its current status to Advanced status (Scenario 4: Column G)
1	Citizen's Participation	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 utilised. The effectiveness of city governance and service delivery is constantly enhanced on the basis of feedback from citizens.	Scenario 2 1. The Nagar Nigam gathers public opinion through elected representatives like ward councillors, Executive committee of MNN. 2. Important services, documents, municipal services are available on MNN website. 3. Payment of bills and taxes can be made from MNN website.	1. Grivlance redressal system provides wide range of options for citizen to participate, provide feedback and register complaints. 2. Active participation of common public is limited to the online grievances-portals on the IGRS, Nagar Nigam Website, Local body Portal and toll free number and control room. 3. Important documents, registration, payment services and financial & project details are available on MNN website. (Annex 4: MNN Website Section)	Scenario 3 1. Public participation with all sections of people for project planning, schemes and initiative at ward level. 2. Intractive communication social medium between citizen & municipal body. 3. Transperency in work at all stage through providing financial details, budget allocations and expenditure on open source like MNN website. 4. Nagrik Diwas on weekle basis for face to face interaction.	Citizen Centeric Initiatives: 1. Development of socail media friendly apps named "ONE MORAABAD" to provide integrated platform to inform new schems, projects, services, payment schedules and access to important documents. 2. Special fund for public participation, meetings, discussion with representatives from various social, economic or industry groups/associations at city Level workshops/meetings at one or two stages in some of the Projects/ initiatives. 3. Development of Public Participation platform for all level of project implemenation. 4. Provisions of E-Kiosks at each zonal offices and important public places.
2	Identity and Culture	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 utilised to some extent but limited resources exist to manage and maintain the immediate surroundings of the heritage monuments. New buildinds and areas are created without much thought to how they reflect the identity and culture of hte city.	Historic and cultural heritage resources are preserved and utilised 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.	Scenario 1 1. Moradabad's Brass work is world famous and ornamental work is very old culture. 2. Architectural monuments like jama masjid and Kali mandir are located in the city. 3. "Peetal Mahotsav" to promote brassware & motivate work culture.	1. Important junctions, nodes has been brassified to promote brassware work. 2. Yearly exhibitions have also been started to motivate the work cultures. 3. Parks and tree plantations have been provided for beautification and preserving the monuments.	Scenario 3 1. Reinventing the identity of the city based on its key features (Cultural Identity, Cuisine, built Heritages or structures) 2. Intelligent enhancement and capitalization of cultural resources for promotion and marketing. 3. Promotion of local arts, culture, literature and heritage through platforms like theatres, public forums, galleries at global level.	Make in Moradabad Initiative 1. Promotion of Brassware on global platform by developing "Make in Moradabad" initiative and proposal of Brass Haat at important places and at proposed Rivebank development. 2. Brassificaton of urban nodes to give the sense of brass city. 3. Participation in Global marketing platform like World Trade Fair, Exhibitions etc through EPCH. 4. To bring sustainability in Brass Industry various measures like change in furnace, PNG gas pipeline, industrial wastewater treatment is proposed. 5. Retrofitting of old city area of 227 Acre is proposed for development of basic infrastructure in the Brass industry area.

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3	Economy and Employment	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 opporitiunities 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. Joboriented skill training supported by the city and by industry. Economic activities are suited to and build on locational and other advantages of the city.	Scenario 2 1. Moradabad is known for brass work and other industries like wooden work, textile and milk etc. 2. Training institute for brass worker named Metal Handicrafts Service Center to develop skilled manpower for brass industry	1. Total export from city is 4200 Cr (yr 2016) in which brass industry share is around 3200 Crores. 2. Moradabad has 1 SEZ with 20 units for brass industry which has potential of around 2 Lakh employment and 40,000 industries. 3. Around 50% city population is involved in brass related industry. (Number of manpower- 4,56,300) 4. Moradabad cluster for Brass Industry has 40,000 units for casting, polishing, scrapping, welding, grinding, coloring and engraving of brass products 6. Common Facility Center named Metal Handicraft Service Center is working under Ministry of Textile, Gol & GoUP to support Brass Industry by Research and Training for employment in Brass Industry..	Scenario 3 1. Adequate job opportunities for all sections of income group to be provided by supporting brass industry and creating brand name "MAKE IN MORADABAD". 2. Skill development centre to be provided to enhance skill development. 3. Single window clearance system to be provided to motivate the industries. 4. Centralised employment providing system with support of brass associations and industries to provide opportunity to skilled manpower	1. Capacity improvement & modernization of "Metal Handicrafts Service Center" as Brass Research & Training Centre in co-ordination with major industries, institutions and schools while using existing resources and tools like incentives for private developers for development of economic generation activities. 2. Conversion of SEZ to MEZ is already approved and undergoing (GM DIC). 3. Single Clearance system for ease of doing business to provide adminstraional help to brass industry. 4. "CAREER MITRA" initiative has been taken to create centralized employment oppoortunity to workers in brass industry.
4	Education	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, teacher - student ratio, facilities available and other factors.	City provides adequate and highquality 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 specialised teaching and multi media enabled education. Education facilities are regularly assessed through database of schools including number of students, attendance, teacher-student ratio, facilities available and other factors.	Scenario 2 1. Moradabad has number of Engineering and medical colleges like TMU, IFTM, MIT, making Moradabad an educational hub in the region. 2. Moradabad City has adequate and high quality education facilities	1. Primary schools- 248, Middle schools- 41, Primary to middle- 235. Higher Education- , Technical Institutes- ; Medical colleges- ; 2. School drop-out ratio: Male- 25.8% Female- 19.18%	Scenario 3 a. Every citizen of the city should be well educated. b. Education will be fun and clubbed with skill development. c. Citizens will be highly skilled. d. High education quality will be ensured.	1. E-Pathsala initiavtive for ICT based database perparation with details of cources, seat availability, fees and programs. 2. Interactive & incentive like Smart class using ICT interventions based educational program to minimise the dropouts and knowledge sharing system. 3. Preparation of a GIS database for all educational infrastructures, with regular updation on: - Available facilities - Teacher student ratio - Admission details, seat availability

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5	Health	A Smart City provides access to healthcare for all its citizens. (Guideline 2.5.10)	Healthcare is difficult for citizensto 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 1. Moradabad is leading city in medical services in the region as adequate critical health facilities are available in the city. 2. Availability of Multi-speciality hospitals. 3. A new trauma centre is under construction	1. UDPFI Guidelines: 500 beds City Hospital with 4 Ha area, for serving 2.5 lakh population capacity 2. Intermediate Hospital Serving 8 to 10 Lakh population with 80 bed, along with exclusive 20 beds for maternity facility, area 1 Ha 3. 2075 beds are available to serve 6.5 lakh people, i.e. 798 beds per 2.5 lakh population.	Scenario 3 1. Healthcare is easily reachable to elderly and vulnerable citizens. 2. There are adequate facilities for preventive diagnosis and checkups, reachable to all classes of people. 3. Bio medical waste has proper collection and disposal system.	1. ICT based integrated database of patient records, health facilities, services and medicines to provide cost effective emergency Response system which would include setting up GPS enabled helpne numbers and Smart apps linked to the Ambulance vehicles. 2. Smart healthcare information and Smart Medical system for brass worker to improve health condition of brass workers, provide health alert for regular checkups, medicine facilitaiton and Individual Health Monitoring System for elderly and vulnerable citizens 3. Mini Clinic facility development at 5 places to provide fast first aid services in case of accident and other medical requiremements.
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 coexistence 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 segretating 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 15minute 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 1. Brass Industries are located in core city area and Peetal Nagri which shows the mixed land use in major parts of the city. 2. Industries are scatted in different area of Moradabad. 3. Inadequate number of open spaces and recreational facilities for people. 3. Congested core city area with high density	1. Master Plan 2021 shows has city has good proportion of mixed land use. 2. District Industrial Center data shows that industries are located in major parts of the city along with residential and other uses promoting mixed land use.	Scenario - 3 1. Rationalization/optimisatio n of different land uses in order to bring it to the level of prescribed norms, well integrated with Development Plan by MDA 2. Every part of the city has mixed land uses. 3. Industries, markets, recreational areas are within walk able distances. 4. Adequate recreational/ open spaces and socio-cultural institutions.	1. Provision of City Commercial Center at Peeli Kothi to provide integrated commercial & office space. 2. Underground Parking facility with 2500 ECS capacity at Company Bagh Garden. 3. Creation of vending zones at 4 places to provide dedicated space for vending activity. 4. Development & Beautification of 4 Km River Bank to increase the green cover of the city. 5. Parks Beautification & redevelopment with modern recreational activities to provide space for social bonding. 6. Development of Smart Road with focus on NMT facilities in the main commercial area of Budh Bazaar.

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7	Compactness	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, walkable 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 underutilized 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 walkable and inviting activity centers and neighborhoods. Regulations encourage or incentivize re-development of underutilized 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.	Scenario -2 1. New Moradabad, Ram Ganga Vihar colony and other such colonies are newly developed with high density and mixed land uses. Most of the amenities are available at walkable distances. 2. Most of new residential and mixed-use developments are seen in north-west part of the city. 3. No vacant land is available within core city except a few parks.	1. Moradabad is second most populated district in Uttar Pradesh. This gives it a ranking of 26th in India out of 640. 2. Moradabad has population density of 1284 inhabitants per sq KM. 3. Moradabad Master Plan a. Open spaces is 15-20% of overall land use. Existing green area is less than 2% of landuse plan. b. The city is growing with high density and compact development. 3. Around 60% of the city are has high density	Scenario -3 1. Planned growth of city is ensured through appropriate development regulations for ground coverage and open area. 2. Parking infrastructure development at public places and market area. 3. Developed NMT & footpath infrastructure. 4. Higher sense of road safety	1. Retrofitting of core city area of 227 Acre to improve basic services and infrastructure in old city. 2. Development of Urban nodes, streetscaping, junction improvement and footpath development is part of Smart City proposals with improved infrastructures. 3. Development of commercial activitiy promoting centers like City Commercial Center and vending zones. 4. Improvement in municipal infrastructure using utility ducting for underground services to reduce losses and improved service delivery is also part of Smart City Proposal. 5. Development of open spaces like parks, River bank, Junctions & roads to increase green cover of the city. 6. Parking infrastructure development with 600 ECS of On&Off street and 600 multilevel parking is proposed in Smart City with preparation of city-wide comprehensive parking policy.
8	Open Spaces	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 wellmaintained. 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 neighbourhoods.	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.	Scenario -2 1. Present public open spaces/ recreational area are inadequate as per UDPFI guidelines. 2. Some of the areas in city have variety of open spaces. 3. Public open spaces are not maintained properly.	1. As per UDPFI norms, minimum recreational area @ 12 sq-m per person in the developed area. 2. For population of 887871 the area required is 1065 hectares.	Scenario -3 1. 20-25 % of city is under open/recreational landuse – with about 1065 Ha to be included as a green/ open space/ zones in Development Plan for Moradabad 2. Preservation of existing open spaces in and around the city.	1. Identification & development of underutilized government lands as open spaces in core city by means of streetscaping, brass oriented designs and structures to create the Brass City identity. 2. Development and Beautification of existing parks, open spaces with modern facilities like open theatre, open gym & rain gardens are proposed in Smart city proposal utilizing AMRUT fund. 3. Development and Beautification of Bank of River Ramganga is proposed under Smart City proposal which will increase green cover by 10% of total land use.



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9	Housing and Inclusiveness	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	Scenario 2 1. Adequate housing stock available in the city. 2. Houses supply is more than the demand in the city 3. MDA has developed houses in various schemes like Smajawadi Awaz Yojna, New Moradabad City which are available.	1. UDPFI: 40-45% 2. According to Moradabad Nagar Nigam 80 Slums and 241 unauthorized colonies are identified in Moradabad city. 3. Around 5 wards are still not ODF.	Scenario 3 1. Sufficient housing schemes are available to all class of people and are clustered together. 2. The supply of housing meets the growing population, in all income groups.	1. Retrofitting project for core city area of 227 acre basically brass markets and industry area to provide modern and improved infrastructure. 2. City already has build affordable houses under MDA & DUDA schemes which shows high availability of housing units. 3. Provision of solar system and rain water harvesting to restore natural resourses. 4. Provision of Solar Lantern to use solar energy and save unauthorised usage. 5. Ramganga Vihar, Civil Line and Jigar Colony are high income grup residential area, Duptyganj, Gurhatti and Budh Bazaar are moderate income grup residential area in the selected ABD area.
10	Transportation and Mobility	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. Tha 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 1. Existing city transport is poor and not planned. Only E-Rikshaws and autos available for commuting within city. 2. Inefficient traffic management. 4. Streets are encroached by hawkers and parking activities making it more difficult for pedestrians and vehicle movement. 5. Parking infrastructure is not adequate.	1. UDPFI recommends about 15-18% landuse under transportation. 2. High growth of private vehicles with total number of Registered vehicle-460593 3. Only 200 ECS parking places are developed by MNN. 4. Commercial and core city is congested as lack of transit corridors and effective traffic management system.	Scenario 2 1. Strengthening existing transit system improved last mile connectivity. 2. Improved road safety and 3. Obstruction free footpaths and roads available in core areas. 4. Pedestrian friendly streets with universal accessibility. 5. Parking infrastructure availability to increase in road space. 6. Increase the travel speed by effective traffic management by provision of signals, junction improvement and corridor development.	1. ICT based Intelligent Transport Management system with smart solution on PAN city level strengthening existing transit system, corridor development and route based traffic movement. 2. Feeder service development to provide last mile connectivity. 3. Development of one-way mechanism in core city area to ease the congestion with parking infrastructure development with smart On & Off Street and Multilevel parking facility. 4. Development of Smart Road from Railway Station to Town Hall in the Budh Bazaar area with NMT infrastructure to integrate commercial and NMT facilities. 5. Demand Responsive Traffic Signals at 59 locatons, Pelican Signals at 15 locations, Traffic Surveillance Cameras at 33 locations. 6. Smart Street lighting (Solar and LED) 6. Pedestrianisation strategy – walkability, non motorised vehicle movement. 7. Underground parking with 2500 ECS capacity at Comany Bagh Garden. 8. Traffic channelization mechanism in case of emergency 9. CCTV & surveillance at 61 locations 10. All system linked and brought under Centralised Control and Command Centre.
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 accesible 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 1. Poor managed and excessive vehicular traffic is making it difficult for walking. 2. Footpaths available from civil lines chawk to pili kothi, Pili kothi to Gurrhatti Chawk, Pili kothi to Fawwara Chawk and along station road, Civil lines chawk to PAC road.	1. There is absence of Cycle lanes in the city 2. Absence of walk crossings. 3. Cycle tracks of 4Km and 1.6Km are proposed.	Scenario 2 1. Adequate walkable pathways free from obstructions. 2. Safety from vehicular movement 3. Availability of cycle lanes & footpath network with proper entry & exit points.	1. Preparation of a comprehensive pedestrian friendly infrastructure for 15 Km with universal accessibility. 2. Development of NMT network plan for with proper entry & exit to important places. 3. Removing electric poles and other utility entities by provision of Utility duct in ABD area from footpaths 4. Smart traffic signaling with pedestrian phase and pelican signals for safety of pedestrians. 5. Development of No Vehicle Zones and Smart Roads in Budh Bazaar area.



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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 1. Most of the government offices have internet connectivity. 2. OFC of private telecom network ia vaiable in the city.	1. City has major services of various telecom service providers in the city. 2. BSNL has covered around 70% city by OFC cable.	Scenario –3 1. High speed internet connectivity in most part of the city. 2. Municipal services and other citizen services on IT platform. 3. Provision of ICT based interventions in Health, Education and governance.	1. Provision of ICT based interventions in governance, urban services, health, education, industrial promotion and traffic management is proposed under smart city project. 2. Coverage of 100% ABD area with Internet services & wifi zones is proposed under smart city project to provide quality services on ICT platform. 3. Development of wifi zones at public places on nominal charges linked with municipal services and integrated city management services. 4. Smart Class, Data Digitization and ICT based governance will improve digital connect in the city.
13	Intelligent Government Services	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. Recieving 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. Systema 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 infrasturcture system shares information and enhances internal governmental coordination.	Scenario - 2 1. Digital data base not available for any infrastructures 2. e-governance has been introduced but not completely implemented. 3. Power bills are displayed on the online portal, and can be paid online too.	1. Services availed on different portals and Lokwani Seva Kendras – Grievance redressal (via toll free number, email, whatsapp, facebook) – twitter, E Newsletter – Tax – Billing – Birth, Death and marriage Certificates – Licenses & Tender Forms – Right to Information Act - New Trade License	Scenario - 3 1. Citizens need not visit ULB's for request and complaint, payment of bills. 2. Digital medium of documentation is prevalent, and online service delivery is practiced by the government departments. 3. All the government services can be availed online. 4. Payment of bills and taxes is done online. 5. Transparency in service delivery each and every aspect of the city as a system including but not limited to land use details, utility lines and connections, demography profiles, schools, colleges, healthcare units, social groups, taxes, billing of services etc.	Smart & Active Governance Initiatives 1. Development of City level Control & Command Center with integrated citizen services, monitoring systems and emergency response system. 2. GIS based property mapping with linked services are proposed. 3. Implementation of e-Governance and automation in the department of Local Government. 4. Capacity building of the staff – proper rigorous training for the staff to orient them with the new medium of work 5. Bringing all the government services on digital platform. 5. Development of city based App "ONE Moradabad" and website with integrated citizen services.

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14	Energy Supply	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.	Scenario 2 1. Adequate Power availability- 22 hours. 2. Planned power cuts 3. Overhead electrical cables 4. Electrical poles on footpaths	1. Power Demand- 130MW 2. Significant T&D losses- 30% and ATC losses-25%	Scenario 3 1. Less than 15% power losses with Smart meters and highly efficient monitoring of losses and faults. 2. 24x7 power supply, 3. More than 10 % power supply from renewable energy sources. 4. No obstruction due to poles on footpaths and no clutters of cable in street view.	1. Automation of grid with automatic ring main unit (RMU), SCADA system implementation. 2. Conversion of overhead HT /LT lines to underground cables. 3. SCADA/ Central Control Centre for remote monitoring of power to be proposed. 4. Conversion to Bi-directional smart metering (NET meters) for consumer households also useful during solar roof top installations in future 5. Interface of PVVNL SCADA System to City Command & Control Centre 6. Phase-wise strategy to introduce smart metering throughout the city 7. Comprehensive plan to improve power supply infrastructure – modernization of substations, taking overhead cables underground, removal of electrical poles from roads and footpaths 8. Use of additional sources like renewable sources to ensure 24x7 supply
15	Energy Source	A Smart City has at least 10% of its electricity generated by renewables. (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.	Scenario 2 1. At present all the energy demands are met by conventional energy sources	1. Planning for rooftop installation of solar PV cells on most of the government buildings for meeting their energy requirements. 2. Moradabad is selected for solar city project by the Govt. Of India, but not much efforts have been made in this direction by now.	Scenario 3 1. At least 10% of the energy demand of ABD area is generated through renewable sources. 2. Awareness and encouragement for the use of renewable sources like PV cells – at community level as well as individual level. 3. There are incentives in terms of tax reduction for consumers who demonstrate such innovations – for consumers as well as researchers. 4. Replacement of conventional sodium vapour / metal halide fixtures at shade free areas to Solar LED Street Light fixtures.	1. A grid connected, roof top solar plant of capacity 25KW is proposed for Vikas Bhawan, 2. Incentives for rooftop installation of solar PV cells, for individuals as well as institutional consumers. 3. Encouraging the use of renewable sources of energy by providing incentives in various ways. A systematic study for introducing such incentives may be taken up by MMA. 4. 55% energy saving in street lights by Smart LED street lights. 5. Felicitating the people & organizations working towards improvement and popularization of such technology. 6. Net Metering System for individual households, which will encourage people to go for rooftop solar panels. 7. Use of LED Street Lighting for reduction in Power Consumption.

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17	Water Management	A Smart City has advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage stormwater 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 city has 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 reusage 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 utilised 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.	Scenerio-1 1. No recycle water use 2. Rain water harvesting in some of the government buildings 3. Flooding often occurs due to surface runoff in rain seasons.	1. Construction of 58 MLD STP in progress 2. 71 rainwater harvesting units installed in past 3 years by MDA with storage capacity of 11926 m3 3. City does not measure all its supply. Only 50% of water is metered at source.	Scenerio-3 1. Metered water supply in the city. 2. All meters connected to central command and control centre for efficient monitoring and transparency. 3. Reduced dependency on fresh water with Industrial and Irrigation water requirement supported with storm water and recycled water. 4. Ground water restored and sustained.	1. Construction of tertiary treatment facilities near ongoing STP. Reclaimed water would be (58 MLD) available for use. Further two more STP's with tertiary treatment are proposed under AMRUT Scheme 2. Rain water harvesting installation to improve ground water. 3. Use of recycled water for industrial purpose by development of recycled water distribution network for 50 Km.
18	Waste Water Management/ Water Quality	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 an reduces the need for fresh water.	Scenerio-2 1. Most of the waste water is treated before discharging. 2. Recycled water is not used.	1. 2 STP are working in the city. 2. 2 STP's are proposed under AMRUT scheme.	Scenerio-3 1. Collection and treatment of 100% sewage of the city. 2. Reuse of reclaimed water from STP's to the extent possible.	1. Recycled water will be used for train washing/cleaning and industrial purposes. 2. Sewerage system is in undergoing phase. 3. 2 STP's are proposed for 40 and 34 MLD for Zone III and Zone IV respectively. 4. Construction of tertiary treatment facilities at ongoing STP. Total availability of reclaimed water would be 158 MLD. 5. Collection and recycling of Industrial waste water with treatment plant of 40 MLD & 50 Km network is proposed.

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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 spatialising the data to ascertain reasons for degrees of pollution in the air. A few strategies to decrease air pollution have been implemented.	City has programs and projects to monitor air quality and spatialising the data to ascertain reasons for degrees of pollution in the air. Pollution levels are acceptable.	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 1. Air monitoring stations have been established by UPPCB at two locations within the city one at commercial area- Hindu College, Buda Bazaar and other at Residential area- PTC, Civil Lines.	1. City has high SPM and RSPM levels, Commecrcial area- RSPM-199, SPM-361 Residential Area- RSPM-146, SPM-248 2. The air quality doesn't comply with national & international standards .	Scenario 3 1. The city has clean air by international standards. 2. Live Air quality monitoring cover the entire city and data of air quality are mapped. 3. Polluting industries are located away from residential areas.	1. Air monitoring stations to be set up at 4 places to monitor the Air Quality of the city. 2. Pollution Control Board has agreed to support in Air & Water Quality Monitoring stations in the city. 3. Last mile connectivity to be focused by developing Corridors & Routes to promote use of IPT modes. 4. Provision of 2 CNG station to promote use of clean & green fuel. 5. CSIR approved Brass furnace is proposed under smart city project which will reduce significant amount of air pollution. 6. E-Waste Treatment Plant at 2 location in the city for scientific disposal of E-waste. 7. Strengthening E-Rickshaw transit network with corridors and route development will reduce private vehicle uses and significant amount of pollution if the city.
20	Energy Efficiency	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 counselling 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.	Scenario 1 1. MDA has installed solar system at various places. 2. Traffic signals on main roads are replaced with solar based signals.	1. City level solar DPR is prepared.	Scenario 2 1. All the new public buildings mandatorily employ energy efficiency principles. Some of the old public buildings are also retrofitted for better energy efficiency. 2. All public buildings have green rating certification. 3. There are incentives, monetary and non-monetary for privately owned buildings to adopt energy efficiency principles.	1. Saving of 55% energy used in street light by replacing conventional lights to LED based Smart Street lights. 2. Solar Rooftop installation on 12,00,000 sum area to generate 20% electricity of the total demand is targeted in the smart city project. 3. Strengthening Power Supply network with smart meters and high capacity transformers to minimize out rages and AT&C losses by 15%. 4. Solar Lantern to save electric energy for vending activities.



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21	Underground Electric Wiring	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.	Scenario 1 1. Overhead electric wiring has been done throughout the city. 2. There are no schemes to convert overhead cables in to underground cables.	1. Data from PVVNL-Significant T&D losses-30% and ATC losses-25%	Scenario 2 1. No visual overhead cable clusters and street views with clear sky with all cables underground. 2. Reduction in T&D and ATC losses by less than 15% power losses	1. The existing cables will be underground in a phased manner using utility duct. 2. Use of sensors and meters to deduct reregulation if electric network. 3. Reduction in AT&C losses by 15% by underground cabling and smart sensors.
22	Sanitation	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.	Scenario 3		Scenario 3 1. To achieve zero open defecation.	Swach Bharat Mission Initiative 1. Provision of Smart Solar based toilets which has Zero waste disposal in the ABD area. 2. Use of Swach bharat Mission fund to achieve the objective of zero open defecation. 3. Augmentation of sewerage network to cover 100% of households and recycling of sludge at node level towards reduction of energy consumption in treatment.

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23	Waste Management	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.	Scenario 2 1. There is no mechanism for "segregation at source" 2. Collection of waste is done partially and privately through door to door system and partially through community bins. 3. Open dumping along roadsides, railway lines, vacant plots, drains/nallahs, mandis. 4. Absence of proper way to collect and handle bio-medical waste and e-waste.	1. At present 400 ton waste is generated daily. 2. Present MSW management doesn't comply to MSW Rules 2000	Scenario 3 1. Clean and healthy city area by development of infrastructure for Industrial waste water, Brass waste treatment facility. 2. Highly efficient waste collection with 100% door to door collection 3. Segregation at source. 4. Scientific and hygienic processing of the SW 5. Scientific management of the landfill sites 6. Well trained professional staff in adequate number 7. No dumping of SW in open. 8. The whole MSW management process comply with the best global standards. 9. Timely collection of waste from bins and no overflowing. 10. Compliance to MSW rules 2000.	1. Integrated SW Processing Facility, as proposed at Gulab wadi (28 Acres), including following facilities: - Windrow composting, - Material Recovery Facility (MRF), - Sanitary Land Fill (SLF) 2. Collection of Industrial waste water by network development for 50 Km in Industrial area. 3. Development of 2 Industrial Waste water treatment plant having capacity of 20 MLD each in Peetal Nagri and Faizganj. 4. Treatment of brass waste by Brass particle collectors are proposed by 2 numbers in brass industrial area. 5. 100% coverage of Solid Waste management using Sensor based community bins and GPS monitored transportation. 6. Smart Bins are proposed with RFID & GPS based system to improve sanitation in the area.
24	Safety and Security	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.	Scenario 2 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.	1. Dial 100 service has 15 minutes response time. 2. CCTV installation at all major junctions is proposed under ITMS scheme	Scenario 3 1. Improved safety & security with provisions of smart solutions. 2. Integrated emergency services and system on single platform with city management system.	1. Provision of CCTV at important place for city servilainace for safe and secure roads for all section of population. 2. Integrated emergency services of Dial 100, 101, 102, 1090 Women Helpline, Child Helpline on ONE MORADABAD APP and ICT platform. 3. Well lit roads throughout the city. No dark spots for anti-social elements to breed. 4. 50 % reduction in crime by ICT interventions in monitoring of area..

ABD-PROJECT COSTING

S.NO	Description of component	Amount (Rs crore)	converagence scheme	converagence (Rs crore)	PPP (Rs crore)	SCM (Rs crore)
Area Based Development						
A. MAKE IN MORADABAD						
1	Strengthening Metal Handicraft Service Center for Brass Research & Skill Development Centre with brass industry infrastructure at MHSC, Peetal Nagri	100		-	-	100.00
2	Brass Museum, Exhibition Center, Promotion & Information Centre with single window clearance system for supporting brass industries at Peeli Kothi	5.7		-	-	5.70
3	Career Mitra for Employment in Brass Industry at Peeli Kothi	0.1	PPP	-	0.1	-
4	Brass Wastewater Treatment Plant and waste water network development at Peetal Nagri & Faizganj	75.0		-	-	75.00
5	Brass Particle Remover Plant from brass waste and disposal from Brass waste at Peetal Nagri and Faizganj MHSC	16.0		-	-	16.00
6	Cultural Events, Festivals, Promotions & Handicraft Mela for Brass promotions	15.0		-	-	15
Sub Total - MAKE IN MORADABAD		211.8		0.0	0.1	211.7
B. ENVIRONMENTAL SUSTAINABILITY						
1	E-Waste Treatment Plant at MHSC Peetal Nagri, Karula & Ghani Khana	30.00		-	-	30.00
2	Metal Recovery plant from E-Waste at MHSC Peetal Nagri, Karula & Ghani Khana	15.00		-	-	15
3	CSIR- CECRI approved furnace to brass industries for improved health of artisans and economic benefit	45.00		-	-	45.00
4	Pedestrian Infrastructure & Street Furniture for providing safe movement	10.50		-	-	10.50
5	Development of Smart Road with efficient NMT services & Smart features on Budh Bazaar Road	7.38	CSR from Brass Associations	4.38		3.00
6	Beautification and Development of Bank of River Ramganga with recreational facilities and cultural calender	10.00		-	-	10
7	Streetscaping, Street Furniture, Urban Nodes, Open space development	2.0		-	-	2
8	Redevelopment & Beautification of Parks to increae green cover with year round cultural calander and activity chart	5.73	AMRUT	3.33	-	2.40
9	Solar Roof Top on Government buildings to generate solar energy and save electrici	60.0	UPNEDA	18.00	-	42.00
10	Solar High Mast Light at junctions and public places	0.6	UPNEDA	0.19	-	0.45
11	Solar Lantern for street vendors to save energy and social benefits	1.2	UPNEDA	0.36	-	0.84
Sub Total - ENVIRONMENTAL SUSTAINABILITY		187.5		26.3	0.0	161.2



ABD-PROJECT COSTING

S.NO	Description of component	Amount (Rs crore)	convergence scheme	convergence (Rs crore)	PPP (Rs crore)	SCM (Rs crore)
C. REUSE, REDUCE, RECYCLE & RETHINK						
1	Piped Gas Distribution Network in city to provide green energy for industrial, commercial & personal use with CNG Gas stations at 3 places to promote green energy	542.00	SEPL	542.00	-	-
2	LED based smart Street Light by replacing conventional street lights to save electricity uses and municipal revenue	28.67	MNN	28.67	-	-
3	Solar based Water ATMs in city for safe and quality drinking water	4.00	PPP	-	4.00	-
4	Distribution Network of Treated Water from CETP & STP in Peetal Nagri, Hayat Nagar, Faizganj, Ghani Khana and Peer Gali	50.00		-	-	50.00
5	Ground water recharge by Rain Water Harvesting and percolated layer in Government buildings	8.0		-	-	8
Sub Total - REUSE, REDUCE, RECYCLE & RETHINK		632.7		570.7	4.0	58.0
D. ACTIVE & RESPONSIVE GOVERNANCE						
1	City Commercial Centre Development	120.0	PPP	-	120.00	-
2	Utility Duct for underground services of electricity, water, drainage, telephone lines and gas pipeline	132.0		-	-	132.00
3	Network Strengthening, Capacity enhancement & Smart Metering to Strengthen Electric Supply	50.0	R-APDRP/IPDS	10.00	-	40.00
4	Strengthening Water Supply Network Augmentation SCADA & Smart Metering and Water treatment plant	36.0	AMRUT	5.10	-	30.90
5	Internet facility and Wifi Zones for improved digital connect	17.9	PPP	-	17.88	-
6	Retrofitting of Old area (Budh Bazaar, Duptyganj, Gurhatti, Daulatbagh and Townhal)	130.0		-	-	130.00
7	E-Kiosks at Zonal offices for improved citizen services	0.9		-	-	0.90
8	Digital Pathsala by provision of Smart Classes	5.0	PPP	-	5.00	-
9	Vending Zones at Buddh Bazaar, Gurhatti, Kachehri and Duptyganj	2.6		-	2.6	-
10	Solar Based Smart Toilets with Zero Disposal	2.0	PPP	-	2.00	-
11	On-Street Parking using containers at the height of 6m above roads	0.240	PPP	-	0.240	-
12	Off-Street Parking using containers on road side	0.150	PPP	-	0.150	-
13	Underground Parking at Company Bagh Garden	10.000	PPP	-	10.000	-
14	Mini Clinic at Peetal Nagri, Karula, Ghani Khana, Naveen Nagar, Peeli Kothi, Dutyganj, Budh Bazaar and Jigar Colony	4.00		-	-	4.00
15	Junction improvement, Signal provisions, Safety Provisions, Road Maintenance and Road Infrastructure Improvement	13.20		-	-	13.20
Sub Total - ACTIVE & RESPONSIVE GOVERNANCE		523.9		15.1	157.8	351.0
Total - Area Based Development		1,555.86		612.03	161.93	781.89



IMPLEMENTATION PLAN

S.NO	Description of component	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
		Q4	Q1	Q2	Q3	Q4															
Area Based Development																					
A. MAKE IN MORADABAD																					
1	Strengthening Metal Handicraft Service Center for Brass Research & Skill Development Centre with brass industry infrastructure at MHSC, Peetal Nagri																				
2	Brass Museum, Exhibition Center, Promotion & Information Centre with single window clearance system for supporting brass industries at Peeli Kothi																				
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5	Brass Particle Remover Plant from brass waste and disposal from Brass waste at Peetal Nagri and Faizganj MHSC																				
6	Cultural Events, Festivals, Promotions, & Handicraft Mela for Brass promotions																				
Sub Total - MAKE IN MORADABAD																					
B. ENVIRONMENT SUSTAINABILITY																					
1	E-Waste Treatment Plant at MHSC Peetal Nagri, Karula & Ghani Khana																				
2	Metal Recovery plant from E-Waste at MHSC Peetal Nagri, Karula & Ghani Khana																				
3	Brassware working equipment and CSIR- CECRI furnace to brass industries for improved health of artisans and economic benefit																				
4	Pedestrian Infrastructure & Street Furniture for providing safe movement																				
5	Beautification and Development of Bank of Ramganga River																				
6	Streetscaping, Street Furniture, Urban Nodes, Open space development																				
7	Redevelopment & Beautification of Parks to increase green cover with year round cultural calander and activity chart																				
8	Solar Roof Top on Government buildings to generate solar energy and save electricity																				
9	Solar High Mast Light at junctions and public places																				
10	Solar Lantern for street vendors to save energy and social benefits																				
Sub Total - ENVIRONMENT SUSTAINABILITY																					



IMPLEMENTATION PLAN

S.NO	Description of component	Implementation Schedule															
		YEAR 1 Q4	YEAR 2 Q1 Q2 Q3 Q4				YEAR 3 Q1 Q2 Q3 Q4				YEAR 4 Q1 Q2 Q3 Q4				YEAR 5 Q1 Q2 Q3 Q4		
C. REUSE, REDUCE, RECYCLE & RETHINK																	
1	Piped Gas Distribution Network in city to provide green energy for industrial, commercial & personal use with																
2	LED based smart Street Light by replacing conventional street lights to save electricity uses and municipal revenue																
3	Solar based Water ATMs in city for safe and quality drinking water																
4	Distribution Network of Treated Water from CETP & STP in Peetal Nagri, Hayat Nagar, Faizganj, Ghani Khana and Peer Gali																
5	Ground water recharge by Rain Water Harvesting and percolated layer in Government buildings																
Sub Total - REUSE, REDUCE, RECYCLE & RETHINK																	
D. ACTIVE & RESPONSIVE GOVERNANCE																	
1	City Commercial Centre Development																
2	Utility Duct for underground services																
3	Network Strengthening, Capacity enhancement & Smart Metering to Strengthen Electric Supply																
4	Strengthening Water Supply Network Augmentation SCADA & Smart Metering and Water treatment plant																
5	Internet facility by Wifi Zones																
6	Retrofitting of Old area (Budh Bazaar, Duptyganj, Gurhatti, Daulatbagh and Townhall)																
7	E-Kiosks at Zonal offices for improved citizen services																
8	Digital Pathsala by provision of Smart Classes																
9	Vending Zones at Buddh Bazaar, Gurhatti, Kachehri and Duptyganj																
10	Solar Based Smart Toilets with Zero Disposal																
11	On-Street Parking using containers at the height of 6m above roads																
12	Off-Street Parking using containers																
13	Underground Parking at Company Bagh Garden																
14	Mini Clinic at Naveen Nagar, Peeli Kothi, Dutyganj, Budh Bazaar and Jigar Colony																
15	Junction improvement, Signal provisions, Safety Provisions, Road Maintenance and Road Infrastructure Improvement																
Sub Total - ACTIVE & RESPONSIVE GOVERNANCE																	



VISION - Transform "Peetal Nagri" into a sustainable growth center and Livable city.

Total population -1,24,093

AREA 1250 acre

64,528 (52%)

59,564 (48%)

0 - 6 Year
 13%

Working Population
 34%

Avg HH 6
20,682 HH

IN ABD AREA

HOSPITAL
13NOS

SCHOOL
22NOS

RETAIL
20NOS

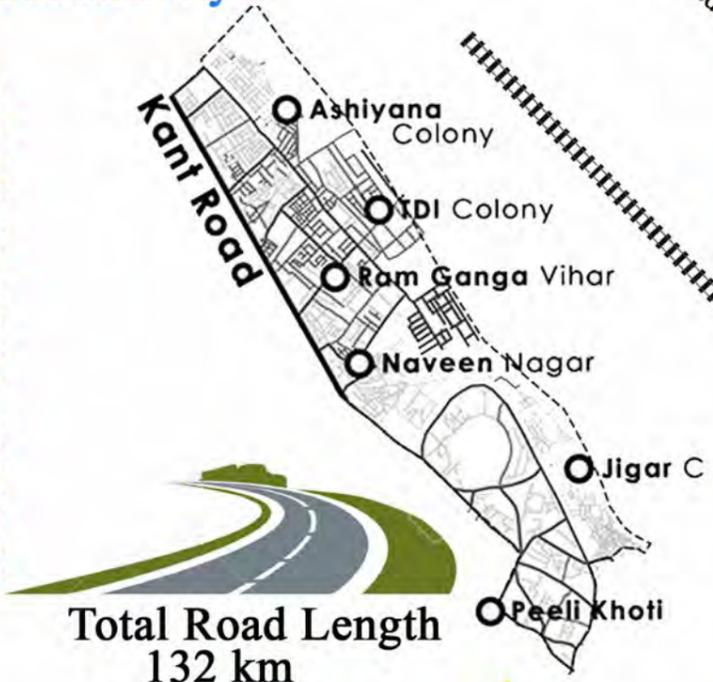
WATER COVERAGE

BUILDUP



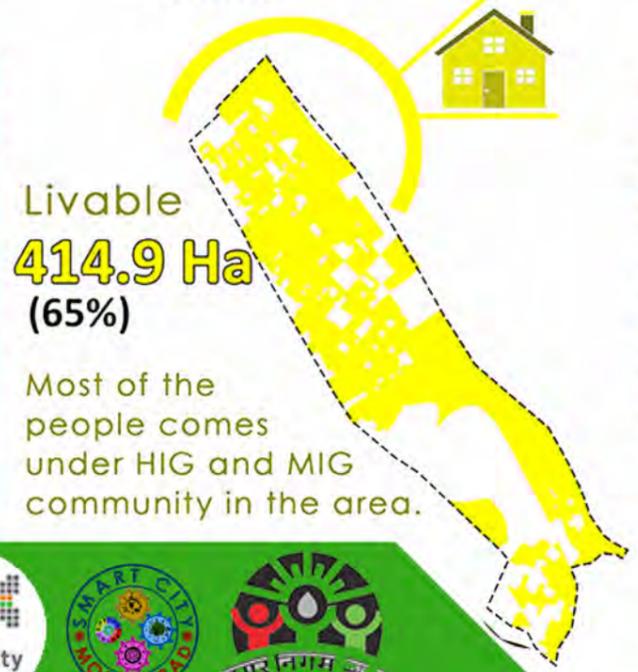
Connectivity

ROAD NETWORK

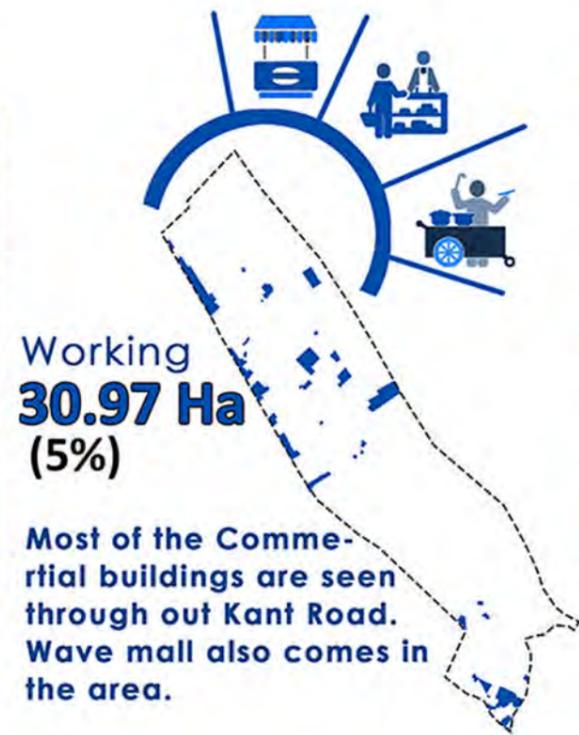


8 WARDS :- 6,8,9,20,21,23,27,56

RESIDENTIAL



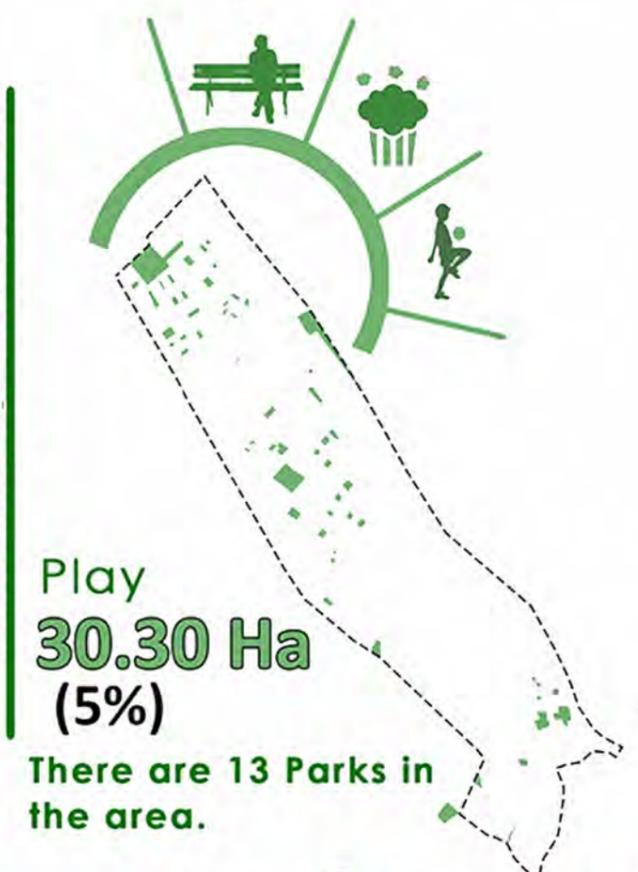
COMMERCIAL



PUBLIC/SEMI PUBLIC



PARKS/OPEN SPACE

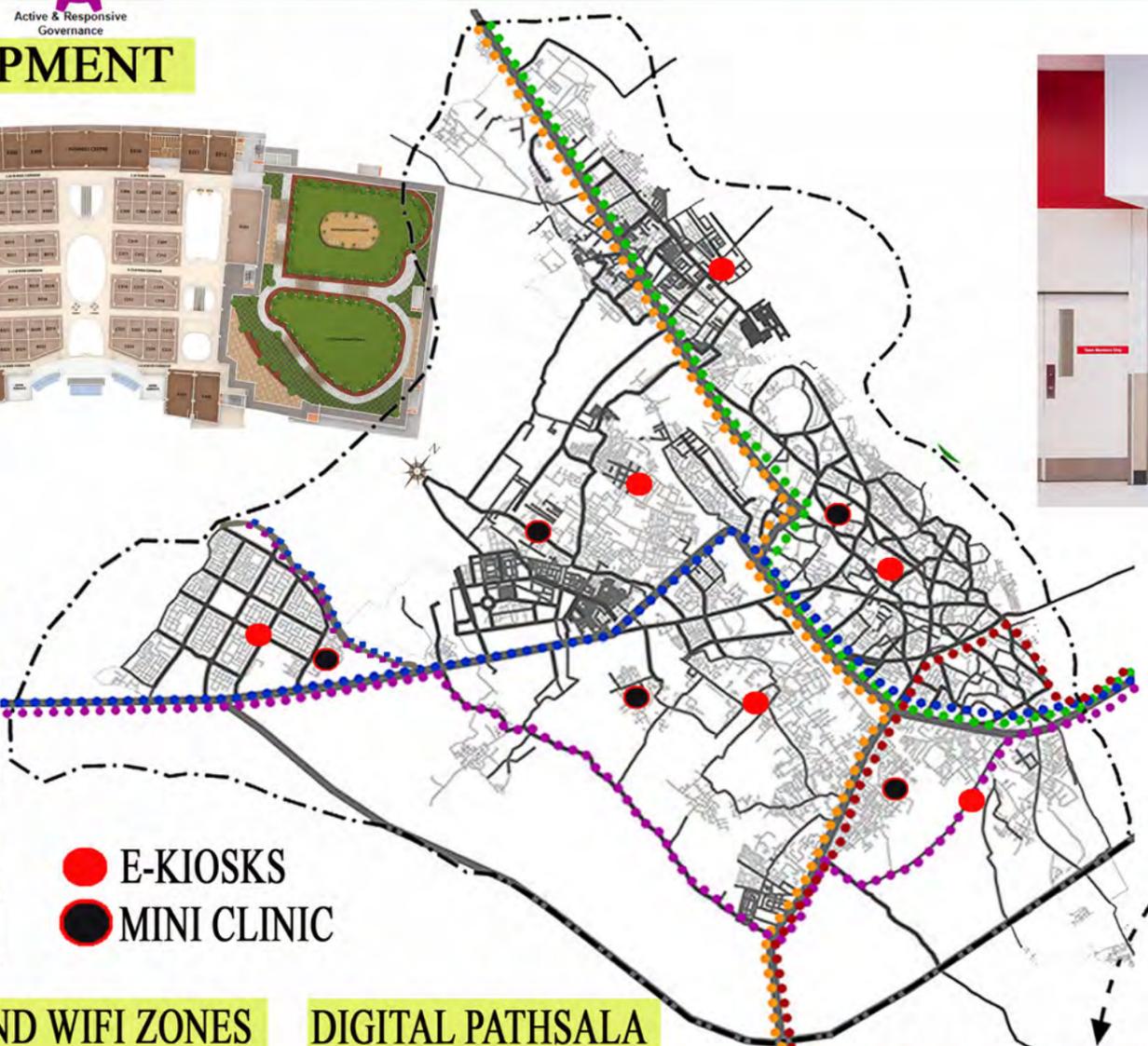
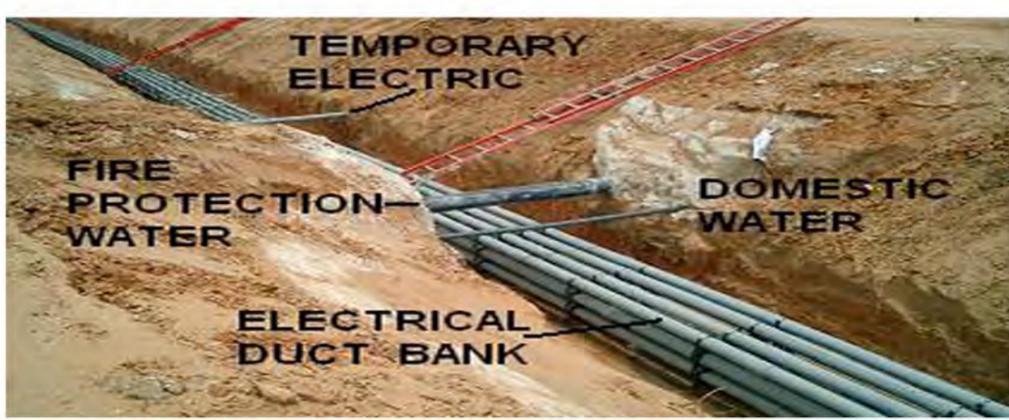




CITY COMMERCIAL CENTRE DEVELOPMENT

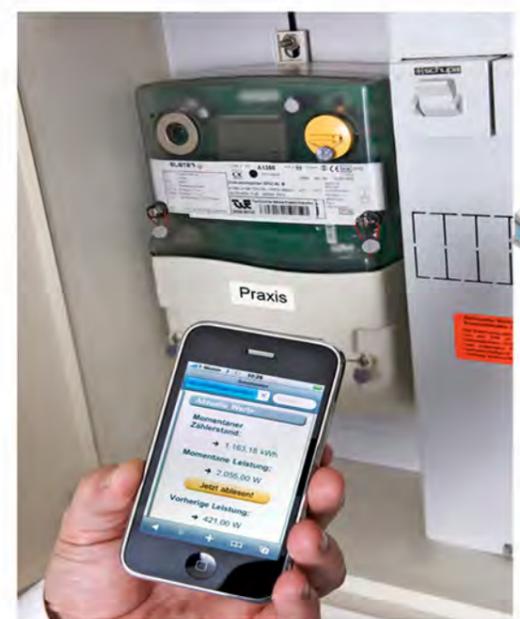


UTILITY DUCTING FOR 120KM



Smart Road Development From Railway Station to Town Hall at the distance of 0.85km

SMART ELECTRIC METER



INTERNET FACILITY AND WIFI ZONES



DIGITAL PATHSALA



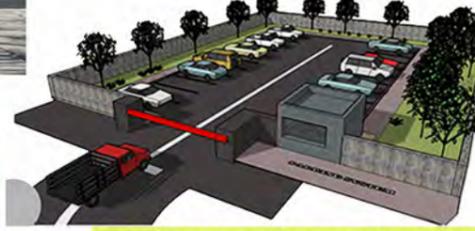
E-KIOSKS AT ZONAL OFFICES



SOLAR BASED SMART TOILETS



ON STREET PARKING



OFF STREET PARKING

- Along Major Locations
1. PAC ROAD
 2. Ram Ganga Vihar
 3. Railway Station - Rampur Road
 4. Delhi Road
 5. Chandausi Road
 6. Jail Road
 7. Mandi Chawk
 8. Adarsh Nagar
 9. Jama Masjid





मेरा मुरादाबाद स्मार्ट मुरादाबाद



Smart City MORADABAD

Annexure - II





मेरा मुरादाबाद स्मार्ट मुरादाबाद



Smart City MORADABAD

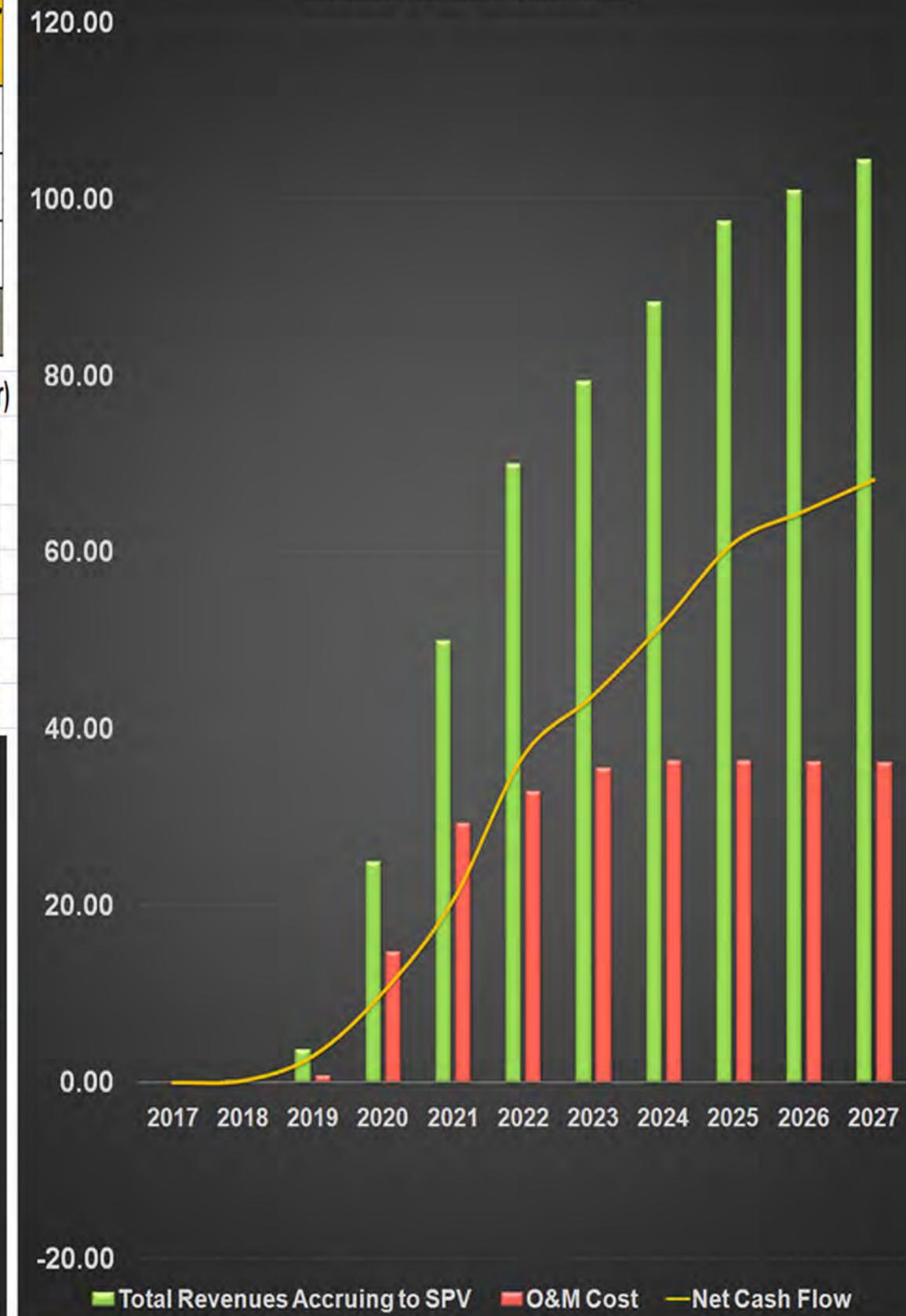
Annexure - III



CASH FLOW

Year	0	1	2	3	4	5	6	7	8	9	10	10-Yr Total (Cr)
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Capital outflow												
Projected capital expenditure	29.00	727.50	575.70	303.50	128.4	0	0	0	0	0	0	Rs. 1,764.10
Total O & M Expenditure	0.0	0.0	0.0	0.0	2.0	2.5	3.0	3.5	4.1	4.8	0.0	Rs. 19.92
Total SPV expenditure	0.00	7.60	1.90	2.50	2.50	2.50	0.00	0.00	0.00	0.00	0.00	Rs. 17.00
Total cash outflow	29.00	735.10	577.60	306.00	132.88	5.04	2.99	3.51	4.11	4.78	-	1,801.02
Capital Inflow												
SCM Fund	194.0	388.0	194.0	188.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rs. 964.00
Convergence	122.81	81.69	185.09	73.13	0	0	0	0	0	0	0	Rs. 462.72
PPP	31.68	113.93	48.49	20.59	0	0	0	0	0	0	0	Rs. 214.69
SPV Revenue	0.0	0.0	16.8	23.4	45.7	89.9	102.0	111.6	121.9	129.2	136.5	Rs. 777.09
Total Cash Inflow	348.49	583.62	444.42	305.13	45.72	89.89	101.96	111.59	121.94	129.20	136.54	2,418.50
Cumulative cash surplus projec	288.50	34.55	-134.64	-43.92	-82.92	64.87	76.38	84.81	93.30	96.14	104.38	581.45

FINANCIAL PERFORMANCE



CASHFLOW



ON LINE CITIZEN ENGAGEMENT Citizen Reach

4,20,929 Citizen involvement

46% of total population



Govt. Employee

05%



Industlist

30%



Youth

Includes Students

20%

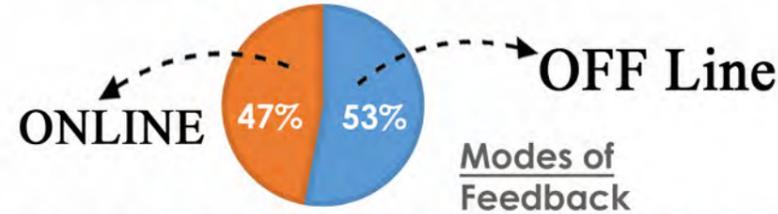


Businessmen & Labour

45%



Hoardings in City Over 200



ABD and PAN CITY Solutions

City Vision and Goals



930 Suggestions



150,000 Feedback Forms

62% Response Rate

18,954



25,000



5,000

25000 Tweets



53,931



1,00,163



3,50,000



2,11,814

10 Talk shows

10,000 People

INTERACTIVE CONSUSTATION



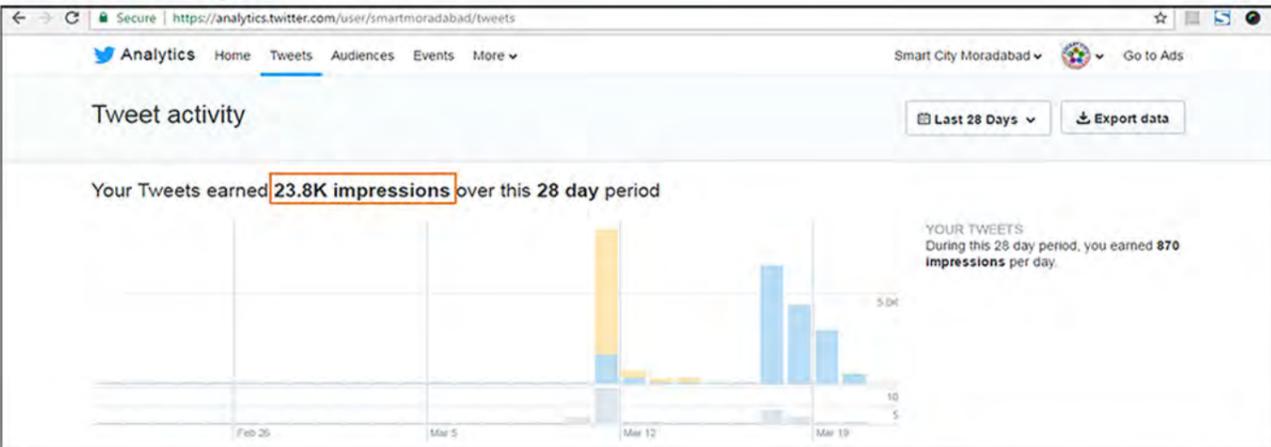
PRINT MEDIA-22,000



SCREEN SHOT facebook



Tweet insight



Tweets	Top Tweets	Tweets and replies	Promoted	Impressions	Engagements	Engagement rate
Smart City Moradabad @smartmoradabad - Mar 17	Retweeted Asokan Ashok (@asokan_telecom)			139	0	0.0%
Smart City Moradabad @smartmoradabad - Mar 17	#InternetOfThings-How #IoT is Driving a Fourth #Industrial Revolution... fb.me/52KMrAtVc			681	17	2.5%
Smart City Moradabad @smartmoradabad - Mar 17	The Evolution of #IoT #SmartCity #AI #BigData #Tech #Digital #Technology #Internetofthings #Fintech #SocialMedia... fb.me/Rq6bOLBj			10,901	302	2.8%
Smart City Moradabad @smartmoradabad - Mar 17	#SmartCity mission marks end of 'business as usual' approach. It embraces 'bottom up approach', the core spirit... fb.me/3IDAOpZzU			137	7	5.1%

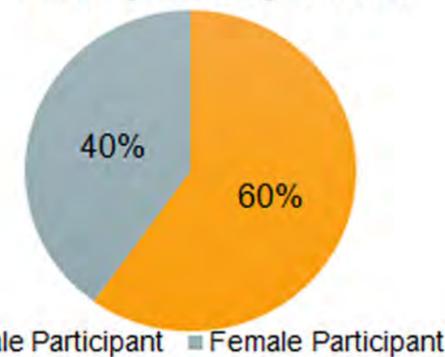


All Post Published

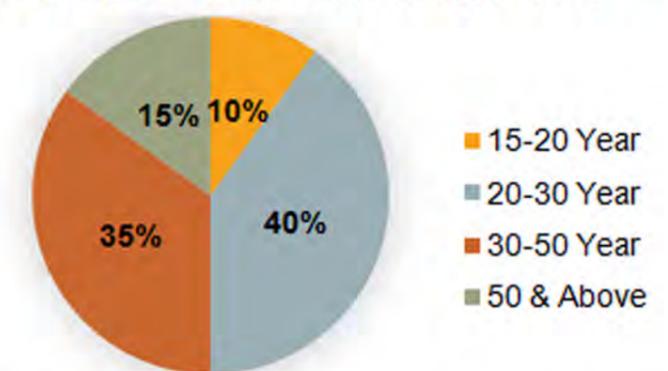
Published	Post	Type	Targeting	Reach	Engagement	Promote
20/01/2017 17:08	Timeline Photos	Image	Public	404	44 30	Boost post
03/02/2017 18:22	Smart city Moradabad k Area Based Development projects k liye	Text	Public	253	13 21	Boost post
03/02/2017 18:25	Timeline Photos	Image	Public	130	18 14	Boost post
18/01/2017 15:34	Smart City Moradabad	Image	Public	116	5 27	Boost post
10/03/2017 21:14	Dear All Citizens #Moradabad #SmartCityMission. Login http://bi	Text	Public	74	6 9	Boost post
25/01/2017 19:48	Moradabad nagar nigam	Image	Public	73	5 11	Boost post
24/01/2017 19:28	एक निवेदन आप सबसे निवेदन है, यह संदेश सिर्फ 3 लोगों को जरूर भेजे... आ	Text	Public	63	2 12	Boost post
24/01/2017 14:30	Timeline Photos	Image	Public	61	13 13	Boost post

DIFFERENT TYPES OF CITIZEN PARTICIPATION

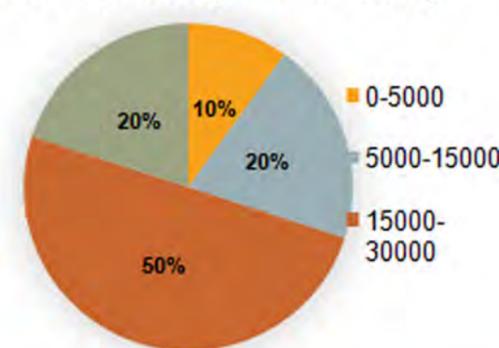
Participation by Gender



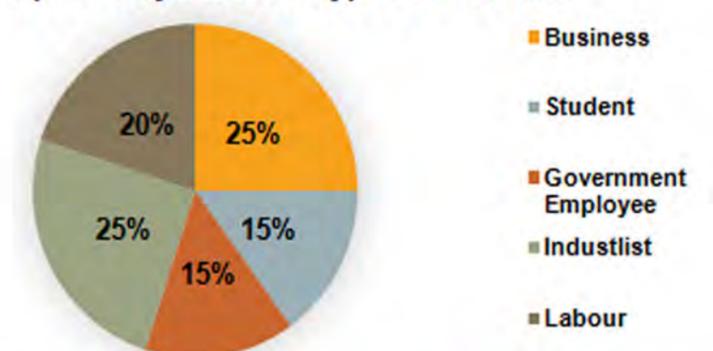
Participation by Different Age Group



Participation by Income Group



Participation by Different types of Workers



मेरा मुरादाबाद..... स्मार्ट मुरादाबाद



MORADABAD SMART CITY PROPOSAL



Make in Moradabad



Environmental Sustainability



Reuse, Reduce, Recycle & Rethink

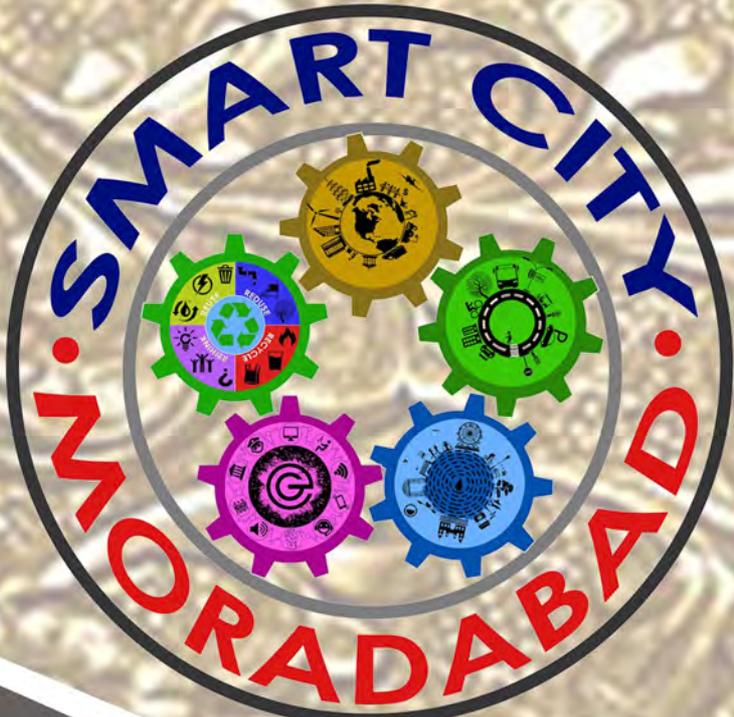


Active & Responsive Governance



MORADABAD SMART CITY PROPOSAL

ANNEXURE IV



Make in Moradabad



Environmental
Sustainability



Reuse, Reduce, Recycle
& Rethink



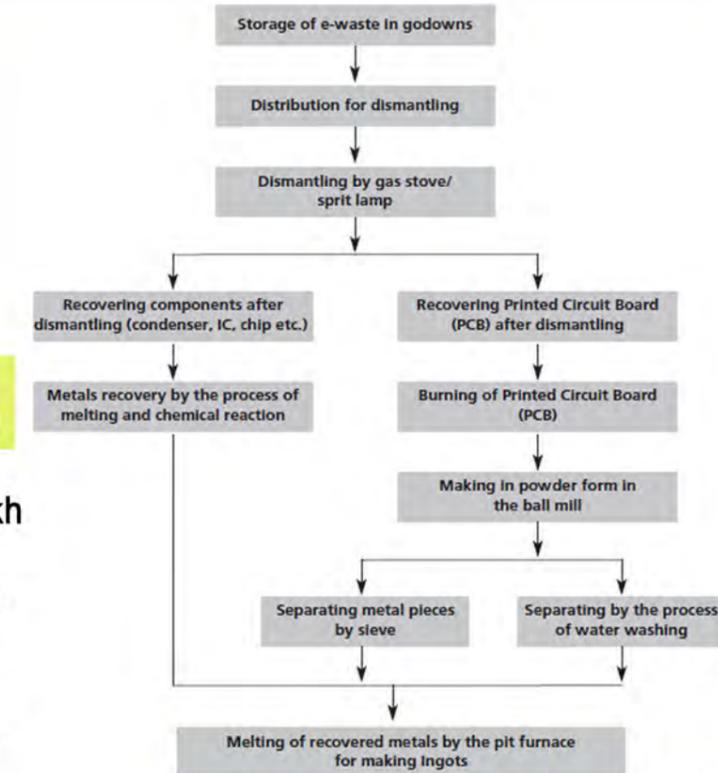
Active & Responsive
Governance



E-WASTE INDUSTRY DEVELOPMENT IN MORADABAD

1. Handicraft workers are now experienced at extracting metals from electronic products—computer monitors, CPUs, remote controls, radio transmitters, old mobile phones and keyboards
2. The e-waste in Moradabad comes from all the metro cities, majorly from New Delhi (Shastri Park, Silampur, Mundka and Mandoli), Mumbai, Kolkata, Bangalore and Chennai.
3. E-waste recycling has become a home business in the city, with most members in a family involved in processes right from dismantling to metal recovery.
4. Dismantling and recycling activities in Moradabad are carried out mostly in basements or rooftops of houses of people engaged in this business.
5. The work involves hammering dismantled gadgets and motherboards to extract copper, silver and gold from the circuits

E-WASTE PROCESSING IN MORADABAD



RESULTS FROM ANALYSIS OF WATER AND SOIL SAMPLES COLLECTED AT

Sample	Cu (ppm)	Ni (ppm)	Zn (ppm)	Cd (ppm)	Pb (ppm)	Cr (ppm)	As (ppb)	Hg (ppb)
Water samples								
Daswa ghat	ND	ND	ND	ND	ND	ND	5.30	ND
Ramganga Vihar Colony	ND	ND	ND	ND	ND	ND	5.03	ND
Ramganga D/S Katghar	ND	ND	0.35	ND	ND	ND	3.25	8.12
Soil samples								
Riverbank side	2485	45	1565	ND	618	20	633	ND
1 km distance from the Ramganga River (small pond-like areas)	24596	800	108322	13	736	136	954	ND

ND - not detected

RECOMMENDATIONS FOR EFFICIENT MANAGEMENT OF E-WASTE IN MORADABAD

- 1 Inventorization -It is estimated around 1.5 to 2 lakh people are involved in the business.
- 2 The dismantling and segregation of PCBs can be allowed at the household level in Moradabad.
- 3 Workers carry out segregation and dismantling with their bare hands and use a blow torch/ flame to loosen the soldering of PCBs, inhaling in the process noxious air fumes.
- 4 Gloves and masks can be provided to workers involved in this operation (mostly women and children).
- 5 E-waste will continue to find its way illegally to Moradabad unless the entire chain of supply is formalized.
- 6 The informal sector engaged in e-waste dismantling and metal recovery in Moradabad can be formalized with the intervention of an external agency such as an NGO or a government authority.
- 7 Organizing e-waste workers in Moradabad would allow workers to strengthen their trade and remain in business.
- 8 A strict ban on open burning and acid bath of PCBs have to be enforced by authorities in Moradabad.
- 9 Moradabad can cater to the incoming ewaste from Uttar Pradesh, NCR, New Delhi etc.
- 10 It is recommended shift the fuel in brass industries to CNG to reduce the emissions from the coal-fired furnaces that operate in every household in the middle of the city

RECOVERED METALS PER 1,000 KG OF E-WASTE

Recovered metal	Weight
Gold	279.93 g
Precious metals (Pt, Pd, In)	93.31 g
Copper	190.512 kg
Aluminium	145.152 kg
Lead and tin (Pb/Sn)	30.844 kg
Silver	450 g

NATURE AND EXTENT PROBLEM

A. How do PCBs travel to Moradabad?

- 1 Transporters in Moradabad buy PCBs from areas area of as Seelampur, Mandoli, Jafrabad, Badarpur and Mundka.
2. They buy PCBs, load them on their trucks or small tempos and sell them in Moradabad, where families buy them to separate metals. The PCBs are stored in godowns until families buy them.
3. As soon as they reach Moradabad, they are disbursed for fear of police clamp down. Some families travel to Delhi to buy PCBs and load them on small tempos to bring them back to Moradabad. Authorities say that around four to five trucks come every day to Moradabad from Delhi.

METAL RECOVERY PROCESS FROM E-WASTE

1. Segregation
2. Open burning
3. Grinding and washing
4. Acid bath

SMART CITY PROPOSAL FOR E-WASTE-

- 1 E-WASTE TREATMENT PLANT,
- 2 METAL RECOVERY PLANT.





Environmental Sustainability

Beautification and Development of Bank of River



FACILITIES



Conventional Chulha



NEERDHUR by CSIR-NEERI

CSIR- CECRI approved furnace for Brass Production

NEERDHUR

Multi-fuel Natural Draft Improved Domestic Cookstove

1. The Conventional furnace creates more pollution and toxic gasses.
2. It causes lung related issues to the artisans which makes Moradabad as highest T.B patients.
3. This furnace will resolve all the above issues.



OPEN THEATER



SEATING ARRANGEMENT WITH CANOPY



RESTING AREA



CHILDREN PARK

STREETSCAPING, STREET FURNITURE, URBAN NODES, OPEN SPACE DEVELOPMENT



10 km



SOLAR PANEL



Solar Lantern



16 Locations

Light up the streets in SMART way.

MAIN ISSUES

Lack of Infrastructure to improve environment

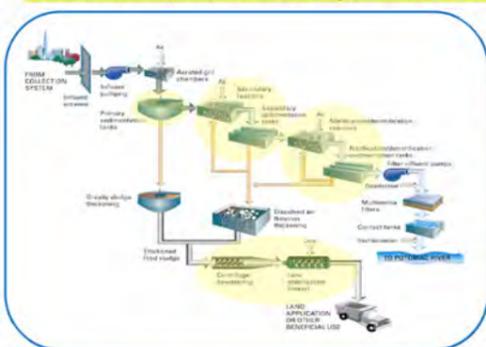
1. Lack of E-Waste Treatment facility in Moradabad. E-Waste from various Use of Old furnaces traditional methods and tools in Brass Industry.
2. Direct disposal of Brass waste into the river which is being directly discharged without metal recovery.
3. Use of coal based furnaces for brassware production which causes health issues to artisans and increase pollutions.
4. Pollution and encroachment on river bank. Poor management of open spaces & parks.
5. Lack of Solar based energy source



PROPOSAL

1. E-Waste Treatment & Metal Recovery plant.
2. CSIR- CECRI approved furnace for Brass Production.
3. Pedestrian Infrastructure & Street Furniture.
4. Beautification and Development of Bank of River Ramganga
5. Streetscaping, Street Furniture, Urban Nodes, Open space development
6. Redevelopment & Beautification of Parks.
7. Solar Roof Top on Government buildings.
8. Solar High Mast Light at junctions and public places,
9. Solar Lantern for street vendors.

E-WASTE TREATMENT & METAL RECOVERY PLANT AT PEETAL NAGRI, KARULA & GHANI KHANA



FOOTH PATH- 15km



ROUTE DETAILS

1. Ramganga Vihar- Peeli Kothi.
2. Peeli Kothi- Dist. Jail.
3. Dist. jail- Jigar Colony
4. Jigar Colony- Dist.Hospital.
5. Dist.Hospital-Peeli Kothi.

Foot Path
15km
ONE SIDED

Madhubani Park
Naveen Nagar
Jigar Colony
Dist. Hospital
KG School
Dist. Court
Dist. Jail



SMART CITY PROPOSAL

CONVERGENCE WITH GOVERNMENT PROJECTS	₹622cr
PUBLIC PRIVATE PARTNERSHIP	₹182cr
SMART CITY MISSION COST	₹964cr
Total O&M Cost	₹258cr
TOTAL LIFETIME PROJECT COST	₹2026cr

ABD PROJECT COST



₹211.8cr

MAKE IN MORADABAD



₹211.8cr

REUSE, REDUCE, RECYCLE & RETHINK



₹523.9cr

ACTIVE & RESPONSIVE GOVERNANCE



₹187.5cr

ENVIRONMENTAL SUSTAINABILITY

PAN CITY PROJECT COST



₹48cr

SUSTAINABLE ECONOMY



₹154cr

SMART GOVERNANCE

DEATILS OF REVENUE GENERATION FOR 10 YEARS

Summary of SPV Revenues (Rs. Crore)													
Project Head	Revenue Source	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	10-Yr Total Revenues
REVENUE FROM SMART CITY PROJECTS													
MAKE IN MORADABAD	BRASS BUSINESS FACILITATION BY BRASS MEASUREMENT, EXHIBITION, PROMOTION, INFORMATION CENTRE, SINGLE WINDOW CLEARANCE, TRAINING AND TRADE SUPPORT	0.00	0.00	0.00	13.58	20.78	28.26	36.04	44.11	52.49	53.54	54.61	₹ 303.42
MAKE IN MORADABAD	RECYCLED WATER FROM WASTE WATER TREATMENT PLANT & DISTRIBUTION NETWORK DEVELOPMENT	0.00	0.00	0.00	0.00	0.14	0.24	0.35	0.50	0.60	0.66	0.70	₹ 3.20
MAKE IN MORADABAD	BRASS COST COLLECTED FROM BRASS PARTICLE REMOVER PLANT	0.00	0.00	0.00	0.00	0.44	0.49	0.54	0.59	0.65	0.72	0.80	₹ 4.24
ECONOMIC SUSTAINABILITY	METAL COLLECTION FROM E-WASTE PLANT	0.00	0.00	0.00	1.68	2.52	4.24	5.71	7.11	8.29	10.27	11.98	₹ 51.80
ECONOMIC SUSTAINABILITY	BEAUTIFICATION AND DEVELOPMENT OF RAMGANGA RIVER BANK	0.00	0.00	0.00	0.00	0.23	0.36	0.49	0.61	0.75	0.93	1.13	₹ 4.51
ECONOMIC SUSTAINABILITY	REDEVELOPMENT & BEAUTIFICATION OF PARKS	0.00	0.00	0.00	0.06	0.11	0.17	0.24	0.26	0.27	0.28	0.30	₹ 1.69
ECONOMIC SUSTAINABILITY	ROOFTOP SOLAR PANELS ELECTRICITY GENERATION	0.00	0.00	0.00	0.00	0.96	1.19	1.38	1.49	1.53	1.53	1.53	₹ 9.62
REUSE, REDUCE, RECYCLE & RETHINK	RECYCLED WATER FROM DISTRIBUTION NETWORK OF TREATED WATER FROM CETP & STP	0.00	0.00	0.00	0.00	0.00	0.38	0.54	0.70	0.89	1.09	1.30	₹ 4.90
ACTIVE & RESPONSIVE GOVERNANCE	PROPERTY TAX FROM AREA COVERED BY ABD	0.00	0.00	0.98	1.22	1.46	1.72	1.99	2.05	2.11	2.18	2.24	₹ 15.96
ACTIVE & RESPONSIVE GOVERNANCE	WATER TAX FROM AREA COVERED BY ABD	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	₹ 2.7
ACTIVE & RESPONSIVE GOVERNANCE	VENDING ZONE DEVELOPMENT	0.0	0.0	0.8	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.9	₹ 16.9
ACTIVE & RESPONSIVE GOVERNANCE	MINI CLINIC DEVELOPMENT	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	₹ 2.9
SMART GOVERNANCE	E-ASPATAAL SERVICE	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	₹ 0.8
SMART GOVERNANCE	ADVERTISEMENT REVNUUE FROM VARRIABLE SIGN BOARDS	0.0	0.0	0.8	1.2	1.4	1.7	1.8	1.9	2.0	2.1	2.2	₹ 15.3
REVENUE FROM PPP PROJECTS													
MAKE IN MORADABAD	CAREER MITRA PROJECT	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	₹ 0.5
MAKE IN MORADABAD	BRASS PURCHASING, SELLING AND INFORMATION CENTERS	0.0	0.0	0.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	₹ 8.9
REUSE, REDUCE, RECYCLE & RETHINK	WATER ATMS	0.0	0.3	0.8	2.9	4.6	5.4	6.3	6.9	7.4	7.6	7.7	₹ 49.7
ACTIVE & RESPONSIVE GOVERNANCE	CITY COMMERCIAL CENTER AT PEELI KOTHI	0.0	0.0	0.0	0.0	12.5	22.2	22.2	22.2	22.2	22.2	22.2	₹ 145.7
ACTIVE & RESPONSIVE GOVERNANCE	MULTILEVEL PARKING FACILITY AT PEELI KOTHI	0.0	0.0	0.0	1.8	2.3	2.9	3.6	4.0	4.2	4.4	4.7	₹ 27.9
ACTIVE & RESPONSIVE GOVERNANCE	INTERNET FACILITY & WIFI ZONES	0.0	0.0	0.0	4.2	4.6	5.1	5.6	6.1	6.8	7.4	8.2	₹ 48.0
ACTIVE & RESPONSIVE GOVERNANCE	ON & OFF STREET PARKING FACILITY	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	₹ 1.2
SMART GOVERNANCE	DIGITAL SIGN BOARDS	0.0	0.0	0.0	2.0	2.5	3.0	3.5	4.1	4.8	5.6	6.1	₹ 31.6
Total Revenues Accruing to SPV		0.0	0.3	3.9	31.3	57.7	80.9	94.3	107.0	119.6	125.4	130.9	₹ 751.4





BRASS PARTICLE REMOVER PLANT

MAIN ISSUES

- Brass Industry, trade support and training institutes:
1. Use of traditional methods and tools in Brass Industry.
 2. Lack of industrial waste water treatment
 3. Lack of Skill development and training programs using modern tools.
 4. Lack of promotion and trade facilities to promote the Brass products at National & International platform



PROPOSAL

1. Strengthening Metal Handicraft Service Center
2. Brass Museum, Exhibition Center, Promotion & Information Centre at Peeli Kothi.
3. Career Mitra for Employment.
4. Brass Wastewater Treatment Plant and waste water Network.
5. Brass Particle Remover Plant from brass waste and disposal from Brass waste at Peetal Nagri and Faizganj
6. Cultural Events, Festivals, Promotions & Handicraft Mela for Brass promotions



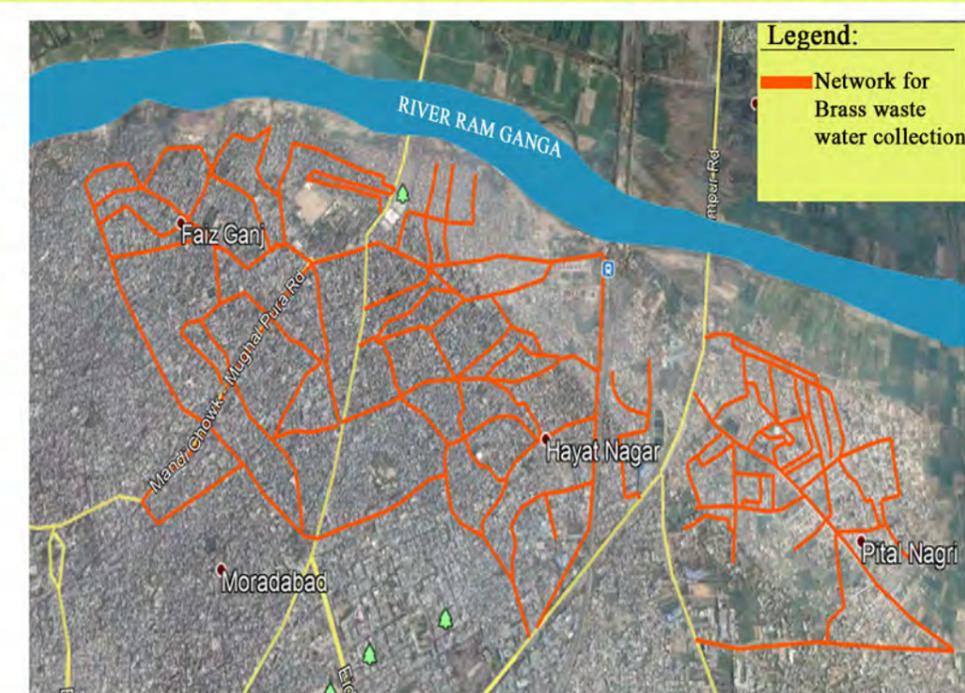
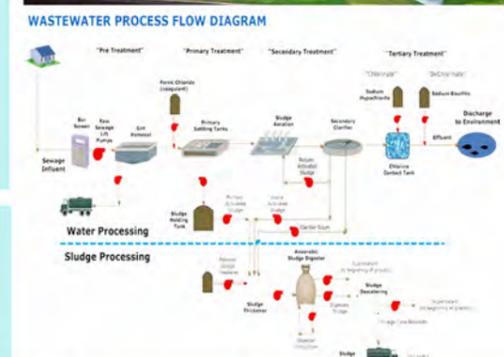
Preparing Industries Database & Employee Requirement by Brass Industries.

Skill Development Program for Brass Industries By MHSC

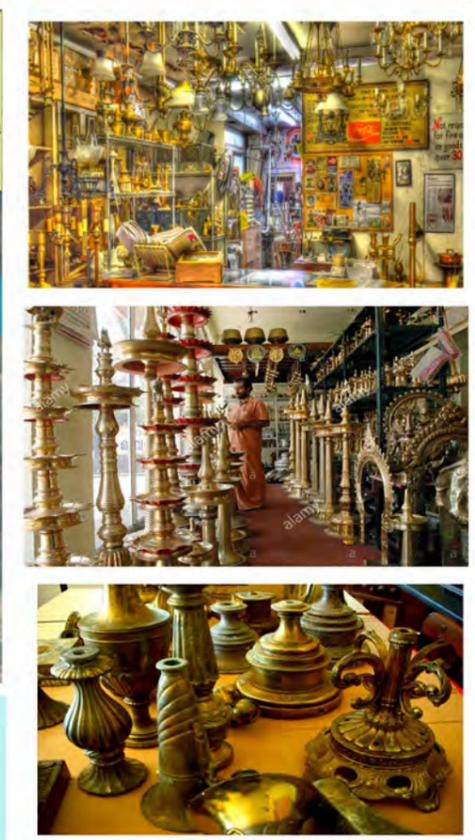
Preparing Database of skilled manpower By MHSC

1. Providing Employment to 30,000 person annually.
2. Reduction in Migration from the city.
3. Improvement in economic condition of the city.
4. Codination between Industries, Association, MHSC and Skilled Manpower.

BRASS WASTEWATER TREATMENT AT PEETAL NAGRI & FAIZGANJ



BRASS PROMOTION



1. Collection of Brass waste water which currently goes to River Ramganga and causing water pollution by development of 2 treatment plant of 20MLD capacity and 70km network.
2. The main purpose of this project is to collect, Treat and removal of Brass waste by scientific disposal.
3. Water quality improvement of river Ramganga and treatment of Industrial waste water for clean



मेरा मुरादाबाद स्मार्ट मुरादाबाद



Smart City MORADABAD

Annexure - II





मेरा मुरादाबाद स्मार्ट मुरादाबाद



Smart City MORADABAD

Annexure - III



MORADABAD SMART CITY PROPOSAL

ANNEXURE IV



Make in Moradabad



**Environmental
Sustainability**



**Reuse, Reduce, Recycle
& Rethink**



**Active & Responsive
Governance**

मेरा मुरादाबाद..... स्मार्ट मुरादाबाद



MORADABAD SMART CITY PROPOSAL



Make in Moradabad



Environmental Sustainability



Reuse, Reduce, Recycle & Rethink



Active & Responsive Governance

PAN-PROJECT COASTING

S.No.	Description of Components	Amount (Rs crore)	Convergence Scheme	Convergence (Rs crore)	PPP (Rs crore)	SCM (Rs crore)
Pan City Development						
A. SUSTAINABLE ECONOMY						
1	ICT Based Brass Workers database preparation, Health Checkups facilities and Medical (Medicine, Operations) for Brass Workers at District Hospital	20.0		-	-	20.00
2	ICT support for Ease of Doing Business, National & International Trade Support Centre at MHSC	2		-	-	2.00
3	Brass Purchasing & Information Centers at all entry points of Moradabad	3.00		-	3.00	-
4	Brass Festivals, National & International Promotions on various platform	20		-	-	20.00
5	ICT based Brass product database, design sample and online trade support	3.00				3.00
Sub Total - SUSTAINABLE ECONOMY		48		0	3	45
B. SMART GOVERNANCE						
1	Central Control & Command Centre development with integrated city services, emergency response system and monitoring system at Peeli Kothi	23.20		-		23.20
2	Intelligent Traffic Management System to provide safe, reliable and fast movement					
2a	Corridors and Route Development with feeder services & last mile connectivity for existing transport system	3		-	-	3.00
2b	Traffic Signal & Accessories for traffic management	11.02		-	-	11.02
2c	Junction Re-engineering & Improvements	2.65		-	-	2.65
2d	Surveillance System with Edge devices & sensors at Mid Block and Traffic Analytics, Simulation and Modelling-TIA software	10.80		-	-	10.80
2e	IT Infrastructure Establishment	1.32		-	-	1.32
2f	Active & Passive Networking	1.85		-	-	1.85
2g	Capacity Building for Traffic Management	0.58		-	-	0.58
2h	Area Traffic Control System with Traffic Violations Detection System (TVDS) - E-Ch	4.24		-	-	4.24
2i	Variable Message Signs for Road Safety improvement	4.21		-	-	4.21
2j	LED Display Board at Bus Depots and Real time bus arrival & Departure system	0.03		-	-	0.03
3	Data Centre Establishment for Smart City Management at Peeli kothi	18.00		-	-	18.00
4	Capacity Building of MNN for operation of Smart city projects and operations	10		-	-	10.00
5	GIS Based Property Mapping for property, utilities & services details for taxation improvement with Citizen Motivation campaign, rallies and training	5		-	-	5.00
6	ONE MORADABAD App and Website Development with integrated municipal servic	0.5		-	-	0.50
7	Data Digitization, Integration & Management of all department	8		-	-	8.00
8	Decentralized Solid Waste Management (Door to Door) with GPS & RFID based Bins and awareness program	17.78	MNN	8.78	-	9.00
9	E-Aspataal with all hospital services and data integration for ICT based medical serv	5.0		-	-	5.00
10	Air & Water Quality Monitoring Stations at Harthala, Delhi Road, Peetal Nagri, Duptyganj and Transport nagar	10.00	UPPCB	1.06	-	8.94
11	Smart Digital Sign Boards & Public Information Systems	16.80	PPP	-	16.80	-
Sub Total - SMART GOVERNANCE		154.0		9.8	16.8	127.3



IMPLEMENTATION PLAN

S.NO	Description of component	YEAR 1	YEAR 2				YEAR 3				YEAR 4				YEAR 5			
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Pan City Development																		
A. SUSTAINABLE ECONOMY																		
1	ICT Based Brass Workers database preparation, Health Checkups facilities and Medical (Medicine, Operations) for Brass Workers at District Hospital																	
2	ICT support for Ease of Doing Business, National & International Trade Support Centre at MHSC																	
3	Brass Purchasing & Information Centers at all entry points of Moradabad																	
4	Brass Festivals, National & International Promotions																	
5	Brassification of City Entry Points and open places																	
Sub Total - SUSTAINABLE ECONOMY																		
B. SMART GOVERNANCE																		
1	Central Control & Command Centre development with integrated city services, emergency response																	
2	Intelligent Traffic Management System to provide safe, reliable and fast movement																	
2a	Corridors and Route Development with feeder services & last mile connectivity for existing transport system																	
2b	Traffic Signal & Accessories for traffic management																	
2c	Junction Re-engineering & Improvements																	
2d	Surveillance System with Edge devices & sensors at Mid Block and Traffic Analytics Simulation and																	
2e	IT Infrastructure Establishment																	
2f	Active & Passive Networking																	
2g	Capacity Building for Traffic Management																	
2h	Area Traffic Control System with Traffic Violations Detection System (TVDS) - E-Challan																	
2i	Variable Message Signs for Road Safety improvement																	
2j	LED Display Board at Bus Depots and Real time bus arrival & Departure system																	
3	Data Centre Establishment for Smart City Management at Peeli kothi																	
4	Capacity Building of MNN for operation of Smart city projects and operations																	
5	GIS Based Property Mapping for property, utilities & services details for taxation improvement with Citizen Motivation campaign, rallies and training																	
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8	Decentralized Solid Waste Management (Door to Door) with GPS & RFID based Bins and awareness program																	
9	E-Aspataal with all hospital services and data integration																	
10	Air & Water Quality Monitoring Stations at Harthala, Delhi Road, Peetal Nagri, Duptyganj and Transport nagar																	
11	Smart Digital Sign Boards & Public Information Systems																	



ICT BASED BRASS WORKERS



60% Brass Artisans are TB patient



ICT Based Brass workers, data base preparation.



Health facility smart

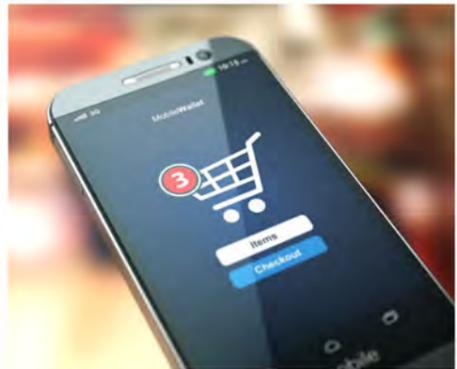


Regular checkup



100% Health facilities for Brass workers in 3 years.

ONLINE TRADE SUPPORT



BRASS PURCHASING & INFORMATION CENTERS



BRASS FESTIVALS, NATIONAL & INTERNATIONAL PROMOTIONS ON VARIOUS PLATFORM

NATIONAL & INTERNATIONAL TRADE SUPPORT CENTRE AT MHSC



PHASING-ABD PROJECT

S.No.	Description of Components	O&M (Rs. Cost)																				O&M Cost (Rs crore)	Life Time Costs (Rs crore)							
		Year 1	Year 2				Year 3				Year 4				Year 5				Yr 1	Yr 2	Yr 3			Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
C. REUSE, REDUCE, RECYCLE & RETHINK																														
1	Piped Gas Distribution Network in city to provide green energy for industrial, commercial & personal use with CNG Gas stations at 3 places to promote green energy	27.10	27.10	27.10	27.10	27.10	27.10	27.10	54.20	54.20	54.20	27.10	27.10	27.10	27.10	27.10	27.10	-	-	-	-	-	-	-	-	-	-	0.0	542.0	
2	LED based smart Street Light by replacing conventional street lights to save electricity uses and municipal revenue	-	-	8.60	11.47	8.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	28.7	
3	Solar based Water ATMs in city for safe and quality d	-	1.00	1.00	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4.0		
4	Distribution Network of Treated Water from CETP & STP in Peetal Nagri, Hayat Nagar, Faizganj, Ghani Khana and Peer Gali	-	-	-	-	-	-	-	-	7.50	7.50	7.50	7.50	7.50	7.50	5.00	-	-	-	-	-	0.90	2.10	2.50	2.50	2.50	2.50	13.0	63.0	
5	Ground water recharge by Rain Water Harvesting and percolated layer in Government buildings	-	-	-	-	-	1.2	1.2	1.6	1.6	1.2	1.2	-	-	-	-	-	-	-	-	0.40	0.40	0.40	0.40	0.40	0.40	2.8	10.8		
Sub Total - REUSE, REDUCE, RECYCLE & RETHINK		27.1	28.1	36.7	39.6	36.7	29.3	28.3	55.8	55.8	62.9	35.8	34.6	34.6	34.6	34.6	32.1	27.1	0.0	0.0	0.0	0.4	1.3	2.5	2.9	2.9	2.9	2.9	15.8	648.5
D. ACTIVE & RESPONSIVE GOVERNANCE																														
1	City Commercial Centre Development	-	-	-	-	12.0	24.0	24.0	24.0	24.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120.0	
2	Utility Duct for underground services of electricity, water, drainage, telephone lines and gas pipeline	-	6.6	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	6.6	-	-	-	-	-	-	-	1.39	3.96	3.96	3.96	3.96	3.96	3.96	29.1	161.1	
3	Network Strengthening, Capacity enhancement & Smart Metering to Strengthen Electric Supply	-	5.0	10.0	10.0	10.0	10.0	5.0	-	-	-	-	-	-	-	-	-	-	-	0.70	1.35	1.20	1.20	1.20	1.20	1.20	9.3	59.3		
4	Strengthening Water Supply Network Augmentation SCADA & Smart Metering and Water treatment plant	1.8	3.6	7.2	9.0	10.8	3.6	-	-	-	-	-	-	-	-	-	-	-	-	0.65	0.72	0.93	0.93	0.93	0.93	0.93	6.9	42.9		
5	Internet facility by Wifi Zones	-	-	3.6	3.6	3.6	3.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	17.9		
6	Retrofitting of Old area (Budh Bazaar, Duptyganj, Gurhatti, Daulatbagh and Townhall)	-	-	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	-	-	-	-	-	-	1.17	3.51	5.98	6.50	6.50	6.50	6.50	43.160	173.2		
7	E-Kiosks at Zonal offices for improved citizen services	-	-	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	0.9		
8	Digital Pathsala by provision of Smart Classes	-	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	5.0		
9	Vending Zones at Buddh Bazaar, Gurhatti, Kachehri and Duptyganj	-	-	0.8	1.0	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	2.6		
10	Solar Based Smart Toilets with Zero Disposal	-	-	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	2.0		
11	On-Street Parking using containers at the height of 6m above roads	-	0.120	0.120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	0.2		
12	Off-Street Parking using containers	-	-	0.075	0.075	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	0.2		
13	Underground Parking at Company Bagh Garden	-	-	-	2.500	2.500	2.500	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Mini Clinic at Naveen Nagar, Peeli Kothi, Dutyganj, Budh Bazaar and Jigar Colony	-	-	0.800	1.200	1.200	0.800	-	-	-	-	-	-	-	-	-	-	-	-	0.08	0.12	0.12	0.08	0.40	0.40	0.40	0.40	2.000	6.0	
15	Junction improvement, Signal provisions, Safety Provisions, Road Maintenance and Road Infrastructure Improvement	-	3.96	3.96	3.96	1.32	-	-	-	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7	1.3	1.3	1.3	1.3	9.240	22.4		
Sub Total - ACTIVE & RESPONSIVE GOVERNANCE		1.8	20.3	54.7	59.5	69.9	72.2	61.3	50.2	50.2	38.2	26.2	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4.6	10.3	12.8	14.0	14.3	14.3	14.3	99.7	613.7	



PHASING-PAN PROJECT

S.No.	Description of Components	O&M (Rs. Cost)																				O&M Cost (Rs crore)	Life Time Costs (Rs crore)																	
		Year 1	Year 2				Year 3				Year 4				Year 5				Yr 1	Yr 2	Yr 3			Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10										
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			Q4																
Pan City Development																																								
A. SUSTAINABLE ECONOMY																																								
1	ICT Based Brass Workers database preparation, Health Checkups facilities and Medical (Medicine, Operations) for Brass Workers at District Hospital	-	4.00	6.00	6.00	4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	4.800	24.8	
2	ICT support for Ease of Doing Business, National & International Trade Support Centre at MHSC	-	-	0.50	0.50	0.50	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.16	
3	Brass Purchasing, Selling and Information Centers at all entry points of Moradabad	-	-	-	-	-	0.75	0.75	0.75	0.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
4	Brass Festivals, National & International Promotions	-	-	-	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	20.00		
5	Brassification of City Entry Points and open places	-	-	-	-	-	0.75	0.75	0.75	0.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	4.05	
Sub Total - SUSTAINABLE ECONOMY		0.00	4.00	6.50	8.50	6.50	4.00	3.50	3.50	3.50	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.77	6.01	54.01															
B. SMART GOVERNANCE																																								
1	Central Control & Command Centre development with integrated city services, emergency response system and monitoring system at Peeli Kothi	-	-	2.32	5.80	8.12	6.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	31.67	
2	Intelligent Traffic Management System to provide safe, reliable and fast movement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2a	Corridors and Route Development with feeder services & last mile connectivity for existing transport system	-	0.30	0.60	0.60	0.90	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	4.11
2b	Traffic Signal & Accessories for traffic management	-	1.10	2.20	2.20	3.31	2.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	4.1	15.1	
2c	Junction Re-engineering & Improvements	-	0.27	0.53	0.53	0.80	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0	3.6		
2d	Surveillance System with Edge devices & sensors at Mid Block and Traffic Analytics, Simulation and	-	1.08	2.16	2.16	3.24	2.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.0	14.8		
2e	IT Infrastructure Establishment	-	0.13	0.26	0.26	0.40	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	1.8		
2f	Active & Passive Networking	-	0.19	0.37	0.37	0.56	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	2.5		
2g	Capacity Building for Traffic Management	-	0.06	0.12	0.12	0.17	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8		
2h	Area Traffic Control System with Traffic Violations Detection System (TVDS) - E-Challan	-	0.42	0.85	0.85	1.27	0.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.6	5.8		
2i	Variable Message Signs for Road Safety improvement	-	0.42	0.84	0.84	1.26	0.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.6	5.8		
2j	LED Display Board at Bus Depots and Real time bus arrival & Departure system	-	0.00	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	Data Centre Establishment for Smart City Management at Peeli kothi	-	1.80	3.60	3.60	5.40	3.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.2	22.2		
4	Capacity Building of MNN for operation of Smart city projects and operations	-	1.00	2.00	2.00	3.00	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.7	13.7		
5	GIS Based Property Mapping for property, utilities & services details for taxation improvement with Citizen Motivation campaign, rallies and training	-	0.50	1.00	1.00	1.50	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	1.9	6.9		
6	ONE MORADABAD App and Website Development with integrated municipal services	-	0.05	0.20	0.20	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7		
7	Data Digitization, Integration & Management of all department	-	0.80	1.60	1.60	2.40	1.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.9	9.9		
8	Decentralized Solid Waste Management (Door to Door) with GPS & RFID based Bins and awareness program	-	1.78	3.56	3.56	5.33	3.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.8	0.5	0.5	0.5	0.5	0.5	0.5	3.9	21.7		
9	E-Aspataal with all hospital services and data integration	-	0.50	1.00	1.00	1.50	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	1.9	6.9		
10	Air & Water Quality Monitoring Stations at Harthala, Delhi Road, Peetal Nagri, Dupyganj and Transport nagar	-	1.00	2.00	2.00	3.00	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.5	0.4	0.4	0.4	0.4	0.4	0.4	3.4	13.4		
11	Smart Digital Sign Boards & Public Information Systems	-	1.68	1.68	2.52	2.52	2.52	2.52	1.68	1.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	16.8		
Sub Total - SMART MOBILITY		0	13	27	31	45	32	3	2	2	0	0	0	0	0	0	3	6	44.16	198.14																				
Total - Pan City Proposal		0.00	17.08	33.40	39.72	51.23	36.18	6.02	5.18	5.18	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	6.62	50.17	252.15																

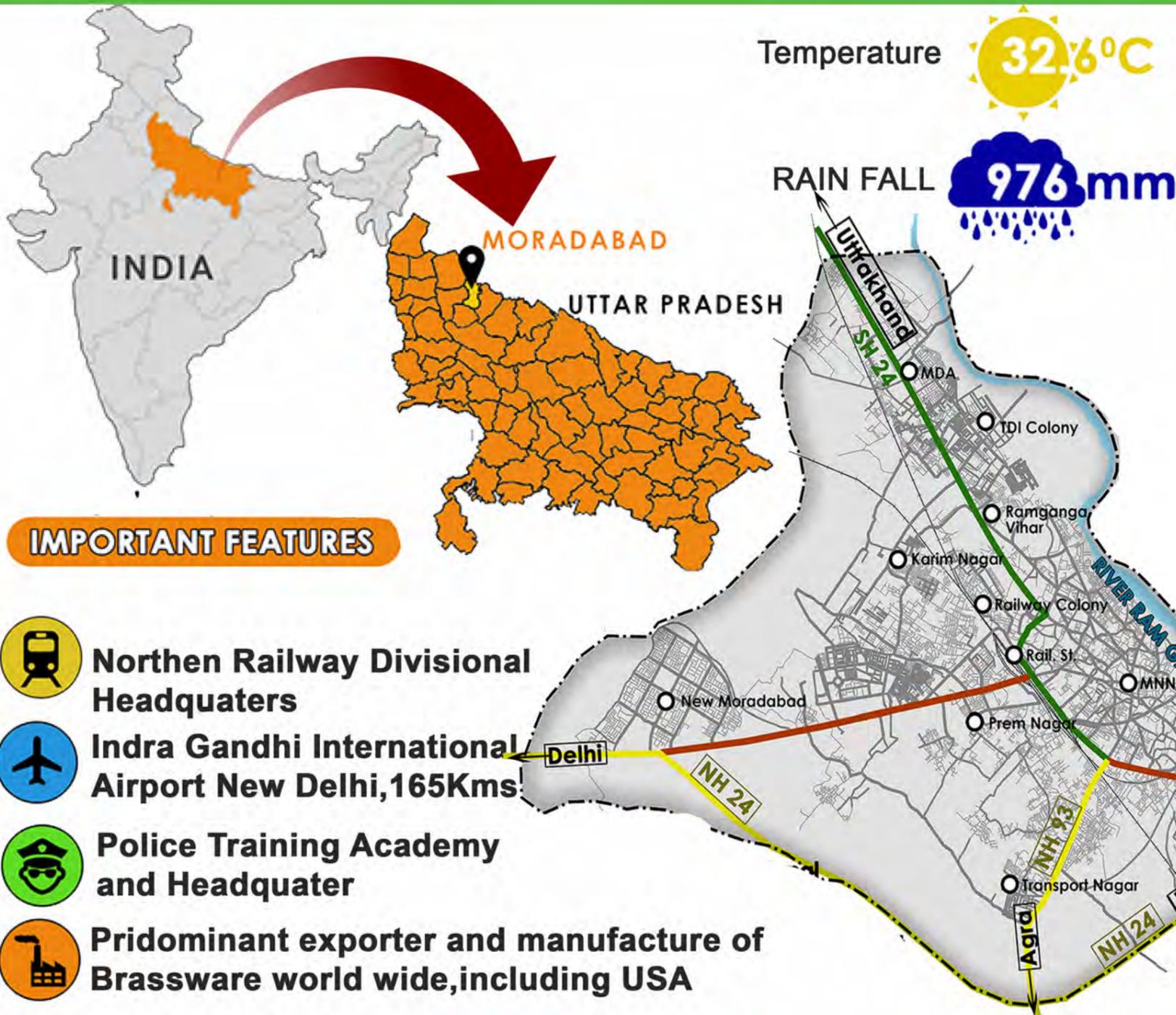


PHASING-ABD PROJECT

S.No.	Description of Components	O&M (Rs. Cost)																				O&M Cost (Rs crore)	Life Time Costs (Rs crore)							
		Year 1	Year 2				Year 3				Year 4				Year 5				Yr 1	Yr 2	Yr 3			Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
Area Based Development																														
A. MAKE IN MORADABAD																														
1	Strengthening Metal Handicraft Service Center for Brass Research & Skill Development Centre with brass industry infrastructure at MHSC, Peetal Nagri	-	-	15.00	20.00	30.00	30.00	5.00	-	-	-	-	-	-	-	-	-	-	-	-	3.0	3.0	3.0	3.0	3.0	3.0	3.0	21.0	121.0	
2	Brass Museum, Exhibition Center, Promotion & Information Centre with single window clearance system for supporting brass industries at Peeli Kothi	-	-	-	0.86	1.14	1.71	1.71	0.29	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	1.9	7.6	
3	Career Mitra for Employment in Brass Industry at Peeli Kothi	-	-	0.02	0.03	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.1	
4	Brass Wastewater Treatment Plant and waste water network development at Peetal Nagri & Faizgani	-	-	-	-	-	3.75	9.38	9.38	18.75	18.75	7.50	3.75	3.75	-	-	-	-	-	-	2.1	3.8	3.8	3.8	3.8	3.8	3.8	28.3	103.3	
5	Brass Particle Remover Plant from brass waste and disposal from Brass waste at Peetal Nagri and Faizganj MHSC	-	-	3.20	4.00	4.80	3.20	0.80	-	-	-	-	-	-	-	-	-	-	-	0.8	0.0	0.0	0.2	0.2	0.2	0.2	0.0	1.6	17.6	
6	Cultural Events, Festivals, Promotions, & Handicraft Mela for Brass promotions	-	-	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	15.0	
Sub Total - MAKE IN MORADABAD		0.0	0.0	19.7	26.4	37.5	40.2	18.4	11.2	20.3	20.3	9.0	5.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9	6.9	7.0	7.2	7.2	7.3	7.2	7.1	52.79	264.59
B. ENVIRONMENT SUSTAINABILITY																														
1	E-Waste Treatment Plant at MHSC Peetal Nagri, Karula & Ghani Khana	-	-	9.00	9.00	9.00	3.00	-	-	-	-	-	-	-	-	-	-	-	-	0.81	1.44	1.05	1.05	1.05	1.05	1.05	1.05	8.6	38.6	
2	Metal Recovery plant from E-Waste at MHSC Peetal Nagri, Karula & Ghani Khana	-	-	4.50	4.50	4.50	1.50	-	-	-	-	-	-	-	-	-	-	-	-	0.41	0.72	0.75	0.75	0.75	0.75	0.75	0.75	5.6	20.6	
3	CSIR- CECRI approved furnace to brass industries for improved health of artisans and economic benefit	-	-	13.50	13.50	13.50	4.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	45.0	
4	Pedestrian Infrastructure & Street Furniture for providing safe movement	-	-	-	3.15	3.15	3.15	1.05	-	-	-	-	-	-	-	-	-	-	-	0.32	0.44	0.53	0.53	0.53	0.53	0.53	0.53	3.9	14.4	
5	Beautification and Development of Bank of Ramganga River	-	-	-	-	-	1.20	1.20	1.80	2.40	2.40	2.40	0.60	-	-	-	-	-	-	-	0.5	0.5	0.6	0.6	0.6	0.6	0.6	3.9	15.9	
6	Streetscaping, Street Furniture, Urban Nodes, Open space development	-	-	0.90	1.50	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	3.7	
7	Redevelopment & Beautification of Parks to increase green cover with year round cultural calander and activity chart	-	-	-	1.72	1.72	1.72	0.57	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	6.31	
8	Solar Roof Top on Government buildings to generate solar energy and save electricity	-	12.0	12.0	18.0	12.0	6.0	-	-	-	-	-	-	-	-	-	-	-	-	1.62	1.80	2.10	2.10	2.10	2.10	2.10	2.10	16.0	76.0	
9	Solar High Mast Light at junctions and public places	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.18	0.8	
10	Solar Lantern for street vendors to save energy and social benefits	-	-	0.4	0.4	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.4	1.6	
Sub Total - ENVIRONMENT SUSTAINABILITY		0.0	12.3	40.6	51.7	44.8	21.2	2.8	1.8	2.4	2.4	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.4	5.1	5.1	5.3	5.3	5.3	5.3	5.3	39.9	223.0	



DEMOGRAPHY-2011



Description	
City	Moradabad
Government	Municipal Corporation
Urban Agglomeration	Only City
State	Uttar Pradesh

IMPORTANT FEATURES

- Northern Railway Divisional Headquarters
- Indra Gandhi International Airport New Delhi, 165Kms
- Police Training Academy and Headquarter
- Pridominant exporter and manufacture of Brassware world wide, including USA

Moradabad City	Total	Male	Female
City Population	887,871	464,580	423,291
Literates	530,584	291,605	238,979
Children (0-6)	116,149	60,803	55,346
Average Literacy (%)	68.75 %	72.22 %	64.95 %
Sexratio	911		
Child Sexratio	910		

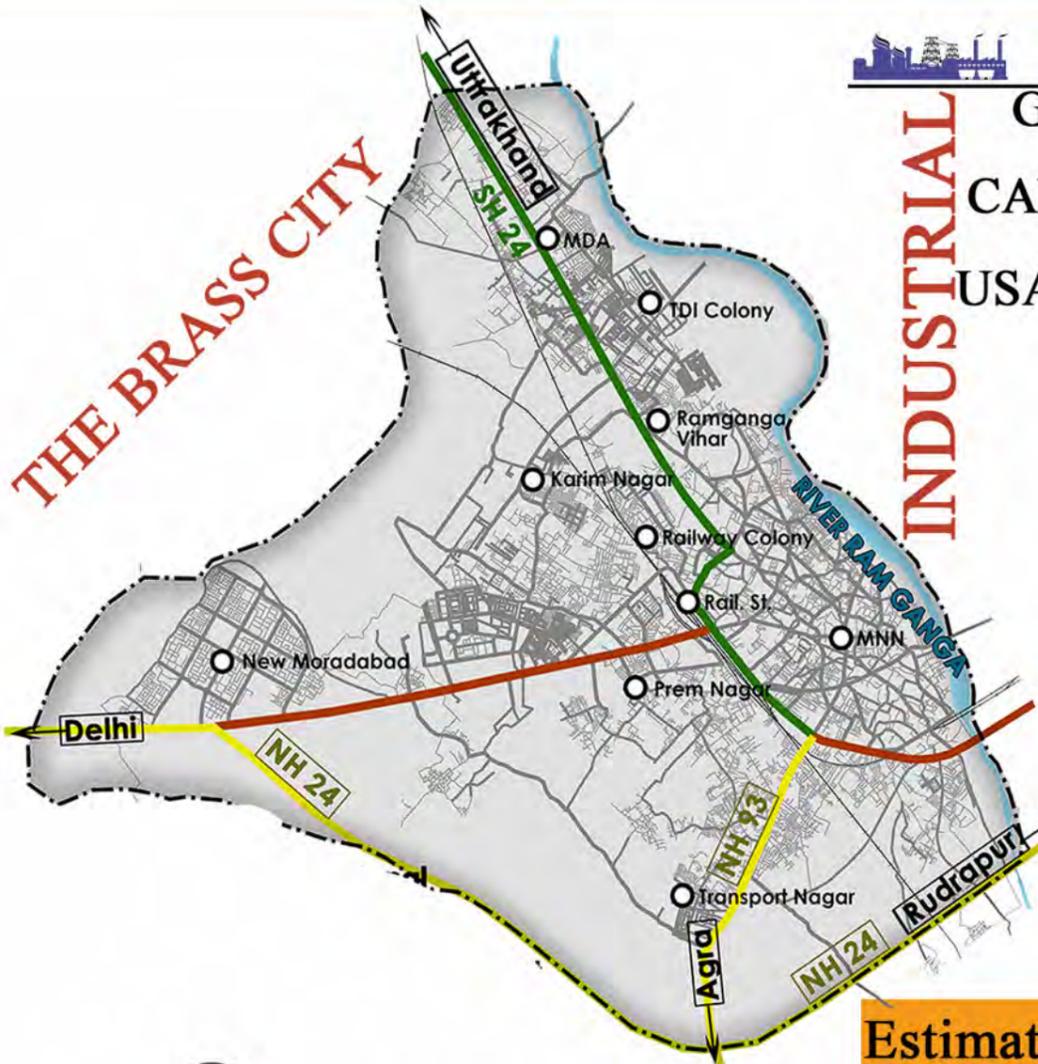
Description	Total	Percentage
Hindu	458,854	51.68 %
Muslims	415,448	46.79 %
Christian	5,412	0.61 %
Sikh	3,774	0.43 %
Not Stated	2,460	0.28 %
Jain	1,365	0.15 %
Buddhist	259	0.03 %
Others	299	0.03 %

70% Increase in area

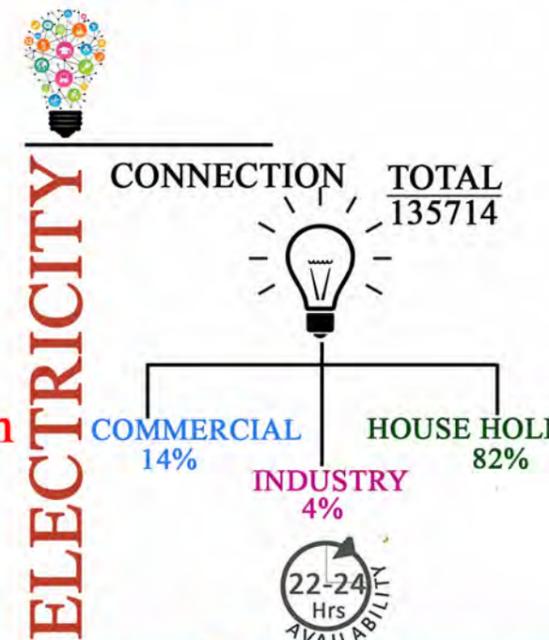
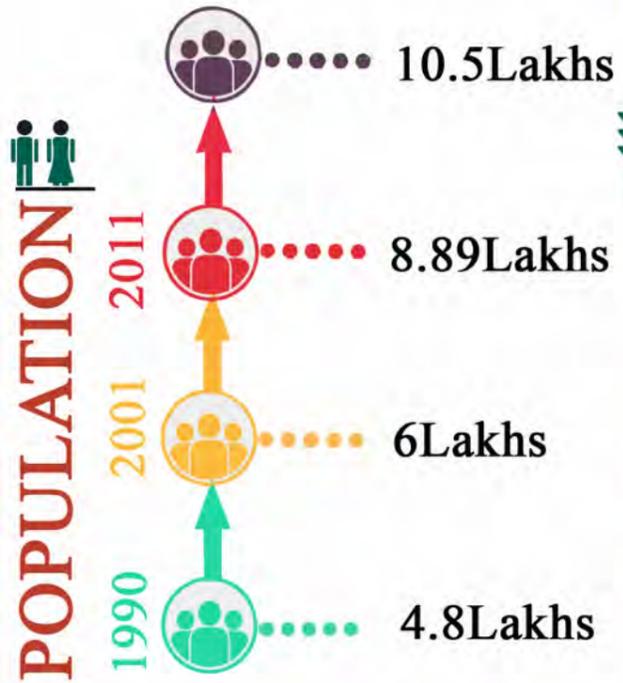
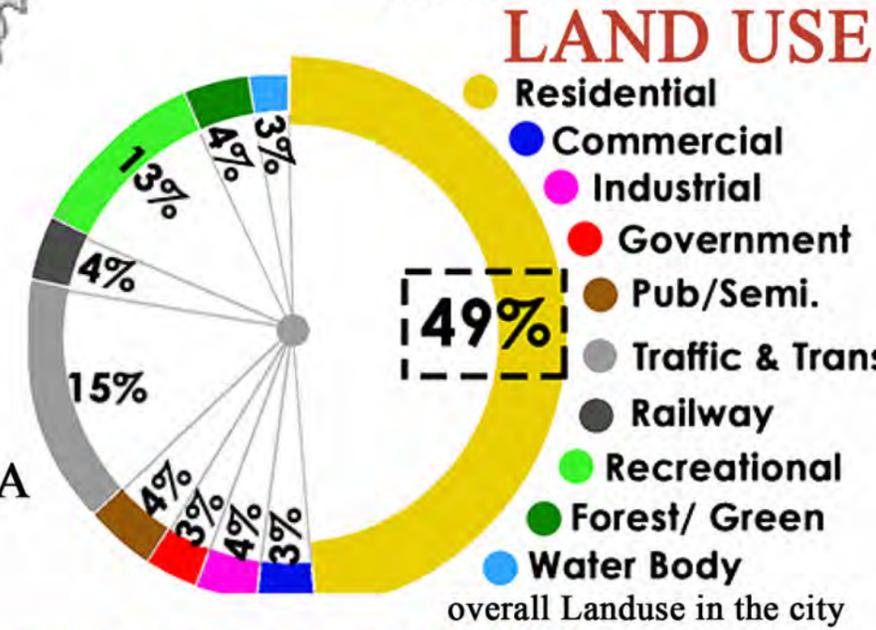


CITY AREA : 92 sqkm





Estimated Annual Turnover of Rs.3200 crore in FY2016-17





CONTROL AND COMMAND CENTER



SITI CNG/PNG PROJECT



Making CNG Connections all over the City with affordable Prize
SMART LED STREET LIGHT

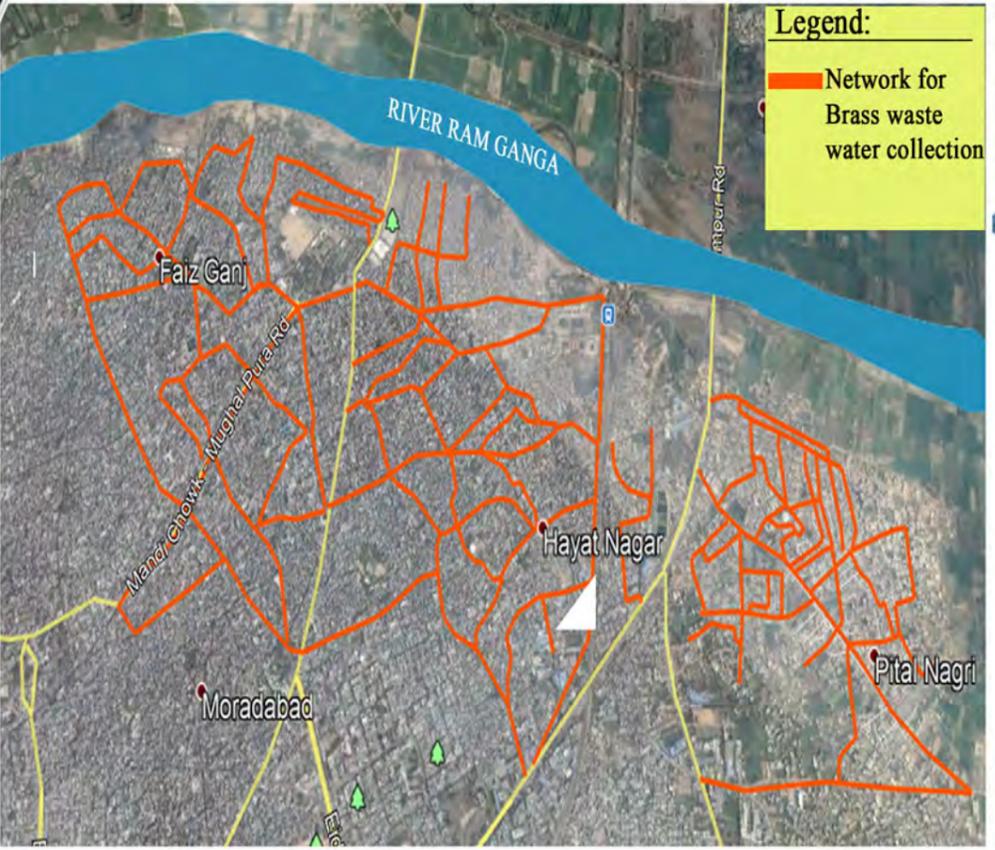


WATER ATM FOR SAFE DRINKING WATER

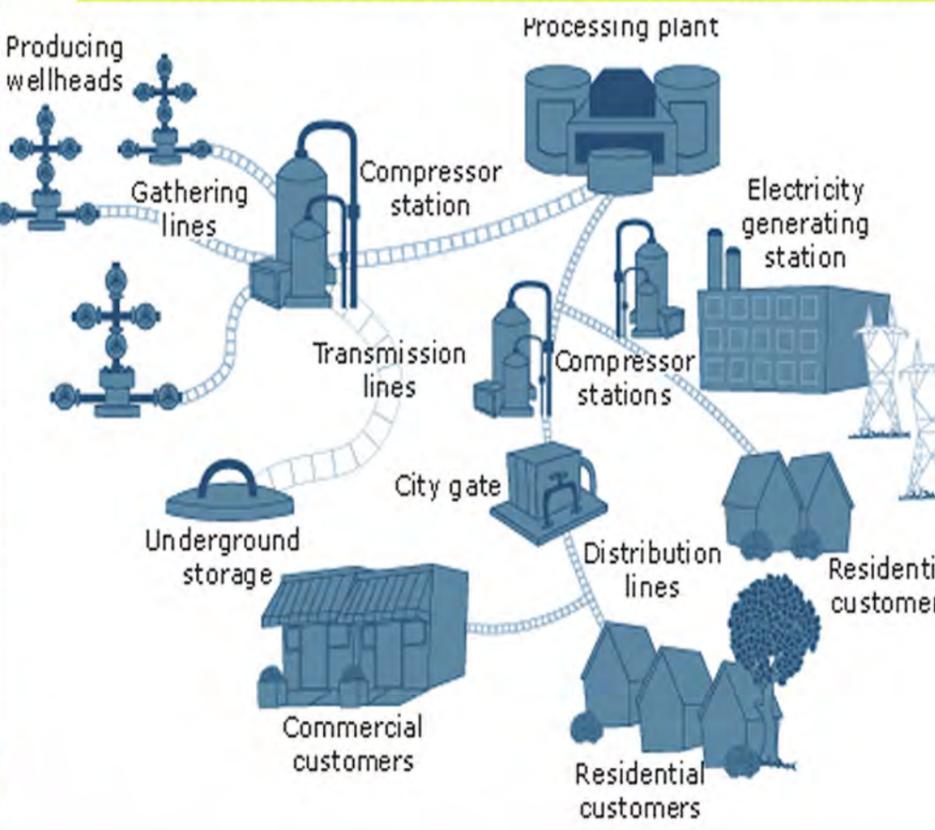


■ WATER ATM AT 50 LOCATION
■ CNG FILLING STATION

DISTRIBUTION NETWORK OF TREATED WATER



PIPED GAS DISTRIBUTION NETWORK



RAIN WATER HARVESTING





CORRIDORS AND ROUTE DEVELOPMENT

Route 1: 10.4km Railway station-Peeli kothi-Naveen Nagar-Ramganga vihar-kothi wal dental

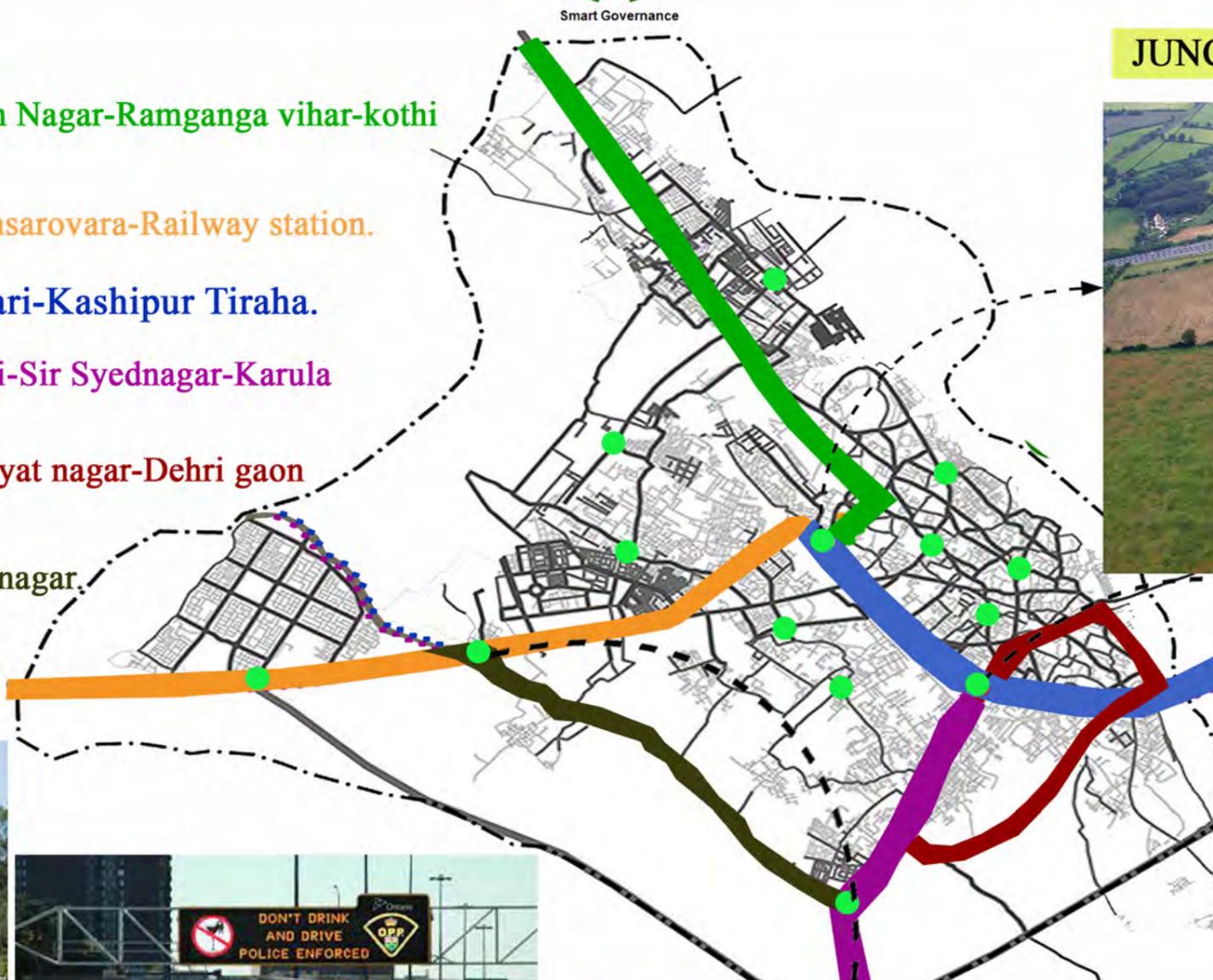
Route 2: 10km Pakwara-Majhola-Vikas colony-Mansarovara-Railway station.

Route 3: 7km Railway station-Shivpuri-Peetal nagari-Kashipur Tiraha.

Route 4: 5.5km Mangupura-Adarshnagar-Chandhusi-Sir Syednagar-Karula Transport Nagar-Moradabad bypass.

Route 5: 7km Mangupura-Peer gali-Peetal nagari-Hayat nagar-Dehri gaon Rehmat nagar-Ram Rahim nagar-Karula.

Route 6: 6km Buddhi vihar-Lakdi fajalpur-Transport nagar.



JUNCTION RE-ENGINEERING



● LOCATION OF JUNCTION IMPROVEMENT

INTELLIGENT TRAFFIC MANAGEMENT SYSTEM



TRAFFIC SIGNALS

IT INFRASTRUCTURE



TRAFFIC SURVEILLANCE CAMERA
RLVD CAMERA

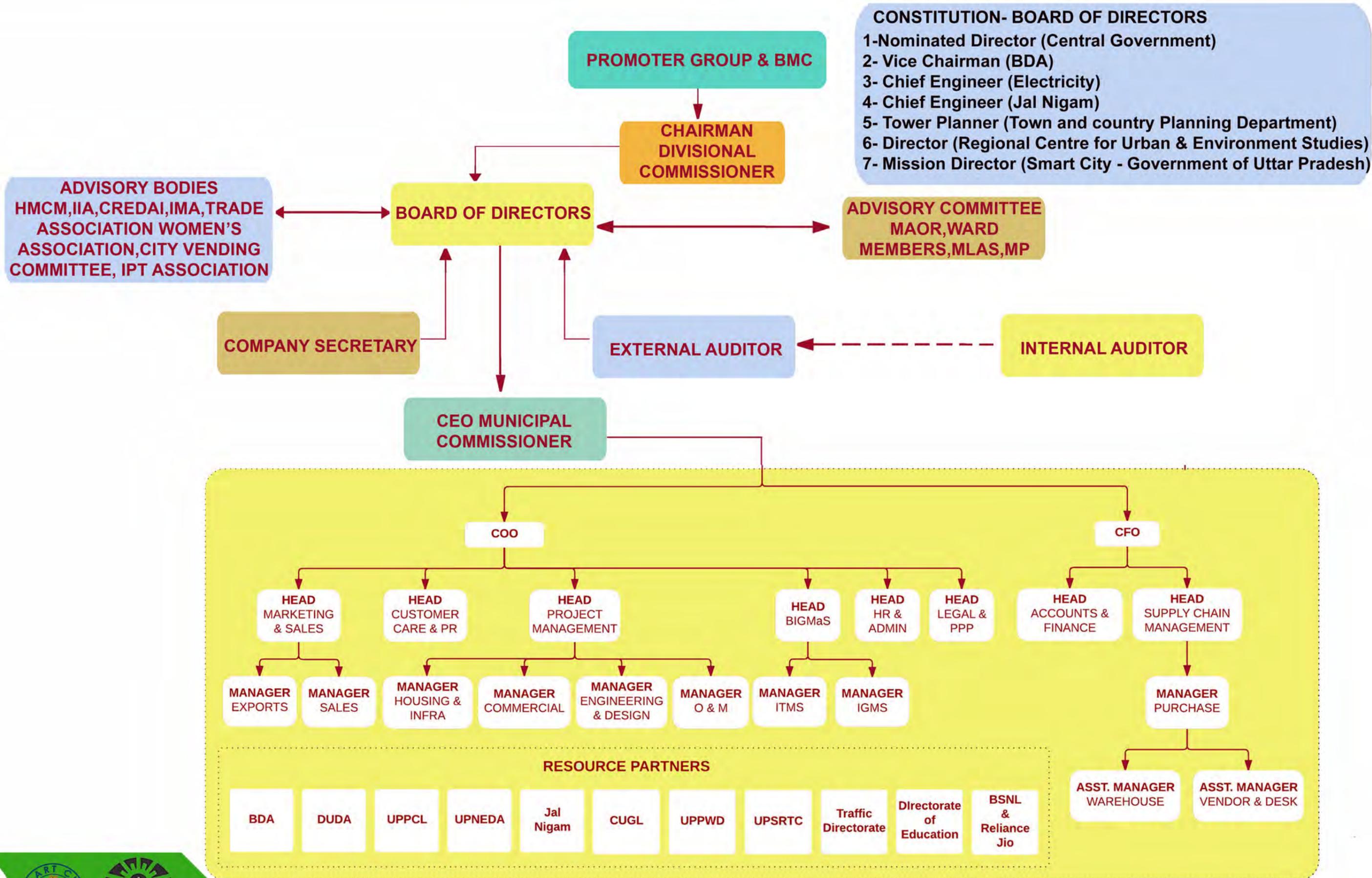
DECENTRALIZED SOLID WASTE MANAGEMENT (DOOR TO DOOR)



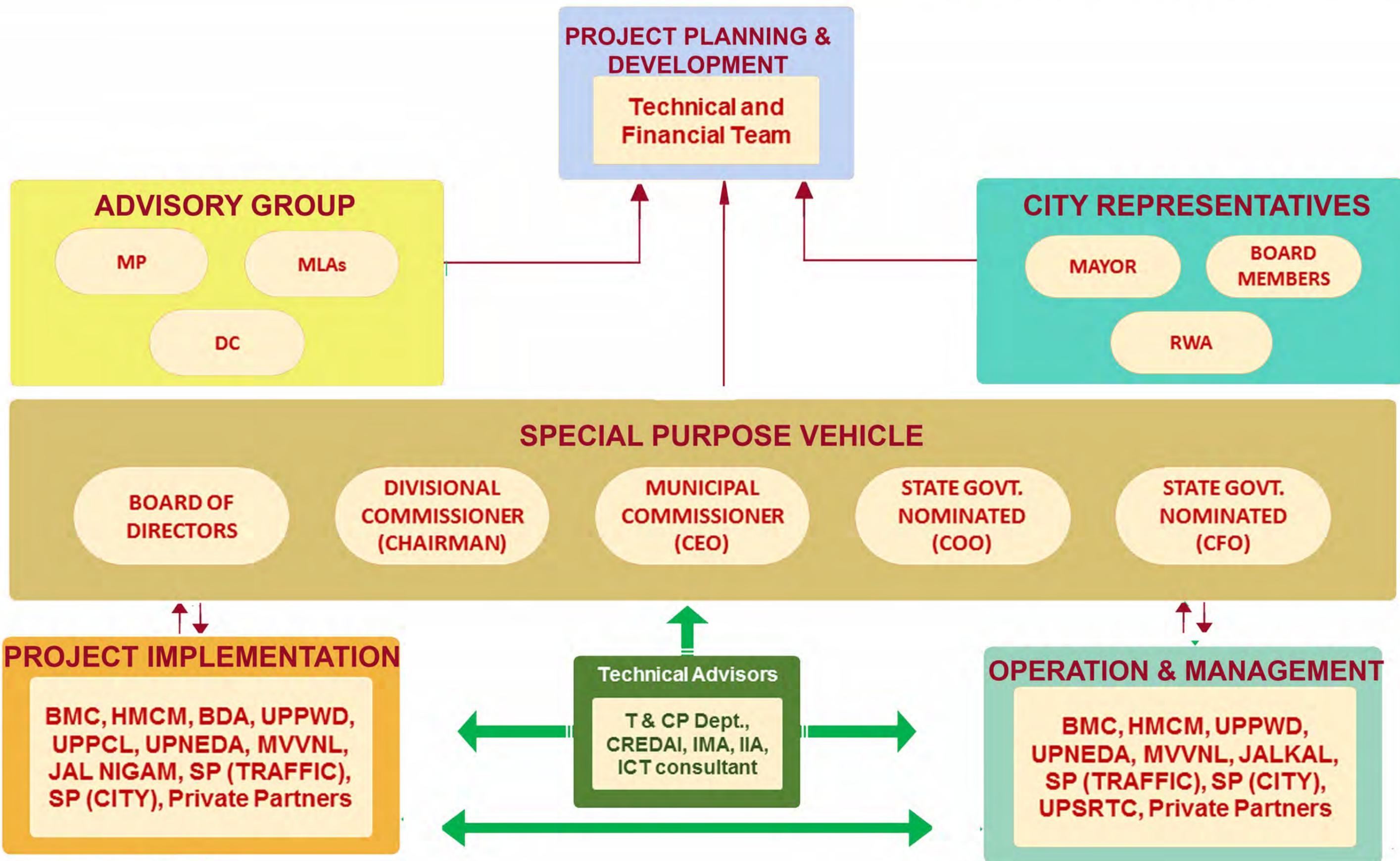
APP AND WEBSITE DEVELOPMENT

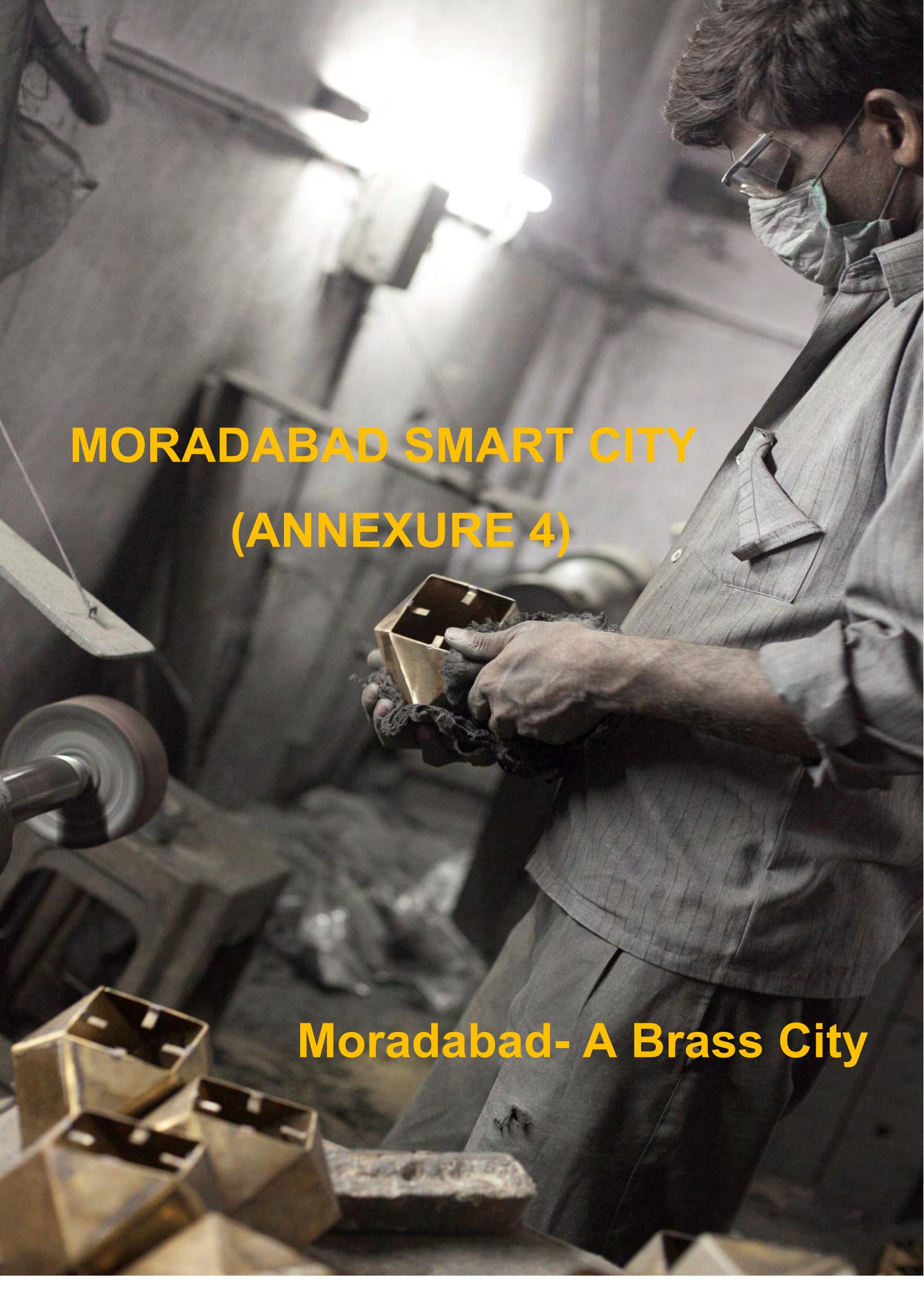


SPV ORGANISATION



SPV ORGANOGRAM



A craftsman wearing a grey shirt, a white surgical mask, and safety glasses is working in a workshop. He is holding a small, square brass component and polishing it with a dark, textured cloth. In the foreground, several other similar brass components are visible, some stacked. The background shows a workshop environment with various tools and equipment, including a grinding wheel on the left. The lighting is focused on the craftsman and his work.

**MORADABAD SMART CITY
(ANNEXURE 4)**

Moradabad- A Brass City

TABLE OF CONTENT

- 1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE**
- 2. APPROVAL OF SMART CITY PROPOSAL BY MUNICIPAL BODY**

4.1. CITY PROFILE

4.2. ADMINISTRATIVE EFFICIENCY

4.3. SWOT ANALYSIS

4.4. CONVERGENCE

4.5. MEMORANDUM OF UNDERSTANDING (MoU)

4.6. LETTERS OF SUPPORT

4.7. MITIGATION MEASURES

4.8. MISCELLANEOUS

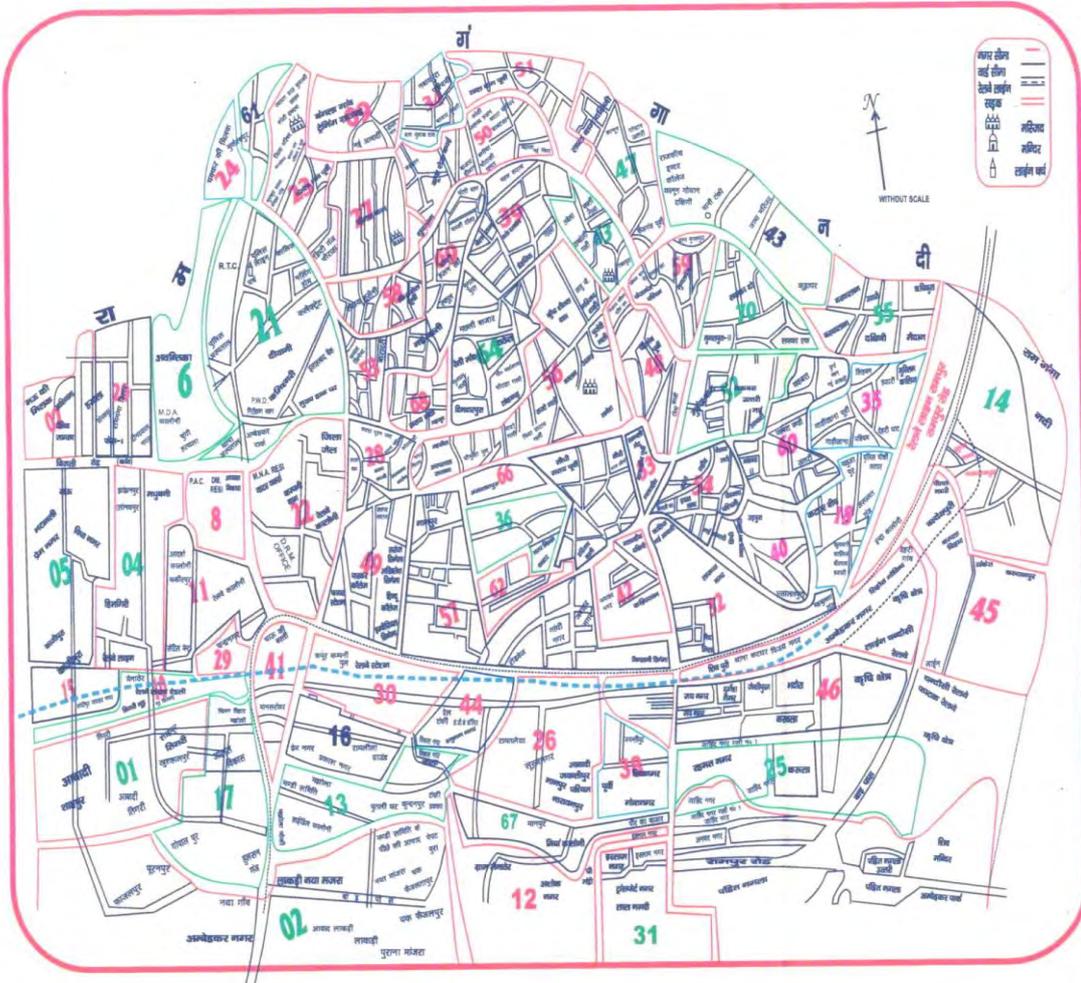


Annexure 4.1 City Profile



4.1 City Profile: Ward Map

नगर निगम मुरादाबाद



महानगर की कुल क्षेत्रफल-75 वर्ग किलोमीटर

महानगर की कुल जनसंख्या 8 लाख 79 हजार

कुल वार्ड-70

आरक्षित महिला अनु. जाति - 8,9,11

आरक्षित महिला पिछड़ी जाति - 2,4,48,51,52,60

जनरल महिला- 15 वार्ड

कुल 24 वार्ड

आरक्षित पुरुष अनु. जाति - 10,12,13,14,

आरक्षित पुरुष पिछड़ वर्ग - 5,6,7,24,29,30,38,

44,47,50,57,67 कुल = 12

पुरुष जनरल-30

कुल -46 वार्ड

कुल वार्ड 24+46 =70

4.1 City Profile: Demography

CITY PROFILE

Area under Municipality:

No. of Wards:

Ward Wise Population

Demographic Profile

- No. of Males/ Females (Overall) 1630142 / 1481292 (वर्ष 2011 के जनगणना के अनुसार)
(पुरुष) (स्त्री)
- No. of Males/ Females (ward Wise)
- Population under the age group of 0-6 years
- Population under the age group of 6-12 years
- Population under the age group of 12-18 years
- Population under the age group of 18-25 years
- Population under the age group of 25-60 years
- Population under the age group over 60 years
- Decadal Population Growth 25.25 (2011)
- Population Projection 8
- Density (Gross/ Net)(2011) 1284 / -
- Sex Ratio 903 (2011)
- Literacy Rate 58.67 (2011)
- School Dropout Ratio 42.96
शे.स्व. (2011)
- Infant Mortality



4.1 City Profile: Urban Road Network Detail

स्थानीय निकायो मे विभिन्न प्रकार की सड़को की लम्बाई का विवरण

क्र.स.	सड़क का प्रकार	31.03.2015 को निकाय क्षेत्र में सड़क की कुल लम्बाई	वर्ष 2015-16 द्वारा नव निर्मित सड़क की लम्बाई	वर्ष 2015-16 नवनिर्मित सड़क पर किया गया व्यय	वर्ष 2015-16 में निकाय क्षेत्र में सड़क के अनुरक्षण एवं किया गया व्यय	कुल व्यय (कालम 5+6)	लम्बाई कि०मी०(0.000) में घनराशि लाख रू० (0.000) में 31.03.16 को निकाय क्षेत्र में सड़क की कुल लम्बाई *
1	पक्की सड़क	1960.11	32.26	1298.92	2473.71	3772.63	1992.37
2	अर्ध पक्की सड़क	284.02	-	-	-	-	284.02
3	कच्ची सड़क	29.91	-	-	-	-	108.61
	योग	2274.04	32.26	1298.92	2473.71	3772.63	2385.00

नोट :-निदेशक स्थानीय निकाय उ०प्र० लखनऊ के पत्र सांख्यिकी रोल (ब)/356/सड़क स्थिति दिनांक 28.11.14 के अनुपालन में सड़को की लम्बाई का सर्वेक्षण कराया गया जिसके अनुसार सड़क की लम्बाई में वृद्धि हुई है।

सहायक अभियन्ता

मुख्य अभियन्ता

अधिशासी अभियन्ता

नगर निगम मुरादाबाद।

स्थानीय निकायो मे विभिन्न प्रकार की सड़को की लम्बाई का विवरण

क्र.स.	सड़क का प्रकार	वर्ष 2014-15 में निकाय द्वारा नवनिर्मित सड़क की लम्बाई कि०मी०(0.000)	वर्ष 2014-15 में निकाय द्वारा नवनिर्मित सड़क पर किया गया व्यय लाख रू० (0.00)	वर्ष 2014-15 में निकाय क्षेत्र में सड़क के अनुरक्षण पर किया गया व्यय लाख रू० (0.00)	कुल व्यय (4+5)	31.03.2015 को निकाय में सड़क की कुल लम्बाई कि०मी० (0.000)
1	पक्की सड़क	49.22	1801.54	7206.17	9007.71	1960.11
2	अर्ध पक्की सड़क	-	-	-	-	284.02
3	कच्ची सड़क	-	-	-	-	29.91
	योग	49.22	1801.54	7206.17	9007.71	2274.04

सहायक अभियन्ता

मुख्य अभियन्ता

अधिशासी अभियन्ता

नगर निगम मुरादाबाद।

03/06/15

08/06/15

Data taken:

- The Total Length of urban road of Moradabad City is 2274 Km
- Annual expenditure for maintenance of urban roads is Rs. 90 Cr.
- New road developed by MMC is 49.22 Km in Moradabad City

4.1 City Profile: Vehicle Registration

कार्यालय संभागीय परिवहन अधिकारी, मुरादाबाद

संख्या-123/सा0प्र0/स्मार्ट सिटी-सूचना/2017

दिनांक 03.02.2017

सेवा में,

नगर आयुक्त,
नगर निगम,
मुरादाबाद

विषय- स्मार्ट सिटी राउण्ड-03 के अन्तर्गत नगर का स्मार्ट सिटी प्रपोजल तैयार किये जाने हेतु सूचनाएं उपलब्धकराने के सम्बन्ध में।

महोदय

कृपया उपरोक्त विषयक अपने पत्र संख्या- 148/स्मा0सि0/न0नि0मु0/2016-17 दिनांक 02.02.2017 का सन्दर्भ ग्रहण करने का कष्ट करें, जो स्मार्ट सिटी राउण्ड-03 के अन्तर्गत नगर का स्मार्ट सिटी प्रपोजल तैयार किये जाने हेतु सूचनाएं उपलब्ध कराने के सम्बन्ध में। उक्त वांछित सूचना निम्नवत महोदय की सेवा में प्रेषित की जा रही है -

- प्रारूप-

क्रम	वित्तीय वर्ष	जनपद मुरादाबाद में संचालित वाहनों की संख्या (वर्गवार)			
		दो पहिया वाहन	चार पहिया निजी वाहन	अन्य वाहन	कुल योग
1	2	3	5	4	6
1.	2013-14	330710	23469	47381	401560
2.	2014-15	367387	25797	49639	442823
3.	2015-16	405417	28096	51146	484659

2. जनपद मुरादाबाद में 541 ई-रिक्शा का पंजीयन वर्ष 2015-16 में किया गया है।

भवदीय

संभागीय परिवहन अधिकारी
मुरादाबाद

प्रतिलिपि- मण्णायुक्त, महोदय मुरादाबाद मण्डल, मुरादाबाद को सादर सूचनार्थ प्रेषित।

संभागीय परिवहन अधिकारी
मुरादाबाद

Data taken:

1. Average Vehicle growth for the Moradabad City is more than 10%.
2. Total Vehicle in 2013-14:401560, Total Vehicle in 2014-15:442823, Total Vehicle in 2015-16:484659

4.1 City Profile: Bus Routes for Intrastate Transport Part-1

कार्यालय क्षेत्रीय प्रबन्धक उ०प्र० परिवहन निगम मुरादाबाद

पत्रांक: एमबी/आरएम/संचा/स्मार्ट सिटी/2015- 6506 दिनांक: 19/11/2015

सेवा में,
नगर आयुक्त
नगर निगम
मुरादाबाद।

विषय:—स्मार्ट सिटी प्रोजेक्ट बनाये जाने के सम्बन्ध में।

महोदय,
कृपया उपरोक्त विषयक पत्रांक—1171/ज०मा०/स्मा०/सिटी/न०नि०मु० दिनांक—19 नवम्बर, 2015 का अवलोकन करें जिसके द्वारा मुरादाबाद नगर के लिये "प्रोजेक्ट" बनाये जाने हेतु विभागों से दिये गये बिन्दुओं पर सूचना/विवरण उपलब्ध उल्लेख किया गया है। उक्त सन्दर्भित पत्र के क्रम में परिवहन निगम से सम्बन्धित निम्नवत आपके अवलोकनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित की जा रही है।

1:—A नगर में परिवहन की स्थिति:—

उ०प्र० परिवहन निगम मुरादाबाद क्षेत्र द्वारा मुरादाबाद जनपद में स्थानीय डिप्टी एवं पीतलनगरी द्वारा क्रमशः 129,152 बसों का क्रमशः 36/21 मार्गों पर प्रतिदिन संचालन जाता है। क्षेत्र द्वारा निम्न मार्गों पर लोहिया ग्रामीण सेवाओं का संचालन किया जा रहा है जिससे ग्रामीण अंचलो से तहसील एवं जिला मुख्यालय को जोड़ते हुये बसों का संचालन जाता है:—

क्रम सं०	मार्ग का नाम
1	मुरादाबाद—गढी—बिजनौर।
2	मुरादाबाद—शरीफनगर
3	मुरादाबाद—कुडफत्तेहगढ
4	मुरादाबाद—कल्किधाम।
5	मुरादाबाद—चन्दौसी—मढकावली।
6	मुरादाबाद—चन्दौसी—जरगवां।

उपरोक्त अतिरिक्त यात्रियों को सुविधाजनक आधुनिक तकनीक से युक्त 02 बसों मुरादाबाद—दिल्ली मार्ग पर संचालन किया जा रहा है। क्षेत्र द्वारा यात्रियों की यातायात व्यवस्था को दृष्टिगत रखते हुये मुरादाबाद बस स्टेशन (आईएस०ओ०) मानक से दिल्ली, अमरोहा, मेरठ, हरिद्वार, देहरादून, बिजनौर, सहारनपुर आदि मार्गों पर संचालन किया जा रहा है तथा कटघर बस स्टेशन से चन्दौसी, बर्दौयू, अलीगढ, अलीभीत, लखनऊ, रामनगर, हल्द्वानी आदि मार्गों के लिये बसों का संचालन किया जा रहा है।

Data taken:

1. Number of terminal: 02 Nos
2. Total Routes for both terminal: 36+21= 57 Routes

4.1 City Profile: Bus Routes for Inter & Intrastate Transport Part 2

(2)

2:- नागरिकों एवं प्रशासन के मध्य आपसी सम्वाद, सरकारी दस्तावेजों में बाधा रहित पहुँच, नागरिकों के लिये प्रशासनिक सूचनाओं की उपलब्धता:-

उ०प्र० परिवहन निगम द्वारा आईसीटी (इन्फारेमेशन टेक्नोलाजी) का प्रयोग करते हुये निगम के कार्यों में पारदर्शिता तथा नागरिकों/यात्रियों से सम्वाद करने हेतु आईटी का प्रयोग निम्नवत किया जा रहा है जिसके सकारात्मक परिणाम प्राप्त हो रहे हैं:-

- 1:- बसों के आगमन प्रस्थान की सूचना एवं उसका डिस्प्ले बस स्टेशनों पर आईटी के माध्यम से किया जा रहा है।
- 2:- बस स्टेशनों पर वाईफाई सुविधा उपलब्ध करायी जा रही है।
- 3:- निगम द्वारा यात्रियों को परिवाद दर्ज कराने हेतु हेल्पलाईन न०-1800 180 2877 कार्यरत है जिस पर प्राप्त परिवादों का समयवद्ध समाधान किया जाता है जिससे परिवादों में कमी आयी है।
- 4:- बस स्टेशन/कार्यशाला के कार्यों/गतिविधियों की समीक्षा सी०सी० केमरों द्वारा की जा रही है।
- 5:- बसों में अग्रिम आरक्षण की कम्प्यूरीकृत व्यवस्था लागू की गई है।
- 6:- निगम की वेबसाइट-www.upsrtc.com पर निगम के नीतिगत निर्णय यात्रियों सम्बन्धित/वित्तीय सूचनायें अपडेट की गई हैं। जिससे जनसामान्य को निगम के कार्यों जानकारी हो सके।
- 7:- निगम में ई०टिकटिंग प्रणाली लागू की गई है।
- 8:- सरकारी कार्य में कम्प्यूटीकरण प्रणाली का अधिकतम उपयोग किया जा रहा है।
- 9:- निगम द्वारा स्मार्ट कार्ड एवं कम्प्यूटीकृत एम०एस०टी० व्यवस्था लागू है।
- 10:- निगम द्वारा बसों में वी०टी०एस० प्रणाली लगाकर बसों की लोकेशन/स्पीड/अना ठहराव आदि की समीक्षा की जा रही है।

Data taken:

1. Citizen services at bus terminal- Wifi Services, Helpline no, CCTV monitoring, Advance booking of tickets, E-Ticketing, Smart Card & MST services

4.1 City Profile: Number of Bus Running for Inter& Intrastate Transport

मार्च, 2013 से 31 जनवरी, 2017 तक मुरादाबाद क्षेत्र की निगम एवं अनुबन्धित बसों की स्थिति

दिनांक	निगम बसों की संख्या	अनुबन्धित बसों की संख्या	कुल बसों की संख्या
31-03-2013	398	157	555
31-03-2014	446	172	618
31-03-2015	434	174	608
31-03-2016	447	181	628
31-01-2017	485	228	713

दिनांक— 03,फरवरी,2017

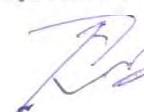
सहायक क्षेत्रीय प्रबन्धक(कार्मिक)
मुरादाबाद

Data taken:

- **Number of busses running for Inter&Intra State Transport:**
- 2015- 608 Nos
- 2016- 628 Nos
- 2017- 713 Nos

4.1 City Profile: Water Supply Details

जलकल विभाग नगर निगम, मुरादाबाद पेयजल व्यवस्था का विवरण

1.	स्थापना का वर्ष	:	1928	
2.	जनसंख्या 2011 के अनुसार	:	8,83,853	
3.	वर्तमान जनसंख्या	:	10,60,000	
4.	जलापूर्ति का श्रोत	:	ग्राउण्ड वाटर	
	A नलकूप	:	80 नग	(144.00 एम ⁰ एल ⁰ डी ⁰)
	B मिनी नलकूप	:	42 नग	(19.00 एम ⁰ एल ⁰ डी ⁰)
	C जेड ⁰ पी ⁰ एस ⁰	:	02 नग	(2.00 एम ⁰ एल ⁰ डी ⁰)
	D इण्डिया मार्क II हैण्ड पम्प	:	1760	
5.	ओवर हैड टैंको का संख्या	:	43	
6.	ओवर हैड टैंको की भण्डारण क्षमता	:	70180 किलो लीटर	
7.	भूमिगत टैंको की भण्डारण क्षमता	:	9000 किलो लीटर	
8.	जलापूर्ति की मांग	:	126 एम ⁰ एल ⁰ डी ⁰	
9.	कुल उत्पादन	:	165 एम ⁰ एल ⁰ डी ⁰	
				 31/7/2017 Gm Wal 1
10.	एन ⁰ आर ⁰ डब्लू 50 प्रतिशत	:	82.50 एम ⁰ एल ⁰ डी ⁰	
11.	कुल आपूर्ति	:	82.50 एम ⁰ एल ⁰ डी ⁰	
12.	प्रति व्यक्ति जलापूर्ति	:	87.4 एल ⁰ पी ⁰ सी ⁰ डी ⁰	
13.	जल संयोजनो की संख्या	:	76658 76658	
14.	पाईप लाईन की कुल लम्बाई	:	730.79 किमी ⁰	
15.	हैण्ड पम्पो की संख्या	:	1740 नग	
				 31/7/2017 Gm Wal 1

Data taken:

- NRW
- Details of water supply infrastructure & Storage capacity
- Water Supply: 165 LPCD

4.1 City Profile: AMRUT SLIP 2016-17

NAME OF ULB- MORADABAD

SECTOR WISE SLIP TEMPLATE: WATER SUPPLY

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Water Supply (AMRUT Guidelines; para 3 & 6). This will also include existing institutional framework for the sector. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question.

- What kind of baseline information is available for water supply system of the city? Detail out the data, information, plans, reports etc related to sector. Is zone wise information available? (75 words)

Master Plan Of Moradabad with MDA ,DPR related to water supply is available with Jal Nigam and Nagar Nigam Moradabad and other data with water supply is with Nagar Nigam.

Yes Zone wise information is available with Nagar Nigam.

- Have you collected census 2011 data? Are you aware of baseline survey data of MoUD? Have you correlated data from these and other sources? (75 words)

Yes we have collected and correlated the information from census 2011 data. The details of which are as under:

Area Name	Source Of Information	Location of source of drinking water	Total Number of Households	Tapwater from treated source
Moradabad	As per census 2011 available	Total Population = 8,83,853		
		Total Households	1,54,364	72,307
		Within the premises	145013	69188
		Near the premises	7,409	2,354

4.1 City Profile: AMRUT Water Supply SLIP 2016-17

Table 1.1 Status of Water Supply service levels

Sr. No.	Indicators	Present status	MoUD Benchmark	Reliability
1	Coverage of water supply connections	54	100%	D
2	Per capita supply of water with NRW 165 MLD/0.883	186	135 LPCD	D
3	Extent of metering of water connections	0	100%	D
4	Extent of non-revenue water	50	20%	D
5	Quality of water supplied	100	100%	D
6	Cost recovery in water supply services	70	100%	D
7	Efficiency in collection of water supply related charges	70	90%	D

- What is the gap in these service levels with regard to benchmarks prescribed by MoUD?(75 words)

The service level gaps are as under:

1. Gap in coverage of water supply is 46%



4.1 City Profile: AMRUT Water Supply SLIP 2016-17

2. Gap in Per capita water availability is about 0 LPCD.
3. Gap in Metering is 100%.
4. NRW is about 30% which include leakage and free water supply to social gathering festivals along with water supply through stand posts.
5. No gap in Quality of supplied water as per PHE norms.
6. Gap in Cost recovery is 30% with expenditure on electricity and power.
7. Gap in efficiency of water charges/tax collection is about 20% .

Source of Water and Water Treatment System

Please provide information in 150 words on the above responding to (however not limited to) following questions.

- What is the existing source of water? Is it surface water source or underground water source? What is the capacity of these sources?

- Ground Water -80 Tube wells-Avg. Discharge- 2000LPM-Total ——165 MLD

- Is there any treatment provided to water from these sources? How much water is required to be treated daily? What is the treatment capacity installed in the city?

Chlorination is provided 100% hence the treatment capacity comes to-165MLD

- What per capita water supply in LPCD (liter per capita per day) comes out, if you divide total water supply by the total population.

Per Capita watersupply= $165 / .883 = 186.86$ LPCD with NRW

Distribution Zones

Please provide information in 150 words on the above responding to (however not limited to) following questions.

- City is divided in how many zones for water supply ?

Yes Divided in 26 Zones.

- Provide details of total no of Households (HH) in each zone, no of HH with and without water tap connections in the Table 1.2.

Table 1.2: Zone Wise Coverage of Households

Zone/ Ward/ Mohalla No	Total No of Households in each Zone/ Ward/ Mohalla	Households with water tap Connection in each Zone/ Ward/ Mohalla	Household without water tap connection in each Zone/ Ward/ Mohalla
1	24636 HH	20500 HH	4136 HH
11	16735 HH	8000 HH	8735 HH
111	24638 HH	18000 HH	6638 HH



4.1 City Profile: AMRUT-Water Supply

Estimate For House Connection In W/S Lines in Moradabad Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

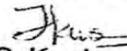
Form J

					Rs. in Lacs
Sl. No.	DESCRIPTION	Centage	Total	Central Share 50% of col 4	State & ULB Share 50% of col 4
1	2	3	4	5	6
1	Cost of works		4,988.59	2,494.30	2,494.30
2	Centage	12.5%	623.57	0.00	623.57
3	Labour Cess	1%	49.89	24.94	24.94
Grand Total			5,662.05	2,519.24	3,142.81
			Say Rs.	56.62	Creore

Prepared By


(Devvrat Panwar) / (Anil Goel)
Assistant Engineer / Executive Engineer
XI Division, U.P. Jal Nigam, MBD

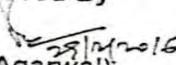
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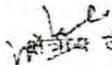

(J.P. Kushwaha)
Computer

Recommended By

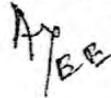
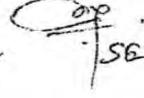

(R.K. Mittal)
Supreintending Engineer
VIII Circle, U.P. Jal Nigam
Moradabad

Approved By


(P.K. Agarwal)
Chief Engineer
U.P. Jal Nigam, MBD Zone
Moradabad


लेखाधिकारी
कार्यालय मु० अ० (मुराद क्षेत्र)
ए० ज० निगम, मुरादाबाद

- Total cost of maintenance for 5 years . = Rs. 56.20 Lacs
- Total cost of project including 5 year maintenance = Rs. 5718.25 lacs


(Anil Goel)


नगर आयुक्त
नगर निगम, मुरादाबाद

4.1 City Profile: AMRUT-Water Supply

Estimate for house connection in W/s line in moradabad

AMRUT mission

Schedule of Disbursement of Funds

Rs. in Lacs

S. No.	Description	Total Amount	Amount in Year		
			2015-16	2016-17	2017-18
1	2	3	4	5	6
1	Household connections	1753.04	216.87	972.82	53.35
2	Laying of Distributions System	325.65	-	-	325.65
3	Reinstatement of Road	2909.90	282.03	1272.03	1355.84
	Total	4988.59	498.90	2244.85	2244.82
	Say	4989.00 Lacs			

Estimate for house connection in W/s line in moradabad

Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

Rs. in Lacs

Sl. No.	DESCRIPTION	Centage	Total	Central Share 50% of col 4	State & ULB Share 50% of col4
1	2	3	4	5	6
1	Cost of works		4,988.59	2,494.30	2,494.30
2	Centage	12.5 %	623.57	0.00	623.57
3	Labour cess	1%	49.89	24.94	24.94
			5,662.05	2,519.24	3,142.81
			Say Rs	56.62	Crore

4.1 City Profile: AMRUT-Water Supply

Master Plan of Water Supply Projects for Mission period

Sr. No.	Project Name	Priority number	Year in which to be implemented	year in which proposed to be completed	Estimated cost
1	Illegal connections and up tapped hold etc, gap in existing water supply network with household connections and expansion of water supply distribution network with household connection in uncovered pockets	1	2016	2018	28.75 Cr
2	Leakage detection and its removal, replacement of old lines (damaged, leaked, defunged, choked, sluice valve etc) with house hold and water supply zoning of service area connection	2	2016	2017	20.00 Cr
			Total		48.75 Cr

Master Service Levels Improvements during Mission period

Sr. No.	Project Name	Physical Components	Change in Service Levels			Estimated Cost (Cr)
			Indicator	Existing (As-Is)	After (To-be)	
1	Illegal connections and up tapped hold etc, gap in existing water supply network with household connections and expansion of water supply distribution network with household connection in uncovered pockets	Survey, 67 Km Pipe line and consumer connection	Coverage of water supply connections	54	90	28.75
2	Leakage detection and its removal, replacement of old lines (damaged, leaked and water supply zoning of service area defunged, choked, sluice valve etc) with house hold and water supply zoning of service area connection	Repair of water line	Extent of non-revenue water	50	20	20.00
Total						48.75

Annual Fund Sharing Pattern for water supply projects

Sr. No.	Project Name	Total Project Cost	Share				
			GOI	Stage	ULB	Others	Total
1	Illegal connections and up tapped hold etc, gap in existing water supply network with household connections and expansion of water supply distribution network with household connection in uncovered pockets	28.75	50%	50%		-	28.75
2	Leakage detection and its removal, replacement of old lines (damaged, leaked and water supply zoning of service area defunged, choked, sluice valve etc) with house hold and water supply zoning of service area connection	20.00	50%	50%		-	20.00

4.1 City Profile: AMRUT Sewerage SLIP 2016-17

City Name – Moradabad

Sewerage and Septage Management

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Sewerage (AMRUT Guidelines; para 3 & 6). This will also include existing institutional framework for the sector. For this City has to review all policy, plans, scheme documents etc. to identify service level gaps and hold discussions with officials and citizens. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question.

Question: What kind of baseline information is available for sewerage system of the city? Detail out the data, information, plans, reports etc related to sewerage available with city? Is zone wise information available? Have you correlated your data with census 2011 data? (100 words)

We have collected the information from census 2011 data. As per census 2011 Moradabad city have the population of 8.83853 lacs & 154364 house hold.

Total Population (Census, 2011)	Location of source of drinking water	Total Number of Households	Total Number of Households with toilets
	Population		
	Total Population -883853		
	Within the premises	145013	139897
	Near the premises	7409	5902
	Away	1342	1513
	Total	154364	147312
Departmental Data (2015)	Population-1060000	160319	139299

Waste water outlet connected	Close Drainage	Open Drainage	No Drainage
Number of HH	35116	115864	3384



4.1 City Profile: AMRUT Sewerage SLIP 2016-17

Table 2.1 : Status of sewerage network and Service Levels

Sr. No.	Indicators	Existing Service Level (in%)	MOUD Benchmark	Reliability
1	Coverage of latrines (individual or community) 139299/160319	86.88%	100%	D
2	Coverage of sewerage network services 159 KM/736 KM	21.60%	100%	D
3	Efficiency of collection of sewerage	Nil	100%	D
4	Efficiency in Treatment: Adequacy of sewerage treatment capacity	Nil	100%	D

Question: What is the gap in these service levels with regard to benchmarks prescribed by MOUD? (75 words)

As per above table it is clear that gap in service levels is as under:

1. Gap in coverage of latrines (individual or community) is 13.12%
2. Gap in coverage in sewerage network services is 78.4%
3. Gap in efficiency of collection of sewerage is 100%
4. Gap in efficiency in treatment: adequacy of sewerage treatment capacity is around 100%

4.1 City Profile: AMRUT Sewerage SLIP 2016-17

Question: Does city has separate drainage system or sewer lines take care of storm water?
(50 words)

City has drainage system to take care of storm water, but it is not sufficient and Encroachment, dumping of waste in to drains result in siting, overflowing and damage/failure of drainage system.

Coverage of latrines (Individual or community). Please provide information in Table 2.2 A

Zone No.	Total number of HH (a)	Total number of HH with individual or community toilets within walking distance (b)	Coverage of latrines (%), (b/a)*100%
I	83853	78247	93.31%
II	23128	19476	84.21%
III	27265	21908	80.35%
IV	26073	19668	75.46%
Total	160319	139299	86.88%

SEWERAGE NETWORK AND COLLECTION OF SEWERAGE

Question: How much of the area of the city is covered by sewerage network? What is the status of household connections in each zone? What are the areas covered under Septage? Provide information in Table

Table: Zone Wise Coverage of Households

Zone No.	Total No. of Households(HH) a	Households with Sewerage Network b	Coverage of sewerage network services (b/a)*100%
I	83853	0	0%
II	23128	0	0%
III	27265	0	0%
IV	26073	0	0%
Total	160319	0	0%



4.1 City Profile: AMRUT Sewerage SLIP 2016-17

Question: Does city has Sewage Treatment Plant (STP)? Which areas are covered under each of the STPs? Provide details in Table 2.3

Table 2.3: Status of Existings STPs

Sr. No.	Location	Capacity (MLD)	Inflow in the STP (MLD)	Efficiency in %
1.	Gulab Bari at Moradabad	58	Ongoing	ongoing

Question: Does decentralized waste treatment system exist or planned in the city? If yes, provide details (75 words)

Yes, decentralized waste treatment system in the shape of septic tanks exists and also planned in future. 58 MLD STP is under construction in sewerage zone- I and 17 MLD, 20 MLD and 19 MLD STPs are proposed in sewerage zone -II, III & IV respectively.

Question: How much of sewerage is generated in the city? How much of this sewerage generated reaches the STPs? What is the Biological Oxygen Demand (BOD) of incoming and outgoing sewage of each STP? (100 words)

114 MLD sewage generated in the city, under NGRBA. one STP proposed and the capacity of STP is 58 MLD

Question: Is treated sewage being reused or recycled? Is treated water being used for irrigation or industrial purpose? Does the option of power generation being explored?

(75 words)

At present there is no STP exists in the city. One STP of 58MLD in under construction in Sewerage Zone-I.

INSTITUTIONAL FRAMEWORK

Question: Define role and responsibilities in terms of O&M, policy planning, funding, service provision in table

Table 2.4: Functions, roles, and responsibilities

Planning and Design	Construction/ Implementation	O&M
Moradabad Municipal corporation & UP Jal Nigam	Moradabad Municipal corporation & UP Jal Nigam	Moradabad Municipal corporation



4.1 City Profile: AMRUT-Sewerage

**Estimate for Sewer House Connection in Moradabad
for Sewerage System
General Abstract of cost (Civil)**

S. No.	Description of work	Quantity	Amount (Rs. in Lacs)
1	2	3	4
1	Sewer House Connections	83853 No.	8710.42
2	Reinstatement of Road	528033.21 Sqm	5523.38
	Total		14233.80

**Estimate for Sewer House Connection in Moradabad
Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT)**

S. No.	DESCRIPTION	Centage	Total	Central Share Half of col 4	State & ULB share Half of col 4
1	Cost of works		14233.80	7116.90	7116.90
2	Supervision charges	12.5%	1779.23	0.00	1779.23
3	Labour Cess	1%	142.34	71.17	71.17
			16155.36	7188.07	8967.29
	Grand Total		16155.36	7188.07	8967.29

**Estimate For Sewer House Connection In Moradabad
For Sewerage System**

GENERAL ABSTRACT OF COST (Civil)

S.No.	Description of work	Quantity	Amount (Rs in Lacs)
1	2		5
1	Sewer House Connections	83853 Nos.	8710.42
2	Reinstatement of Road	528033.21 sqm	5523.38
	Total		14233.80


Project Engineer

4.1 City Profile: AMRUT-Sewerage

Estimate For Sewer House Connection in Moradabad Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

Form "J "

Sl. No.	DESCRIPTION	Centage	Total	Rs. in Lacs	
				Central Share Half of col 4	State & ULB Share Half of col 4
1	2	3	4	5	6
1	Cost of works		14233.80	7116.90	7116.90
2	Supervision charges	12.5%	1779.23	0.00	1779.23
3	Labour Cess	1%	142.34	71.17	71.17
GRAND TOTAL			16155.36	7188.07	8967.29

Five Year O&M Cost (RS.) 98.13 Lacs

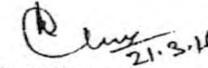
Total Cost including 5 year O&M (Rs.) 16253.49 Lacs

Prepared by

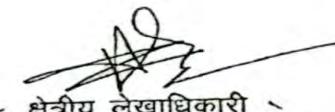
Checked by


(P.C.Sharma)/(K.D.Sharma)
Project Engineer
Urban Works Unit, Uttar Pradesh Jal Nigam,
Moradabad


(Atul Rastogi)
Computer

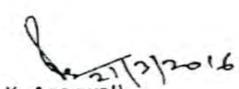

(A.K.Sharma)
Project Manager

Recommended by


क्षेत्रीय लेखाधिकारी
कार्यालय मु0 अभि0 (मुरा0 क्षेत्र)
उ0प्र0 जल निगम, मुरादाबाद

Approved by


(R.K. Mittal)
General Manager
VIIIth Circle
U.P. Jal Nigam, Moradabad

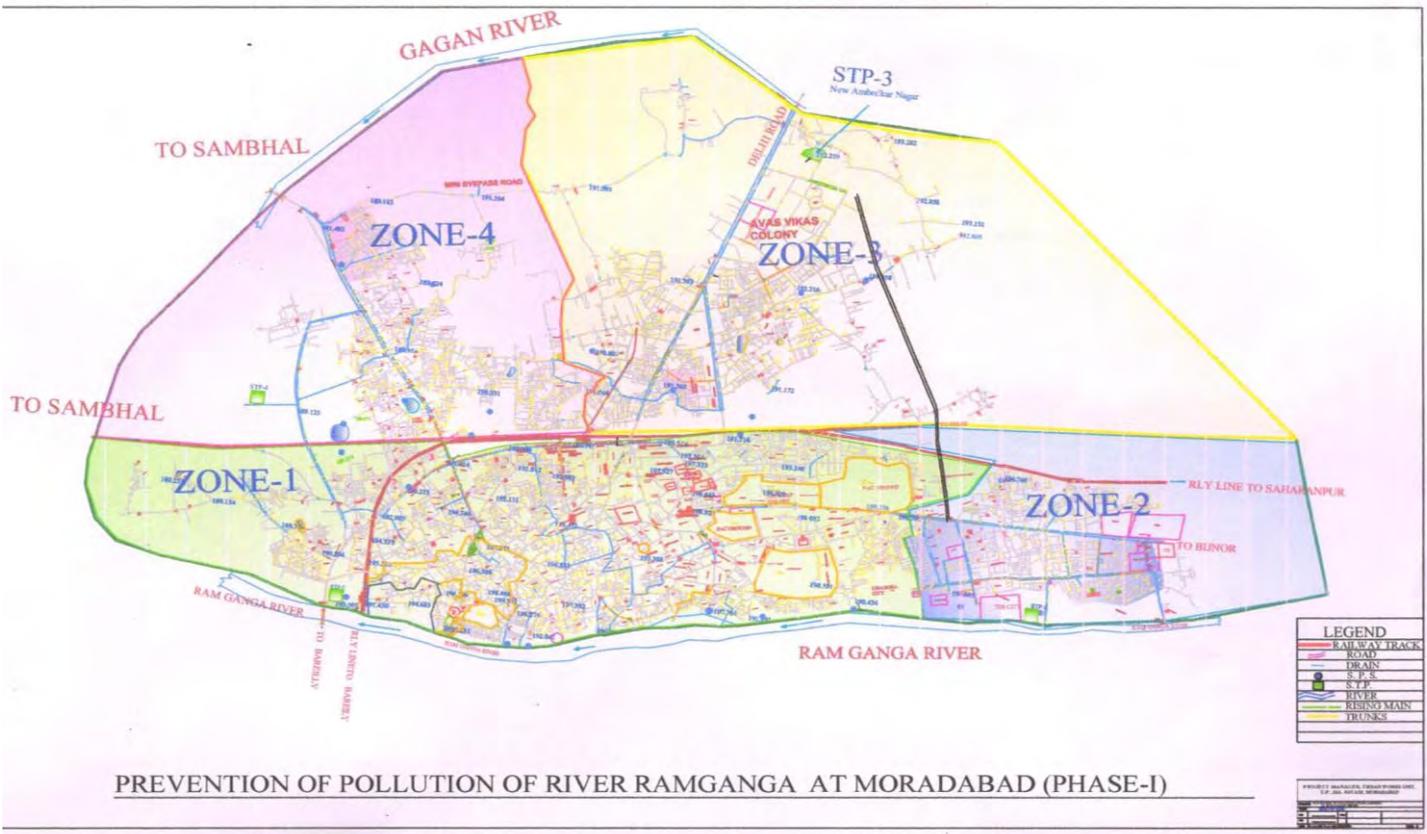

(P.K. Agarwal)
Chief Engineer (MBD Zone)
U.P. Jal Nigam, Moradabad


जलर आयुक्त
सजल विभाग, मुरादाबाद

4.1 City Profile: AMRUT for Sewerage & Sewerage Zones

Master Plan of Sewerage Projects for Mission period

S. No	Objective	Project Name	Priority Number	Year in which to be implemented	Year in which to be complete	Estimated cost
1	Universal coverage	83853 Household connection with existing Sewer line 83853 @ 20000 Rs each	1	2017	2020	167.70 Cr.
		Laying of Sewer line 472 KM in Uncovered Area @ 1.1 Cr. per km				519.20 Cr.
2	Efficiency of collection of sewerage	12 IPS @ 3 Cr each 3 MPS @ 3 Cr each	2	2018	2020	45.00 Cr.
3	Efficiency in Treatment Adequacy of sewerage treatment capacity	56 MLD STP @ 1.34 Cr Per MLD	3	2017	2020	75.04 Cr.
1	Universal Coverage	Decentralized waste Management for HH 76466x 6000 Rs.		2017	2020	45.87 Cr.
2	Efficiency of collection of sewerage	6 Jetting Machine X 0.25 Cr.		2018	2020	1.5 Cr.
Total						854.31 Cr.



4.1 City Profile: Solid Waste Collection

कार्यालय, स्मार्ट सिटी, नगर निगम, मुरादाबाद।

पत्रांक :- 85 / स्मा0सि0 / न0नि0मु0 / 2016

दिनांक 21.06.2016

आदित्य मनीषी
असिस्टेन्ट मैनेजर,
जे0एल0एल0,
प्रोपर्टी कन्सल्टेन्ट इण्डिया लि0।

क्र0स0	मद	वर्ष 2013-14	वर्ष 2014-15	वर्ष 2015-16
1	कूड़ा उठाने वाली गाड़ियों की संख्या	75	99	121
2	गार्बेज बिन्स की संख्या	150	884	1034


(टी0एन0मिश्र)
प्रभारी स्मार्ट सिटी
नगर निगम, मुरादाबाद।

Data Taken

- No of Trucks: 121 Nos
- No of Garbage Bins: 1034 Nos

4.1 City Profile: Employee Details

माह फरवरी देय मार्च 2016

नगर निगम, मुरादाबाद के कर्मचारियों के वेतन पर मासिक व्यय।

क्र०सं०	विभाग	प्रतिनियुक्ति / केन्द्रीयत	घनराशि	कुल घनराशि
1	नगर आयुक्त	1	117421	
2	मुख्य नगर लेखा परीक्षक	1	64765	
3	अपर नगर आयुक्त / लेखाधिकारी / लेखाकार / कार्यालय अधीक्षक	3	127819	
4	कर विभाग (केन्द्रीयत)	6	300341	
5	स्वास्थ्य विभाग (केन्द्रीयत)	13	615088	
6	सार्वजनिक निर्माण विभाग	7	326263	
7	जी०एम० (जलकल विभाग)	3	190761	1742458
अकेन्द्रीयत सेवा				
8	जलकल विभाग	69	1729890	
9	कर विभाग	71	1801318	
10	प्रकाश विभाग	21	482876	
11	माली (नर्सरी)	20	484869	
12	रेलवे सैटिलमेंट	5	128954	
13	सामान्य विभाग	16	454099	
14	सार्वजनिक निर्माण विभाग	33	830521	
15	कार्यालय स्वास्थ्य विभाग	57	1453863	7366390
16	सफाई कर्मचारी	726	17406052	17406052
17	पेंशन अशंदान	0	4303155	4303155
आउटसोर्सिंग				
1	स्वास्थ्य विभाग (सफाई कर्मी)	1174	8402034	
2	दैनिक वेतन (स्वास्थ्य)	3	10200	
3	जलकल विभाग	280	2003397	
4	सामान्य विभाग	2	17940	
5	निर्माण विभाग	115	903074	
6	प्रकाश विभाग	137	1023845	
7	कम्प्यूटर ऑपरेटर	20	150240	
8	स्वास्थ्य (लिपिक)	3	10400	
9	डूडा	3	18860	
10	रेलवे सैटिलमेंट	2	3000	12542990
	योग	2791	2791	43361045

Data Taken

- No of Employee in MMC: 2791

ACCOUNTS OFFICER
NAGAR NIGAM
MORADABAD

4.1 City Profile: AMRUT-Park Beautification

कार्यालय, महापौर, नगर निगम, मुरादाबाद

पत्रांक 96 / कैम्प / महापौर / न.नि.म. / 2015

दिनांक 2-12-15

नगर आयुक्त
नगर निगम, मुरादाबाद

अमृत योजना के अन्तर्गत सर्विस लेबिल इम्प्रोवमेन्ट प्लान में निम्न पार्कों के सौन्दर्यकरण हेतु निम्नलिखित कार्य मा10 सदन की स्वीकृति की प्रत्याशा में अनुमोदित किये जाते हैं :-

1. मधुवनी पार्क।

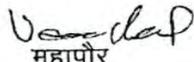
- पाथवे बनाने का कार्य
- बच्चों के झूले
- बैठने हेतु बेंचों का नाम
- सोलर लाईट लगाने का कार्य
- फुब्बारे का निर्माण

2. गौतम बुद्धा पार्क

- पाथवे बनाने का कार्य
- बच्चों के झूले
- बैठने हेतु बेंचों का नाम
- सोलर लाईट लगाने का कार्य

3. कम्पनीबाग पार्क

- फुब्बारे एवं पार्क के सौन्दर्यकरण का कार्य
- बच्चों के झूले
- बैठने हेतु बेंचों का नाम
- सोलर लाईट लगाने का कार्य


महापौर
नगर निगम, मुरादाबाद

1656

Data Taken:

- Details of Parks sanctioned under AMRUT Scheme for Development & Beautification = 03 Nos

4.1 City Profile: Government Resolutions for Door to Door based Solid Waste Management

34

उत्तर प्रदेश गजट, 26 फरवरी, 2011 ई० (फाल्गुन 7, 1932 शक संवत्)

[भाग 8]

स्वास्थ्य विभाग, नगर निगम, मुरादाबाद

प्रस्ताव संख्या-04

प्रस्ताव-नगर निगम, मुरादाबाद में सालिड वेस्ट परियोजना से सम्बन्धित यूजर चार्ज लागू करने के सम्बन्ध में।
19 जनवरी, 2011 ई०

सालिड वेस्ट मैनेजमेन्ट परियोजना, भारत सरकार के यू०आई०डी०एस०एस०एम०टी० के अन्तर्गत एक अति महत्वाकांक्षी योजना है। उक्त योजना सञ्चालन हेतु मेसर्स ए. टू. जेड वेस्ट मैनेजमेन्ट (मुरा०) प्रा० लि० एवं नगर निगम, मुरादाबाद के साथ दिनांक 28 अप्रैल, 2010 को अनुबन्ध हस्ताक्षरित हो चुका है। कम्पनी द्वारा नगर निगम, मुरादाबाद के अन्तर्गत प्रत्येक घरों से कूड़ा संग्रह कर उसे रामपुर रोड स्थित कूड़ा निस्तारण रथल पर ट्रांसपोर्ट किया जायेगा एवं वैज्ञानिक पद्धति से उसे निस्तारित किया जायेगा। चूँकि नागरिकों को यह सेवा एक सुविधा के रूप में प्रदान की जा रही है।

अतः कूड़ा संग्रह हेतु मासिक शुल्क देय होगा, इस निमित्त सदन के संमक्ष निम्नलिखित दरों पर प्रति आवासीय भवनों/प्रतिष्ठानों से कूड़ा संग्रह करने हेतु मासिक शुल्क प्रति परिवार/प्रतिष्ठान प्रस्तावित किया जाता है जो निम्नवत् है। इसकी वसूली हेतु अनुबन्ध की शर्तों के अनुसार मेसर्स ए. टू. जेड वेस्ट मैनेजमेन्ट (मुरा०) प्रा० लि० को अधिकृत किया जाना है। वसूली की गई धनराशि नगर निगम, मुरादाबाद की Escrow Account (Joint) खाता में जमा की जायेगी।

PROPERTY DESCRIPTION

1	2	3
RESIDENTIAL :		Rs.
Category A	BPL, Slums, Malin Basti	10.00
Category B	Residential	30.00
Category C	HIG Area	50.00
Category D	Apartment Buildings, Housing Societies	1,000.00
COMMERCIAL :		
Category A	Shops upto 200 Sq. feet	75.00
Category B	Individual Shops and Offices above 200 Sq. feet (other than those listed in Category C to J.	150.00
Category C	Schools, Educational Institutions, Private Coaching Institutes, Nursing Homes, Petrol Pumps.	500.00
Category D	Shopping Complexes (above 20 shops), Office Complexes, Hostels, Banks, Auditoriums, Guest Houses, Police, Central Government Offices, U.P. Govt. Off., Power Corporation, Telephone Exchange, LIC, PWD, Roadways Off., Labour Off., Bus Station, Restaurant, MDA Off.	1,000.00
Category E	Marriage/Banquet Hall, Malls, Clubs, Cinema Hall, Mills, Factories, Hospitals, Degree Colleges, PG & Technical Institute, Medical College	2,000.00
Category F	Commercial Lawns upto 1000 Sq. feet Area	1,000.00
Category G	Commercial Lawns above 1000 Sq. feet Area	2,000.00
Category H	Hotels upto 10000 Sq. feet Area	1,000.00
Category I	Hotels above 10000 Sq. feet Area	5,000.00
Category J	Registered hawkers.	75.00

NOTE--Charges will be enhanced by 10% every 3 years, 18% interest to be levied on delayed payment beyond 30 days of due date.

शास्ति प्रस्ताव

उत्तर प्रदेश नगर निगम अधिनियम, 1959 की धारा 550 में प्रदत्त अधिकारों का प्रयोग करते हुये नगर निगम निश्चित करती है कि इस उपविधि के किसी भी नियम का उल्लंघन करना दण्डनीय अपराध होगा, जो रु० 500.00 तक हो सकता है और निरन्तर बने रहने की दशा में रु० 20.00 अतिरिक्त प्रतिदिन अर्धदण्ड से देय होगा।

ह० (अस्पष्ट),

नगर आयुक्त,

नगर निगम, मुरादाबाद।

Data Taken:

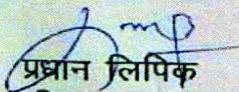
Details of Door to Door Solid Waste Collection project Sanctioned at city level

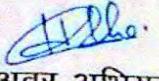
4.1 City Profile: Water & Sewer Tax Rates & Collection

जलकल विभाग नगर निगम, मुरादाबाद

जलकर व जलमूल्य की दरे

1. जलकर भवन के वार्षिक मूल्यांकन का 11 प्रतिशत है।
2. जलमूल्य 2 टोटी पर 30.00 रुपये प्रति माह अर्थात 360.00 रुपये प्रति वर्ष है।
3. 3 टोटियो पर 75.00 रुपये प्रति माह अर्थात 900.00 रुपये प्रति वर्ष है जलमूल्य लिया जाता है।
4. जलमूल्य के उपरोक्त टेरिफ मे उपभोक्ता द्वारा जो जलकर जमा किया जाता है तो उसका समायोजन जलमूल्य मे किया जाना है। उदाहरण के आधार पर यदि उपभोक्ता द्वारा जलकर जमा किया जाता है तो जलमूल्य मे से x घटाकर जलमूल्य लिया जायेगा। अर्थात $360.00 - x = \text{जलमूल्य}$, या $900 - x = \text{जलमूल्य}$
5. यदि भवन का वार्षिक मूल्यांकन नही हुआ है तो जलमूल्य 360.00 अथवा 900.00 रुपये जैसी भी स्थिति हो जमा करना होगा।
6. सीवर कर केवल बुद्धि विहार मे आरोपित है जो भवन के वार्षिक मूल्यांकन का 2.5 प्रतिशत है।


प्रधान लिपिक
नगर निगम, मुरादाबाद


अवर अभियन्ता
नगर निगम, मुरादाबाद


महाप्रबन्धक (जल)
नगर निगम, मुरादाबाद

Data Taken:

- Water Tax Rates & Collection efficiency
- Sewer Tax Rates & Collection efficiency

4.1 City Profile: Safety & Security

1959 केम्प
23.5.16

कु मीरजा

कार्यालय पुलिस अधीक्षक यातायात मुरादाबाद

सेवा में,

मण्डलायुक्त

मुरादाबाद मण्डल, मुरादाबाद

विषय:- स्मार्ट सिटी प्लान तैयार किये जाने हेतु सूचना प्रेषण के सम्बन्ध में।

महोदय,

कृपया आप अपने आदेश पत्रांक:38/एस0टी0(शि0)/न0आ0/न0नि0मु0/2016 दिनांक-13.05.16 का सन्दर्भ ग्रहण करने की कृपा करें, जो स्मार्ट सिटी मिशन के अन्तर्गत नगर का स्मार्ट सिटी प्लान विशेषज्ञ एजेन्सी जे0एल0ए0 द्वारा तैयार किये जाने हेतु संलग्न बिन्दुवार वांछित सूचना उपलब्ध कराये जाने विषयक है।

उपरोक्त सन्दर्भ में वांछित सूचना बिन्दुवार निम्नवत है :-

बिन्दु संख्या-1. ट्रैफिक मेनेजमेन्ट के सन्दर्भ में किये जाने वाले कार्य एवं भविष्य के लिये प्लान ऑफ ऐक्शन हेतु सुझाव निम्न प्रकार है:-

ट्रैफिक सिगनल लाईट:-

नगर क्षेत्र की यातायात व्यवस्था को सुचारु, सुदृढ एवं बेहतर बनाने के लिये निम्न स्थानों पर ट्रैफिक सिगनल लाईट लगाये जाना नितान्त आवश्यक है।

1.सेरुआ चौराहा 2.कोठीवाल डेन्टल कालेज 3.विवेकानन्द अस्पताल/एम0डी0ए0 कार्यालय के मोड पर 4.हरथला चौराहा 5.अकबर के किले पर 5. पी0ए0सी0 तिराहा 6.पीली कोठी चौराहा 7.लासामार्ट चौराहा 8. फब्बारा चौराहा 9. कपूर कम्पनी चौराहा 10. इम्पीरियल तिराहा 11.सम्भल चौराहा 12.हनुमान मूर्ति 13. काशीपुर तिराहा 14. कोहिनूर तिराहा 15. टी0पी0नगर तिराहा 16. गागंन तिराहा (सम्भल मोड) 17.लाकडी फाजलपुर तिराहा 18. मझौला तिराहा 19. चरण सिंह तिराहा 20. प्रकाश नगर चौराहा 21. गुरहट्टी चौराहा 22.डिप्टीगंज चौराहा 23. टाउन हाल तिराहा 24. चौमुखापुल 25. मण्डी चौक 26. अमरोहा गेट 27. इन्दिरा चौक 28.बंगला गाँव चौराहा 29.जी0आई0सी0 चौराहा 30. तहसील स्कूल चौराहा 31.गलशहीद तिराहा 32.सैलटैक्स चौराहा 33.भूड का चौराहा ।

स्टोप लाईन/जैबरा लाईन:-

नगर क्षेत्र के मुख्य मुख्य चौराहो एवं तिराहो पर स्टोप लाईन/जैबरा लाईन बनायी जाये, जिससे यातायात व्यवस्था सुचारु एवं सुदृढ हो सकें।

स्थापित स्पीड बम्प को दर्शाने हेतु उनके दोनो ओर सफेद पट्टी बनायी जाये।

318

नगर मंजूर

24/5/16

Commissioner

आयुक्त मुरादाबाद मण्डल

24/5/16

अक्त

23/5/16

24/5/16

Data Taken:

1. No of Junctions selected for improvement.
2. Traffic Management Plan for the city
3. Parking Places, Pedestrian Safety

4.1 City Profile: Safety & Security

पार्किंग :-

1. बुद्धबाजार 2. ताडीखाना तिराहा 3. लासामार्ट, 4. गुरहट्टीचौराहा 5. मण्डी चौक

मल्टीस्टोरी पार्किंग

1. टाउनहाल / पुराना महिला अस्पताल 2. चौमुखापुल

नगर में पूर्व से बने एवं वर्तमान में निर्माणाधीन शोपिंग कॉम्प्लेक्स व कम्पनियों के बड़े-बड़े शोरूमों में पार्किंग की उचित व्यवस्था नहीं है जब इन इमारतों के एम0डी0ए0 से नक्शे पास किये जाते हैं तब उनमें बैसमेन्ट पार्किंग व्यवस्था दर्शायी जाती है किन्तु सम्बन्धित मालिकों द्वारा बैसमेन्ट में व्यापार संचालित कर लिया जाता है तथा पार्किंग रोड पर होने लगती है इसी क्रम में वर्तमान में पीलीकोठी चौराहे पर मल्टीस्टोरी शोपिंग कॉम्प्लेक्स निर्माणाधीन है उक्त कॉम्प्लेक्स के मालिकान द्वारा पार्किंग दर्शाते हुये नक्शे पास करा लिये गये हैं जिनकी शोपिंग कॉम्प्लेक्स के अनुरूप पार्किंग व्यवस्था नहीं है मेरे द्वारा पूर्व में भी उपरोक्त सम्बन्ध में पत्राचार किया गया है उक्त मल्टीस्टोरी कॉम्प्लेक्स के बगल में जिला अस्पताल व हरिद्वार को जाने वाला स्टेट हाईवे स्थित है ऐसी स्थिति में उक्त स्थान पर प्रयाप्त पार्किंग व्यवस्था के अभाव में मल्टीस्टोरी कॉम्प्लेक्स का निर्माण हो जाता है तो भविष्य में नगर क्षेत्र की यातायात व्यवस्था पर प्रतिकूल प्रभाव पड़ेगा। अतः अनुरोध है कि संज्ञानित करते हुये अपने स्तर से कार्यवाही कराने की कृपा करें। उक्त इमारतों के पार्किंग के सम्बन्ध में यातायात पुलिस से एन0ओ0सी0 भी प्राप्त नहीं की जा रही है। वर्तमान में सबका बाजार एवं बिन्दल आदि कॉम्प्लेक्स में पार्किंग व्यवस्था बेसमेन्ट में न होकर सड़क पर की जा रही है। ऐसे कॉम्प्लेक्स एवं शोरूम की चैकिंग करायी जाये।

अन्डरपास:-

1. कपूर कम्पनी चौराहे के जाम से निजात पाने हेतु चौराहे पर स्थित पेट्रोल पम्प को अन्यत्र लगाया जाये तथा रेलवे प्लेटफार्म की ओर से आने वालों के लिये चौराहे पर अन्डरपास पथ बनाने की आवश्यकता है तथा लाईनपार से आने व जाने के लिये पूर्व से बने रेलवे ओवरब्रिज को मात्र पैदल यात्रियों के लिये ही खोला जाये।

2. इम्पीरियल तिराहा पर रेलवे प्लेटफार्म नम्बर 06 से यात्रियों का बुद्धबाजार की दिशा में जाने के लिये अन्डरपास पथ की अत्यधिक आवश्यकता है।

3. सम्भल चौराहा यह चौराहा नगर का सबसे व्यस्ततम चौराहा है जिस पर चन्दौसी / सम्भल / रामपुर व नगर क्षेत्र से वाहनो का अत्यधिक आवागमन रहता है करुला की ओर से ईदगॉह की ओर आने-जाने वाले वाहनो के कारण आये दिन जाम की समस्या उत्पन्न हो जाती है, जिसके निराकरण हेतु करुला से ईदगॉह की ओर आने जाने के लिये अन्डरपास पथ की महती आवश्यकता है।

4. पीतलनगरी बस स्टेशन पीतलनगरी रोडवेज बस स्टेशन पर बाहर के सभी डिपो की बसों के आवागमन के कारण दिनभर यातायात का दबाव बना रहता है, जिसके निराकरण हेतु अन्डरपास पथ बनाने की आवश्यकता है।

Data Taken:

- No of Junctions selected for improvement.
- Traffic Management Plan for the city
- Parking Places, Pedestrian Safety

4.1 City Profile: Safety & Security

ओवर ब्रिज:-

1. रेलवे स्टेशन के लिये नगर क्षेत्र से पैदल एवं वाहनो से अत्यधिक यात्रियों का आवागमन रहता है, जिस कारण रेलवे स्टेशन के सामने प्रायः जाम की स्थिति उत्पन्न हो जाती है। इसके निराकरण हेतु दुपहिया वाहन/पैदल यात्रियों के लिये रेलवे स्टेशन के दोनो ओर ओवर ब्रिज की महती आवश्यकता है।

2. इम्पीरियल तिराहा पर रेलवे प्लेटफार्म नम्बर 06 से एवं बुद्धबाजार की दिशा में अत्यधिक जनसामान्य के आवागमन के कारण जाम की स्थिति उत्पन्न हो जाती है। जाम के निराकरण हेतु दुपहिया वाहनो/पैदल यात्रियों के लिये ओवरब्रिज की महती आवश्यकता है।

पलाईओवर :-

लोको शैड पुल से सम्मल चौराहे तक जाम की स्थिति को दृष्टिगत रखते हुये साईं अस्पताल से लेकर रामगंगा पुल तक आवश्यकतानुसार बीच-बीच में डिप डाउन करते हुये पलाई ओवर का निर्माण किया जाना किया जाना नितान्त आवश्यक है अथवा रामगंगा पुल तक सम्भव न हो तो सम्मल चौराहे तक बनाया जाये।

पब्लिक ट्रांसपोर्ट:-

नगर की यातायात व्यवस्था को सुचारु सुदृढ एवं बहतर बनाने के लिये रूटो का निर्धारण करते हुये अधिक से अधिक मिनि बसो को नगरीय बस सेवा में लगाया जाये।

आटो/ई-रिक्शा:-

नगर क्षेत्र में संचालित आटो/ई-रिक्शा की संख्या अत्यधिक होने के कारण जगह-जगह जाम की स्थिति बनी रहती है। इसके निराकरण हेतु सभी आटो रिक्शा व ई-रिक्शाओ के रूट निर्धारित (कहाँ से कहाँ तक) करने के साथ-साथ पार्किंग स्टैण्ड भी निश्चित किये जाये तथा निर्धारित स्टैण्ड एवं रूटो को प्रत्येक आटो व ई-रिक्शा पर अंकित भी किया जाय।

नगर क्षेत्र से बाहर स्थापित होने वाले संस्थान:-

नगर क्षेत्र की आबादी एवं वाहनो के अत्यधिक बढ़ौत्तरी होने के कारण नगर क्षेत्र में स्थापित कन्टेनर डिपो, रेलवे स्टेशन के सामने स्थित मुसाफिर खाना, पुराना रोडवेज, मालगोदाम एवं स्लेटर हाउस के साथ-साथ काशीपुर बस स्टैण्ड/टाण्डा बस स्टैण्ड को मुख्य नगर क्षेत्र से बाहर अनयन्त्र स्थापित किया जाये।

अतिक्रमण:-

नगर क्षेत्र में बढ़ रहे अतिक्रमण के कारण नगर क्षेत्र की यातायात व्यवस्था अत्यधिक प्रभावित हो रही है, जिसके निराकरण हेतु स्थानीय पुलिस, नगर निगम मुरादाबाद व एम0डी0ए0 की एक मिश्रित टीम बनाकर नगर क्षेत्र के दुकानदारो द्वारा मुख्य मार्गो पर स्थाई व अस्थायी अवरोधो को तत्काल हटाया जाये। वर्तमान में डिप्टीगंज चौराहा से ताडीखाना, ताडीखाना तिराहा से बुद्धबाजार चौक, कटरानाज, टाउनहाल, टाउनहाल से अमरोहा गेट, एवं टाउन हाल से गुरट्टी चौराहे तक दुकानदारो द्वारा अपने सामान को रोड पर रख कर अतिक्रमण किया जा रहा है। उक्त टीम द्वारा सम्बन्धित के विरुद्ध वैधानिक कार्यवाही किया जाना नितान्त आवश्यक है।

Data Taken:

- No of Junctions selected for improvement.
- Traffic Management Plan for the city
- Parking Places, Pedestrian Safety

4.1 City Profile: Safety & Security

साप्ताहिक बाजार:-

नगर क्षेत्र में 03 साप्ताहिक बाजार सोमवार,(करूला) मंगलवार(टाउनहाल) व बुद्धवार(बुद्धबाजार) को लगते हैं, जिसके कारण सोमवार, मंगलवार व बुद्धवार को नगर में अत्यधिक जाम की स्थिति उत्पन्न हो जाती है, जिससे जनसामान्य को काफी परेशानी का सामना करना पड़ता है। ऐसी स्थिति में इन तीनों बाजारों को अन्यत्र लगाने हेतु जगह का चिन्हिकरण किया जाये।

अन्य बिन्दु:-

- 1-सड़क सुरक्षा की दृष्टि से रिफ्लेक्टिव साईनेज लगाये जाये।
 - 2-वाहनों पर विशेष कर ट्रैक्टर ट्राली एवं वैलगाड़ियों पर रिफ्लेक्टिव टेप लगाये जायें।
 - 3-शराब पीकर गाड़ी चलाने वालों के विरुद्ध अभियान चलाकर कार्यवाही की जाये।
 - 4-गति सीमा के नियन्त्रित किया हेतु कार्यवाही की जाये।
 - 5-सभी चौराहों पर स्टाप/जेब्रा लाइन बनायी जायें।
 - 6-भीड़ भाड़ वाले क्षेत्र में पार्किंग व्यवस्था की जाये।
 - 7-सड़क सुरक्षा हेतु जन सामान्य को जागरूक किया जाये।
 - 8-यातायात नियमों का प्रचार प्रसार सोशल मीडिया के माध्यम से किया जाये।
 - 9-महत्वपूर्ण चौराहों पर यातायात सिग्नल लगाये जाये।
 - 10-whats App/Facebook/Twitter के माध्यम से जनता को सड़क सुरक्षा के प्रति जागरूक किया जाये।
 - 11-दुर्घटना बाहुल्य स्थानों पर दुर्घटनाओं को रोकने के लिये प्रवर्तन, अभियांत्रिकी व सुचनात्मक संकेतों का प्रभावी उपयोग कर निस्तारण कराया जाये।
 - 12-अभियांत्रिकी के कारण सड़कों पर उत्पन्न होने वाली निम्नलिखित समस्याओं का चिन्हिकरण कर जनपद स्तर पर सम्बन्धित एजेन्सी से निस्तारण कराया जाये।
- क-दुर्घटना बाहुल्य क्षेत्रों का चिन्हिकरण।
- ख-सड़क की खराब स्थिति।
- ग-सड़क का डिवाइडर बन्द किया जाना आवश्यक है।
- घ-सड़क पर डिवाइडर बनना आवश्यक है।
- ङ-नगर क्षेत्र में सड़क पर हुये गडढो की मरम्मत करायी जाये।
- च-गति अवरोधकों को सही कराया जाये या नये लगाये जाये।
- छ-दिशा निर्देश बोर्डों को स्थापन कराया जाना।

Data Taken:

- Road Safety Measures, Helpline details, Signal Places, Vending activities
- Traffic Management Plan for the city
- Parking Places, Pedestrian Safety

4.1 City Profile: Safety & Security

ट्रैफिक व्यवस्था के सुधार के लिये सुझाव:-

1. इम्पीरियल चौराहे के पास से स्टेशन रोड, कपूर कम्पनी पर होते हुये फ्लाईओवर बनाया जाये जो फब्बारा चौक से दो हिस्सों में विभक्त हो जाये जिसमें से एक भाग फब्बारा चौक से लोकोपुल पार करता हुआ निकल जाये। दूसरा भाग पीलीकोठी चौराहे की तरफ चला जाये।
2. वर्तमान में रेलवे स्टेशन मुरादाबाद के सामने प्लेटफार्म नं0-01 से ही निकास द्वार है इसके विपरीत दिशा में भी निकास द्वार बनाया जाये तथा सड़क का विस्तार किया जाये।
3. कांठ रोड व दिल्ली रोड को मिलाया जाये, इसके लिये कांशीराम नगर के पास स्थित डबल रेलवे कासिंग के ऊपर वाहनों के निकलने के लिये ओवरब्रिज बनाया जाये।
4. पुरानी तहसील परिसर, जिला जेल परिसर, को पार्किंग हेतु चिन्हित किया जाये।

बिन्दु संख्या-2:- नगर क्षेत्र मुरादाबाद के 05 चौराहों पर 10 सी0सी0टी0वी0 कैमरे वर्ष 2014 में फ्यूचुरा मार्केटिंग नामक कम्पनी के द्वारा लगाये गये थे, जिनमें 02 कैमरे जामा मस्जिद चौराहे के इलेक्ट्रिक फॉल्ट के कारण जल गये हैं। 08 सी0सी0टी0वी0 कैमरे ठीक हैं किन्तु कन्ट्रोल रूम में लगे मोडेम के खराब होने के कारण कन्ट्रोल रूम में लगे कम्प्यूटर पर प्रदर्शित नहीं हो रहे हैं और न ही रिकॉर्डिंग हो पा रही है, जिनकी लोकेशन निम्न प्रकार है:-

क0सं0	कैमरे लगे होने का स्थान	क0स0	कैमरे की दिशा
1	इम्पीरियल तिराहा	1	बस स्टैण्ड रोड
		2	बुद्ध बाजार रोड
		3	रेलवे स्टेशन रोड
2	सम्भल चौराहा	1	रामपुर रोड
		2	ईदगाह रोड
3	जामा मस्जिद चौराहा	1	जामा मस्जिद
		2	थाना मुगलपुरा रोड
		3	जामा मस्जिद चौराहा
4	चौमुखा पुल (कश्मीरा हाउस पर)	1	रेती स्ट्रीट रोड
		2	तहसील रोड
योग-		10	कैमरे

बिन्दु संख्या-3:- सिग्नल की संख्या एवं विवरण:-

क0सं0	सिग्नल लगे होने का स्थान	स्थापित कराने वाली संस्था का नाम	वर्तमान स्थिति
1	पीलीकोठी चौराहा	नगर निगम मुरादाबाद	खराब
2	कपूर कम्पनी	नगर निगम मुरादाबाद	खराब
3	पी0ए0सी0 तिराहा	नगर निगम मुरादाबाद	खराब
4	सम्भल चौराहा	नगर निगम मुरादाबाद	खराब

Data Taken:

- Road Safety Measures, Helpline details, Signal Places, Vending activities
- Traffic Management Plan for the city
- Parking Places, Pedestrian Safety

4.1 City Profile: Safety & Security

बिन्दु संख्या-4:—नगरीय सार्वजनिक परिवहन प्रणाली का विवरण:— वर्तमान में नगर क्षेत्र मुरादाबाद में ऑटो रिक्शा एवं विक्रम टेम्पो संचालित है। इसके अतिरिक्त अन्य कोई नगरीय सार्वजनिक परिवहन उपलब्ध नहीं है।

बिन्दु संख्या-5:—

विवरण	फुटपाथ	स्ट्रीट लाइटिंग	साइकिल पाथ	सेफ कोसिंग	पार्किंग फ़ैसिलिटीस
स्थान जहां स्थित है।	<ol style="list-style-type: none"> 1. सिविल लाइन चौराहे से पीली कोठी चौराहे तक, 2. रेलवे स्टेशन की दीवार से लगा हुआ रोड के किनारे पर 3. पीलीकोठी से गुरहट्टी चौराहे तक 4. पीलीकोठी चौराहे से फब्बारा चौराहे की तरफ व स्टेशन रोड पर 5. सिविल लाइन चौराहे से पी0ए0सी0 रोड पर 	<ol style="list-style-type: none"> 1. कांड रोड, 2.दिल्ली रोड 3. हनुमान मूर्ति से काशीपुर तिराहे तक 	—	—	—

बिन्दु संख्या-6:— परिवहन व्यवस्था को चुस्त दुरुस्त बनाये रखने के लिये पिछले तीन वर्षों में डेलीनेटर, स्पीड बम्प, डिवाइडर,, मॉडर्न हाइटेक ट्रैफिक बूथ, बैरियर, लगाये गये, तथा यातायात नियमों का प्रचार-प्रसार किया गया है, जिनसे यातायात व्यवस्था सुचारू रूप से संचालित हो रही है तथा जाम की समस्या में सुधार हुआ है।

विवरण	डेलीनेटर	स्पीड बम्प	डिवाइडर	मॉडर्न हाइटेक ट्रैफिक बूथ
स्थान जहां स्थित है	पीलीकोठी चौराहा महिला थाना हनुमान मूर्ति तिराहा कोहिनूर तिराहा इम्पीरियल तिराहा फब्बारा चौक पुलिस कार्यालय कपूर कम्पनी तिराहा प्रभात मार्केट लाकड़ी तिराहा जैन मन्दिर	<ol style="list-style-type: none"> 1.प्रभात मार्केट मेयर कार्यालय 2.सर्किट हाउस मेन गेट के सामने रोड के दोनों तरफ 3.सांई अस्पताल के सामने 4.पीटीसी तिराहा पर पीएसी की तरफ जाने वाली रोड पर 5.कमिश्नर महोदय के आवास के पास 6.अकबर के किले के पास काशीराम योजना तिराहा पर 7.विवेकानन्द अस्पताल के सामने 8.एम0आइ0टी0 कालेज के सामने रोड पर 9.बुद्धिविहार आवासीय योजना पब्लिक धर्मकांटा 	कांड रोड , दिल्ली रोड, रामपुर रोड, पीलीकोठी से जैन मन्दिर तक	पी0ए0सी0 तिराहा, फब्बारा चौक

Data Taken:

- Road Safety Measures, Helpline details, Signal Places, Vending activities
- Traffic Management Plan for the city
- Parking Places, Pedestrian Safety

4.1 City Profile: Safety & Security

बिन्दु संख्या:4ए-महिला प्रकोष्ठ से सम्बन्धित प्रगतिशील अपराधों की समीक्षा प्रगतिशील विवरण दि०:- 01.01.16 से 31.12.16 तक

सर्किल	नाम थाना	हत्या			शीलभंग			अपहरण			छेड़खानी			मो उत्पीड़न			304 भादवि			बलात्कार			दहेज हत्या			आत्म हत्या			योग					
		2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014			
कोतवाली	कोतवाली				6	4	3		1	4	2	2	3	1						1	1								10	8	10			
	मुगलपुरा				6	2	5	4		2	2		5	3		5				2	4		1											
	नागफनी	1			14	2			11	5	5	3	3	2	3	1				3	1				1									
योग सर्किल		0	1	0	26	8	8	15	6	11	7	5	10	7	1	5	0	0	0	6	6	0	1	0	1	0	0	0	0	0	0	62	27	35
कटघर	कटघर	2			72	14	16	18	23	30	6		2		4	2			3	19	13	10	2	2	5				119	56	68			
	मलसहीद				3				9	2		4	3	1	3	2				2			2						21	8	5			
योग सर्किल		2	0	0	75	14	16	27	25	30	10	3	5	1	7	4	0	0	3	21	13	10	4	2	5	0	0	0	140	64	73			
सिंठलाइन	सिंठ लाइन	1		3	25	22	17	21	14	9	2	4	4	7	12	4	1		6	3	11	1	0	1				64	55	49				
	मझौला	2	1	4	44	30	34	36	42	28	4	16	8	8	27	18			16	19	14	1	2	8	1	2	4	112	139	118				
	मठ थाना													662	199	277			1	2	1							663	201	278				
योग सर्किल		3	1	7	69	52	51	57	56	37	6	20	12	677	238	299	1	0	0	23	24	26	2	2	9	1	2	4	839	395	445			
हाईवे	पाकबडा	3	2	1	22	17	6	20	17	8	1	1	1	3	8	2			4	7	6	1	1	3				54	53	27				
	मूढापाण्डे	2	1		8	4	2	7	9	8	28	9	12	13					3	13	8	4	4					66	40	30				
योग सर्किल		5	3	1	30	21	8	27	26	16	29	10	13	16	8	2	0	0	0	7	20	14	5	5	3	1	0	0	120	93	57			
योग नगर क्षेत्र		10	5	8	200	95	83	126	113	94	52	38	40	701	254	310	1	0	3	57	63	50	12	9	18	2	2	4	1161	579	610			
बिलारी	बिलारी	2	3	2	29	8	4	34	17	5	1	1	1	5	2	3	1	1	4	4	1	7	2	2				83	38	18				
	मैनादेर			2	3	4	9	10	9	10				1		1	5	2	2	1	9	2	6		4	1		23	27	31				
	कुन्दरकी	1	1		13	6	10	11	13	8		5	1		4	2				5	5	3			3			30	34	27				
	हो गढो			2	6	9	4	5	9	9		1	1	1			3			3	6	5	1	2	3			16	27	25				
योग सर्किल		3	4	6	51	27	27	60	48	32	1	8	3	7	11	10	1	3	1	21	17	13	2	8	9	0	0	0	152	126	101			
लकुण्डवा	लकुण्डवा	1	3	1	11	4	5	23	4	8	1			3	7	15			1	9	5	9	4	2				51	23	39				
	मोजपुर	1		1	12	6	7	22	18	11		1	1							13	4	4	1					50	29	24				
	भगतपुर	1	1		8	6	1	13	8	4	1			3	3	1				5	7	4	2	1	3			33	27	13				
	डिलारी	2	1	2	16	12	5	17	10	3	2		3	3	2	2		1		2	1	2	2					44	27	17				
योग सर्किल		4	3	6	47	28	16	75	40	26	4	1	4	10	12	18	0	1	1	29	17	19	9	3	3	0	1	0	178	106	93			
कट	कट	1			16	6	11	13	6	8	1	1	1	3	3	1				10	4	1	1	2	2			45	22	24				
	प्रजलेट	2		3	2	4	3	2	9	4	14	4	5		2	2			1	5	10	6	2					27	29	24				
योग सर्किल		3	0	3	18	10	14	15	15	12	15	5	6	3	5	3	0	0	1	15	14	7	3	2	2	0	0	0	72	51	48			
योग ग्रामीण क्षेत्र		10	7	15	116	65	57	150	103	70	20	14	13	20	28	31	1	4	3	65	48	39	20	13	14	0	1	0	402	283	242			
योग जनपद		20	12	23	316	160	140	276	216	184	72	52	53	721	282	341	2	4	6	122	111	89	32	22	32	2	3	4	1563	862	852			

Data Taken:

- Women Safety Details
- Crime against women for last 3 years
- Data Shows reduction in crime rates against women for Moradabad City.

4.1 City Profile: No of Road Accidents and Identified Blackspot

सेवा में,
श्रीमान पुलिस अधीक्षक, यातायात
जनपद मुरादाबाद

जवाब:- पत्रांक ब्लैक स्पॉट 16/17 दिनांक- 29.11.2017 के सम्बन्ध में।
महोदय,

क्र० सं०	थाना	मु०अ०सं०	धारा	घटनास्थल	हार्डवे का नाम व नम्बर / अन्य रोड का नाम व नम्बर	मृतकों की सं०	घायलों की सं०
1	गलशहीद	112/16	279/304-A IPC	हरपाल नगर	NH-24 (घोड़ी रोडवेज के सामने)	01	-
2		293/16	279/338 IPC	असलपुरा	शहर का लोकल रोड	-	01
3		324/16	279/338 IPC	सम्भली गेट	शहर का लोकल रोड	-	01
4		331/16	279/338 IPC	हरपाल नगर	NH-24 सिगलानी सिनेमा के सामने	-	01
5		381/16	279/338 IPC	ईटगाह नगर क्षेत्र	शहर का लोकल रोड	-	01
6		394/16	279/338 IPC	एक्सपोर्ट फर्म सामान के सामने रोड	शहर का लोकल रोड	-	01

नोट:- दुर्घटना बाहुल्य क्षेत्र रोडवेज हरपाल नगर NH-24 (पुराना) ।

29-11-17

रामेश सिंह यादव
प्रभासी निरीक्षक
थाना गलशहीद मुरादाबाद
P.No. 012/20101
जनपद मुरादाबाद



Data Taken: Numbers of Identified Black spot & Road Accidents in the city

4.1 City Profile: Electricity Supply Details

विद्युत नगरीय वितरण मण्डल, मुरादाबाद
(E-mail ID: - dgm_eudcmdbd@yahoo.co.in)



मुरादाबाद महानगर को

स्मार्ट सिटी बनाने संबंधी प्रस्ताव एवं संबंधित सूचनाएं

अपर नगर आयुक्त, नगर निगम, मुरादाबाद के

पत्रांक 82/एस0टी0/अ0न0आ0/न0नि0मु0/2015 दिनांक अक्टूबर 17, 2015 के संदर्भ में

एस0के0 वर्मा
अधीक्षण अभियन्ता
Mob. No. 9412749796

4.1 City Profile: Electricity Supply Details

Salient Features & Important Information

- There are 3 Nos. Electricity Urban Distribution Division in this Circle, which are in the business of maintaining electricity supply and revenue realization in Moradabad Town.
- There is Electricity Urban Test Division, Moradabad who is responsible for metering of all types of consumers in the town and periodic testing of switchgears and transformers at 33/11 KV Sub Stations, which are 25 Nos. with total installed capacity of 354 MVA.
- There are 4 Nos. 220/132 KV Transmission Sub-Stations namely 220 KV Sub Station Majhola, Moradabad, 132 KV Sub Station Kanth, 132 KV Sub Station Gulabbari, Moradabad & 132 KV Sub- Station Avas Vikas, Moradabad feeding all distribution Sub-Stations.
- At present 4 Nos. 33/11 KV Sub Stations are under construction with a total proposed installed capacity of 40 MVA and proposal for increasing the installed capacity of 3 Nos. Sub-Stations have been moved for approval.
- Presently under R-APDRP Part-B Scheme of Ministry of Power (MOP), Government of India, the work of augmentation and strengthening of distribution net work in Moradabad Town is under way and its completion period is 15 months from the month reckoned from the month of February 2015.
- Presently in Moradabad town, there is no underground LT Mains or 11 KV line net work in any area.
- All the Energy Meters of consumers in the town are static i.e. Solid State.
- Consumer of all categories can exercise the option of paying the electricity bills on-line through UPPCL Web Portal.
- All the consumers in the area having sanctioned load of 25 KW and above are billed on the basis of meter reading through Remote/Modem i.e. AMR (Automated Meter Reading).
- Average energy received per month in town area is about 66 MU against which average revenue to the tune of Rs. 28.00 Crores to Rs. 30.00 Crores is realized reflecting an Aggregate Technical & Commercial losses (AT&C) of about 37%. This higher percentage of AT&C losses is primarily in the minority dominated areas, where LT distribution net work is quite prone to pilferage and these areas in particular requires underground cabling and the metering through Feeder Pillar Boxes so that LT net work and the metering infrastructure is not accessed unauthorizedly and the meters are not tampered.

Contd...2..

4.1 City Profile: Electricity Supply Details

-2-

Conclusion & Proposal:

So far as, the overloading of power transformers on Secondary Sub Stations and the feeders emanating from them and the distribution transformers is concerned, the work under R-APDRP Part-B Scheme with financial support from Government of India and Power Finance Corporation New Delhi as Nodal Agency, the Distribution System is expected to be relieved from the vagaries of overloading when this project comes to the closure. But the focus under Smart City mission should primarily be on underground LT net work and the metering of the consumers through Feeder Pillars Boxes i.e. local clusters and meters outside the premises. It would also be better if the meter of the consumer having sanctioned load from 1 KW up to 24 KW is done through RF enabled meters so that human interface in reading work is totally eliminated because this technology will facilitate the reading of consumers through remote and in turn energy consumed in the town shall be optimum and revenue will definitely take a quantum jump resulting in good rate of return on investments and AT&C losses are bound to come down to the desired acceptable level of 15%, which shall surely justify the position of the town as Smart City qualifying in respect of electricity consumption, supply availability and of course other criteria shall automatically be met.

(S.K. Verma)
Superintending Engineer
Electricity Urban Distribution Circle
Moradabad

ELECTRICITY URBAN DISTRIBUTION CIRCLE MORADABAD

PARTICULARS of CONNECTIONS

Sl.No.	PARTICULARS	EUDD-I MBD	EUDD-II MBD	EUDD-III MBD	TOTAL
1	No. of Residential Connections	35548	38647	36798	110993
2	No. of Commercial Connections	5486	8235	4938	18659
3	No. of Industrial Connections(LMV-6)	913	1325	3513	5751
4	No. of Industrial Connections(HV-2)	101	39	51	191
5	No. of Government Connections	40	44	36	120
6	Total	42088	48290	45336	135714
	AT&C Losses upto 7/15	22.09	37.04	52.34	36.95
	Average Energy received in MU per month	18.765	24.727	22.196	65.688

(S. K. Verma)
Superintending Engineer
Electricity Urban Distribution Circle,
Moradabad

4.1 City Profile: Electricity Supply Details

पारिशिष्ट - 03

विद्युत नगरीय वितरण मण्डल, मुरादाबाद के अंतर्गत तीनों नगरीय वितरण खण्डों के कार्यक्षेत्र में विद्युत व्यवस्था की स्थिति, सुधार हेतु कार्यों की प्रगति, प्रस्तावित कार्य योजना व राजस्व वसूली की स्थिति

मुरादाबाद महानगर में वर्तमान में विभिन्न श्रेणियों के लगभग 1,40,000 विद्युत उपभोक्ता हैं जिनमें लगभग 6300 उपभोक्ता औद्योगिक श्रेणी में व शेष उपभोक्ता घरेलू बत्ती पंखा व वाणिज्यिक तथा सरकारी श्रेणी के हैं । मुरादाबाद महानगर की विद्युत व्यवस्था विद्युत नगरीय वितरण मण्डल, मुरादाबाद के अंतर्गत कुल तीन वितरण खण्डों के अधीनस्थ 09 उपखण्ड अधिकारियों, 23 अवर अभियन्ताओं व लगभग 450 अन्य विभागीय व संविदा कर्मचारियों के द्वारा देखी जा रही है व महानगर को विद्युत आपूर्ति करने वाले 33/11 केवी के कुल 26 नग विद्युत उपकेन्द्रों के माध्यम से लगभग 108 नग, 11 केवी के पोषकों के द्वारा सुनिश्चिता की जा रही है । महानगर में इन उपभोक्ताओं को 25 केवीए से 1000 केवीए क्षमता तक के 11/0.4 केवी के लगभग 1600 नग वितरण परिवर्तकों से संयोजित कर विद्युत आपूर्ति की जा रही है । उक्त 26 नग, 33/11 केवी विद्युत उपकेन्द्रों को विद्युत आपूर्ति पारेषण के 04 नग विद्युत उपकेन्द्रों-132 केवी विद्युत उपकेन्द्र मझोला (स्थापित क्षमता 163 एमवीए) , 132 केवी विद्युत उपकेन्द्र आवास विकास (स्थापित क्षमता 80 एमवीए), 132 केवी विद्युत उपकेन्द्र गुलाबबाड़ी (स्थापित क्षमता 80 एमवीए) एवं 132 केवी विद्युत उपकेन्द्र कांठ रोड (स्थापित क्षमता 103 एमवीए), मुरादाबाद से की जाती है । सामान्यतः मुरादाबाद महानगर को केन्द्रीय ऊर्जा प्रणाली नियंत्रण कक्ष, लखनऊ के निर्देशों पर न्यूनतम 22 घंटे विद्युत आपूर्ति के आदेश हैं जो कि ग्रिड की स्थिति, विद्युत मांग एवं उपलब्धता के अनुसार उपलब्ध कराई जाती है । वर्तमान में मुरादाबाद महानगर की कुल अधिकतम मांग लगभग 130 मेगावाट (145 एम0वी0ए0) है ।

भारत सरकार के उपक्रम पॉवर फायनेंस कारपोरेशन, नई दिल्ली के तत्वाधान व नोडल एजेंसी के रूप में महानगर में आर0-ए0पी0डी0आर0पी0 पार्ट-ए योजना के अंतर्गत सूचना प्रौद्योगिकी के कार्यान्वयन के उपरांत महानगर में रामस्त उपभोक्ताओं के यहां आधुनिक इलैक्ट्रॉनिक मीटर स्थापित किए गए हैं व उपभोक्ताओं की बिलिंग का कार्य ऑन-लाइन कर दिया गया है जिससे उपभोक्ता अपना बिल एक माउस पर क्लिक कर ऑन-लाइन जमा कर सकते हैं तथा महानगर के विभिन्न स्थानों पर 23 बिल संग्रह केन्द्र स्थापित हैं व दो मोबाइल वैन बिल संग्रह हेतु भी महानगर में कार्यशील हैं । इसी योजना के अंतर्गत मुरादाबाद महानगर में तंग गलियों व बस्तियों में, जहां सीधे कटिया का प्रयोग कर अवैध उपभोक्ताओं द्वारा विद्युत चोरी की प्रबल संभावना थी, ऐसे स्थानों पर ए0बी0 केबिल डालकर विद्युत चोरी के स्तर को एक सीमा तक कम किया गया है । महानगर में जहां लगभग 4 वर्ष पूर्व औसत तकनीकी एवं वाणिज्यिक हानियां 50% से अधिक थी, इनका स्तर कम कर लगभग 25% पर लाया गया है । लाइन हानियों के स्तर को शासन व केन्द्र सरकार की अपेक्षाओं के अनुरूप निर्धारित अवधि में 15% के स्तर पर लाने के पूर्ण प्रयास किए जा रहे हैं जिसके लिए निम्नलिखित उपाय सुनिश्चित किए जा रहे हैं :

1.	अवैध रूप से विद्युत का प्रयोग कर रहे व्यक्तियों को तुरंत विद्युत संयोजन देकर मीटर स्थापित कराना ।
2.	विद्युत संयोजन का अयिलंब लैजरीकरण कराकर अगले माह से उपभोक्ता का बिल निर्गत करना ।
3.	दोषपूर्ण मीटरों को त्वरित कार्यवाही कर बदलकर सिस्टम में समय से एग्रेड कराकर श्रुतिरहित बिल जेनरेट किया जाना ।

Data Taken: Number of Electric Connections, R-ADRP Fund, AT&C losses, Electric Network & Capacity Details

4.1 City Profile: Electricity Supply Details

-2-

4.	उपभोक्ताओं की सुविधा हेतु ऑन-लाइन बिल जमा करना व महानगर में बिल संग्रह मोबाइल वैन की संख्या में वृद्धि करना जिससे उपभोक्ताओं को बिल जमा करने की सुविधा सुलभ हो सके ।
5.	विद्युत बकायेदारों के संयोजनों का प्रभावी विच्छेदन व अवैध रूप से चलते पाए जाने पर भारतीय विद्युत अधिनियम 2003 की विभिन्न धाराओं में प्राथमिकी दर्ज कराना व दण्डारोपित करना ।
6.	उपभोक्ताओं के मीटरों को उपभोक्ताओं के परिसरों के बाहर यथोचित स्थान पर स्थापित कराना जिससे मीटर के साथ किसी प्रकार की छेड़छाड़ या अन्य किसी प्रकार की गड़बड़ियों को रोका जा सके ।
7.	बकायेदार उपभोक्ताओं के विरुद्ध धारा-3 नोटिस व जिला प्रशासन के गाध्यग से धारा-5 नोटिस भेजकर विद्युत बकायों की वसूली सुनिश्चित करना ।
8.	डोर-टू-डोर सर्वेक्षण कर उपभोक्ताओं से बकाया वसूली, विच्छेदन व नए संयोजन निर्गत करने का कार्य अभियान चलाकर किया जाना ।
9.	वैध उपभोक्ताओं के सरल चिन्हीकरण हेतु परिसर पर नाम, एकाउन्ट आई0डी0 व स्वीकृत भार इत्यादि के स्पष्ट लेखन का कार्य किया जाना ।
10.	नगर के विभिन्न स्थानों पर सड़े-गले खम्भों व जर्जर तारों को बदलवाना तथा विद्युत चोरी बाहुल्य क्षेत्रों में ए0बी0 केबिल डलवाना ।

उपभोक्ताओं के दोषपूर्ण मीटरों को बदलने व पुराने मीटरों को उपभोक्ताओं के परिसर के अंदर से निकालकर यथोचित स्थान पर बाहर स्थापित किए जाने हेतु युद्ध स्तर पर सीमित विभागीय संसाधनों का पूर्ण उपभोग करते हुए तथा इस कार्य में पंजीकृत वाहय एजेंसी को अनुबन्ध के आधार पर कार्य कराने हेतु लगाया गया है जिसके सकारात्मक परिणाम, बेहतर थू-रेट (प्रति यूनिट खपत पर औसत आय) के रूप में परिलक्षित होने लगे हैं । जो थू-रेट मार्च 2014 में रु0 3.36 प्रति यूनिट था, मार्च 2015 में रु0 3.78 प्रति यूनिट, वर्तमान में मार्च 2016 में यह रु0 4.40 प्रति यूनिट है ।

ऊर्जा मंत्रालय, भारत सरकार द्वारा वित्त पोषित व नोडल एजेंसी पॉवर फायनेंस कारपोरेशन, नई दिल्ली के निर्देशों के अनुरूप आर0-ए0पी0डी0आर0पी0 पार्ट-बी योजना के अंतर्गत मुरादाबाद महानगर में लगभग रु0 145.00 करोड़ की लागत से प्रस्तावित महानगर के विद्युत तंत्र के सुदृढीकरण हेतु निगम मुख्यालय स्तर से अनुबन्धित वाहय एजेंसी मैसर्स विजय इलेक्ट्रिकल्स लि0, हैदराबाद के द्वारा विभिन्न कार्य किए जाने प्रस्तावित हैं जिनमें निम्नलिखित कार्य प्रगति पर हैं :

1.	10 एमवीए क्षमता के 33/11 केवी विद्युत उपकेन्द्र सम्भल रोड, मुरादाबाद के निर्माण का कार्य ।
2.	33/11 केवी विद्युत उपकेन्द्र ट्रांसपोर्ट नगर, मुरादाबाद की स्थापित क्षमता 15 एमवीए से बढ़ाकर 20 एमवीए किया जाना ।
3.	महानगर में कार्यशील कुल 26 नग विद्युत उपकेन्द्रों पर स्थापित पुराने ब्रेकरों को आधुनिक SCADA Compatible 33 व 11 केवी VCB (Breakers) से बदला जाना ।

Data Taken: Number of Electric Connections, R-ADRP Fund, AT&C losses, Electric Network & Capacity Details

4.1 City Profile: Electricity Supply Details

विद्युत नगरीय वितरण मण्डल, मुरादाबाद

स्मार्ट सिटी प्लान तैयार किए जाने हेतु मण्डलायुक्त महोदय, मुरादाबाद मण्डल, मुरादाबाद के पत्रांक 38/एस0टी0(शि0)/न0आ0/नि0मि0मि0/2016 दिनांक 13.05.16 से मांगी गई सूचनाओं का विवरण ।

सूचना	सूचना का विवरण																		
कितने घरों में इलेक्ट्रिक मीटर लगे हैं ।	विद्युत नगरीय वितरण मण्डल, मुरादाबाद के अंतर्गत विभिन्न श्रेणी के उपभोक्ताओं की संख्या व उन पर स्थापित मीटरों का विवरण निम्नवत् है : <table border="1" style="margin-left: 20px;"> <tr><td>1. घरेलू बत्ती पंखा</td><td>115962</td></tr> <tr><td>2. वाणिज्यिक</td><td>18253</td></tr> <tr><td>3. लघु मध्यम पावर</td><td>6094</td></tr> <tr><td>4. लार्ज पावर</td><td>222</td></tr> <tr><td>5. एल0एम0वी0-4</td><td>1060</td></tr> <tr><td>6. पथ प्रकाश</td><td>03</td></tr> <tr><td>7. जल विभाग</td><td>145</td></tr> <tr><td>8. राजकीय नलकूप</td><td>01</td></tr> <tr><td>कुल योग</td><td>1,41,740</td></tr> </table>	1. घरेलू बत्ती पंखा	115962	2. वाणिज्यिक	18253	3. लघु मध्यम पावर	6094	4. लार्ज पावर	222	5. एल0एम0वी0-4	1060	6. पथ प्रकाश	03	7. जल विभाग	145	8. राजकीय नलकूप	01	कुल योग	1,41,740
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कितने घरों में इलेक्ट्रिक मीटर घर के अंदर लगे हैं ।	विद्युत नगरीय वितरण मण्डल, मुरादाबाद के कार्यक्षेत्र में लगभग 35 प्रतिशत घरेलू बत्ती एवं पंखा व वाणिज्यिक श्रेणी के मीटर उपभोक्ताओं के परिसरों के अंदर स्थापित हैं जिनको परिसरों के बाहर शिफ्ट कर आधुनिकतम इलेक्ट्रॉनिक मीटरों से बदलने का कार्य प्रगति पर है ।																		
कितने घरों में इलेक्ट्रिक मीटर घर के बाहर लगे हैं ।	विद्युत नगरीय वितरण मण्डल, मुरादाबाद के अंतर्गत लगभग 65 प्रतिशत मीटरों को उपभोक्ताओं के परिसरों के बाहर स्थापित किए जाने का कार्य पूर्ण हो गया है ।																		
मीटरिंग किस प्रकार की गयी है, आटोमेटेड रीडिंग, अथवा मैनुअल रीडिंग आटोमेटेड एवं मैनुअल मीटर से जुड़े घरों की पृथक-पृथक संख्या	विद्युत नगरीय वितरण मण्डल, मुरादाबाद के अंतर्गत समस्त बृहत् पावर उपभोक्ताओं (Large Power Consumers) की रीडिंग Automated Metering Infrastructure के माध्यम से की जा रही है एवं उपभोक्ताओं को उनके मासिक विद्युत बिल ऑन-लाइन उपलब्ध कराए जा रहे हैं। इसके अतिरिक्त लघु एवं मध्यम पावर उपभोक्ता, जिसमें 10 अश्व शक्ति अथवा अधिक स्वीकृत भार के समस्त उपभोक्ताओं की मासिक बिलिंग का कार्य एम0आर0आई0 आधारित प्रणाली से अर्थात् उपभोक्ताओं को मीटर डाटा को मीटर रीडिंग इंस्ट्रुमेंट में डाउन-लोड कर उसकी बिलिंग कम्प्यूटर लोडेड एप्लीकेशन सॉफ्टवेयर पर अपलोड कर बिल चयन प्रति ऑन-लाइन उपभोक्ताओं को उपलब्ध कराई जाती है व इसकी हार्ड कॉपी भी उपभोक्ताओं को उपलब्ध कराई जाती है तथा उक्त दोनों भार श्रेणियों के उपभोक्ताओं के अतिरिक्त शेष सभी उपभोक्ताओं - घरेलू बत्ती एवं पंखा एवं वाणिज्यिक श्रेणी (10 अश्व शक्ति/कि0वा0 से कम स्वीकृत भार) के उपभोक्ताओं को हैंड हैंड बिलिंग ड्रियाइस के द्वारा परिसर में ही मीटर पढन कराकर उपभोक्ताओं को ऑन-लाइन भी उपलब्ध कराए जाते हैं जिसका भुगतान उपभोक्ता ऑन-लाइन भी कर सकते हैं। बिल जमा करने हेतु महानगर में विभिन्न स्थानों पर कुल 23 रियाइ केन्द्र स्थापित हैं । विभिन्न माध्यमों से उपभोक्ताओं की मीटर रीडिंग किए जाने का विवरण निम्नवत् है :																		

Data Taken: Number of Electric Connections, R-ADRP Fund, AT&C losses, Electric Network & Capacity Details

4.1 City profile: Electricity Supply

-2-

4.	उपभोक्ताओं की सुविधा हेतु ऑन-लाइन बिल जमा करना व महानगर में बिल संयुक्त मोबाइल ऐप की संख्या में वृद्धि करना जिससे उपभोक्ताओं को बिल जमा करने की सुविधा सुलभ हो सके
5.	विद्युत इकायेदारों के संयोजनों का प्रभावी विच्छेदन व अतिरिक्त रूप से लक्ष्य प्राप्त करने पर भारतीय विद्युत अधिनियम 2003 की विभिन्न धाराओं में प्रायत्तिकी उर्ज कराना व दायरोगित करना ।
6.	उपभोक्ताओं के मीटरों को उपभोक्ताओं के परिसरों के बाहर बंधोचित स्थान पर स्थापित करना जिससे मीटर के साथ किसी प्रकार की छेड़छाड़ या अन्य किसी प्रकार की वाइब्रेशनों को रोका जा सके
7.	बकायेदार उपभोक्ताओं को शिफ्ट धारा-3 नोटिस व शिफ्ट प्रशासन के माध्यम से धारा-5 नोटिस भेजकर विद्युत बकायों की तत्पुली सुनिश्चित करना
8.	डोर-टू-डोर सर्वेक्षण कर उपभोक्ताओं से बकाया वसूली, पिछेदार व गैर संयोजन निर्गत करने का कार्ट अभियान चलाकर किया जाना ।
9.	वैद्य उपभोक्ताओं के सरल विच्छेदन हेतु परिसर पर नाम, एकाउन्ट आईडी व द स्वीकृत भार इत्यादि को स्पष्ट लेखक का कार्य किया जाना ।
10.	नगर के विभिन्न स्थानों पर लगे-गले कन्भो व गार्डर तारों के बदलवाना तथा विद्युत चोरी बाहुल्य क्षेत्रों में ए0सी0 चेंचित इलवाना ।

उपभोक्ताओं के दोषपूर्ण मीटरों को बदलने व पुराने मीटरों को उपभोक्ताओं के परिसर के अंदर से निकालकर बंधोचित स्थान पर बाहर स्थापित किए जाने हेतु सुध स्तर पर सीमित विभागीय संसाधनों का पूर्ण उपयोग करते हुए तथा इन कार्ट में एजीक्यूट वाइब एजेंसी को अनुबन्ध के आधार पर कार्य कराने हेतु लगाया गया है जिसके सफलतापूर्वक परिणाम, बेहतर डू-रेट (प्रति यूनिट खपत पर औसत आय) के रूप में परिलक्षित होने लगे हैं । जो डू-रेट मार्च 2014 में रु0 3.36 प्रति यूनिट था, मार्च 2015 में रु0 3.78 प्रति यूनिट, वर्तमान में मार्च 2016 में यह रु0 4.40 प्रति यूनिट है ।

उर्जा मंत्रालय, भारत सरकार द्वारा वित्त पोषित व मोडल एजेंसी पॉवर प्रायवेंस कारपोरेशन, नई दिल्ली के निर्देशों के अनुसार आर0-ए0सी0डी0आर0पी0 धार्ड-की योजना के अंतर्गत नुरादाबाद महानगर में लगभग रु0 145.00 करोड की लागत से प्रस्तावित महानगर के विद्युत तंत्र को सुदृढीकरण हेतु विजय मख्यालय स्तर से अनुबन्धित बाह्य एजेंसी गैरार्ड विजय इलेक्ट्रिकल्स लि0, हैदराबाद के द्वारा विभिन्न कार्ट किए जाने प्रस्तावित है जिनमें निम्नलिखित कार्ट प्रगति पर हैं :

1.	10 एमवीए क्षमता के 33/11 केवी विद्युत उपकेन्द्र राजगल रोड, नुरादाबाद के निर्माण का कार्य ।
2.	33/11 केवी विद्युत उपकेन्द्र ट्रांसपोर्ट बजार, नुरादाबाद को स्थापित क्षमता 15 एमवीए से बढ़ाकर 20 एमवीए किया जाना ।
3.	महानगर में कार्टरिल कुल 26 नए विद्युत उपकेन्द्रों पर स्थापित पुराने बकटों को आधुनिक SCADA Compatible 33 व 11 केवी VCB (Breakers) से बदलना ।

4.1 City Profile: Electricity Supply Details

-3-

4.	महानगर में भूमिगत केबिलों में फॉल्ट होने पर उसका तत्काल पता लगाने हेतु Cable Fault Locator आपूर्ति/क्रय किया जाना ।
5.	महानगर में अतिभारित 11 केवी पोषकों के भार विभाजन हेतु नए 11 केवी पोषकों का निर्माण किया जाना। इन नए पोषकों का निर्माण आधुनिक तकनीकी से ट्रेंच-लैस मशीनों (जिसमें किसी प्रकार की सड़क आदि को बिना तोड़े कार्य किया जा सकता है) के द्वारा भूमिगत केबिल डालकर किया जाना है (सूची संलग्न)।
6.	घनी आबादी में जहां हाईटेंशन लाइन होने के कारण विद्युत दुर्घटना होने की संभावना है, ऐसे स्थानों पर उपरिगामी लाइन हटाकर भूमिगत केबिल बिछाने का कार्य ।
7.	पुराने, क्षतिग्रस्त एवं जर्जर तारों वाली लाइनों के स्थान पर नए तार बिछाकर लाइन का निर्माण करना ।
8.	पूरे महानगर में 100 केवीए, 250 केवीए एवं 400 केवीए क्षमता के लगभग 366 नग 11/0.4 केवी के नए उपकेन्द्रों का निर्माण किया जाना।
9.	कुल लगभग 300 नग क्षतिग्रस्त परिवर्तक प्लिन्थों की मरम्मत का कार्य पूर्ण किया जा चुका है ।
10.	पुराने 11/0.4 केवी अतिभारित विद्युत उपकेन्द्रों की स्थापित क्षमता की वृद्धि का कार्य ।
11.	नगर निगम, मुरादाबाद की सीमा में नई आबादी, जो कि अविद्युतीकृत है तथा जहां पर विभागीय एल0टी0 लाइन न होने के कारण उपभोक्ताओं को लंबी-लंबी सर्विस केबिल द्वारा तकनीकी व वैध रूप से विद्युत संयोजन दिये गए हैं । ऐसे क्षेत्रों में विभागीय एल0टी0 लाइन व परिवर्तक स्थापित कर वैध विद्युत संयोजन अवमुक्त करना जिससे शासन की अपेक्षाओं के अनुरूप लाइन हानियों को रोकना व कम किया जा सके ।
12.	महानगर में पूर्व में स्थापित लोहे के खम्भों के क्षतिग्रस्त, सड़े-गले होने के कारण उनको शत-प्रतिशत बदलने का कार्य ।
13.	विद्युत दुर्घटना बाहुल्य क्षेत्रों व रोड क्रॉसिंग पर एच0टी0 व एल0टी0 लाइनों के नीचे गार्डिंग का कार्य ।
14.	पूर्व में स्थापित व नए विद्युत उपकेन्द्रों पर कैपेसिटर बैंकों के स्थापन का कार्य जिससे उपकेन्द्रों की अतिभारिता कम करने में सहायक होने के साथ साथ उपभोक्ताओं को बेहतर वोल्टेज पर गुणवत्तापरक विद्युत आपूर्ति सुनिश्चित की जा सके ।
15.	स्थापित 11/0.4 केवी वितरण परिवर्तकों पर क्षतिग्रस्त एल0टी0 केबिल व Distributors को बदलने का कार्य।

उक्त योजना में विगत में स्थापित सभी 1600 नग वितरण परिवर्तकों व नए प्रस्तावित सभी 366 नग वितरण परिवर्तकों पर मीटर लगाकर उन पर मॉडम स्थापित किए जाने का प्रस्ताव है जिससे इस व्यवस्था के माध्यम से अन्य वितरण परिवर्तकों पर ऊर्जा उपभोग का सही आंकलन कर ऊर्जा ऑडिट के द्वारा पता लगाया जाना संभव होगा कि महानगर के किस विद्युत उपकेन्द्र से पोषित किस 11 केवी पोषक पर स्थित वितरण परिवर्तक के ऊपर कितनी ऊर्जा का प्रवाह हो रहा है व उसके सापेक्ष किसी ऊर्जा की बिलिंग कर कितना राज्य प्राप्त हो रहा है जिससे यह चिन्हित किया जा सके कि महानगर के किरा क्षेत्र में विद्युत चोरी हो रही है व एक सघन चैकिंग अभियान चलाकर विद्युत चोरी को रोकना संभव होगा तथा इस कार्य में शिथिलता बरतने पर संबंधित अधिकारियों/अधिकारिकों के विरुद्ध भी यथा आवश्यक कार्यवाही संभव हो सकेगी ।



4.1 City Profile: Electricity Supply Details

-2-

	<ol style="list-style-type: none"> 1. Automated Meter Reading वाले उपभोक्ताओं की संख्या 222 2. MRI Based Meter Reading वाले उपभोक्ताओं की संख्या 3400 3. Manual Meter Reading (Hand Held Device) वाले उपभोक्ताओं की संख्या 136100
अवैध कनेक्शन एवं फाल्ट की मानीटरिंग करने का मैकेनिज्म क्या है ।	<p>अवैधानिक संयोजनों के अनुश्रवण हेतु मुरादाबाद नगर में विद्युत प्रवर्तन दल का कार्यालय स्थित है जिसमें निरीक्षक स्तर का एक अधिकारी व अन्य पुलिस बल की टीम के साथ विभागीय अवर अभियन्ता की तैनाती है व जिनके द्वारा विभिन्न स्रोतों से प्राप्त सूचनाओं, क्षेत्र में स्थित विद्युत उपकेन्द्रों/पोषकों पर लाइन टानियों की प्रतिशतता के आधार विद्युत चोरी बाहुल्य क्षेत्रों में समय समय पर विभागीय कर्मचारियों/अधिकारियों एवं स्थानीय जिला प्रशासन/पुलिस प्रशासन से समन्वय स्थापित कर चैकिंग अभियानों में विद्युत चोरी पकड़ने व अवैध संयोजनों को जियगित करने का कार्य किया जाता है ।</p> <p>विद्युत फॉल्ट्स का अनुश्रवण करने हेतु मुख्यालय स्तर पर निर्धारित मानकों के अनुरूप प्रत्येक उपकेन्द्र पर कुशल एवं अयुशाल भ्रमिकों को वाह्य कार्यदायी संस्था के माध्यम से संविदा पर रखा जाता है जो कि विद्युत उपकेन्द्रों से पोषित क्षेत्रों में शिकायत प्राप्त व पोषकों की ट्रिपिंग के उपरांत पैट्रोलिंग कर फॉल्ट का अनुश्रवण व उसको अटैण्ड करने का कार्य करते हैं । यद्यपि भारत सरकार द्वारा पोषित आर०ए०पी०डी०आर०पी० योजना के अंतर्गत मुरादाबाद नगर हेतु SCADA System (Supervisory Control & Data Acquisition) की स्वीकृति हो चुकी है जिसको समुचित स्तर से निर्देशन मिलने के उपरांत क्रियान्वित किया जाएगा ।</p>
अंडरग्राउंड केबलिंग नगर के किस क्षेत्र में की गई है तथा इससे प्रभावित नगर का क्षेत्रफल कितना है । भविष्य की योजना/परियोजना क्या है ।(मानचित्र सहित)	<p>विद्युत नगरीय वितरण मण्डल, मुरादाबाद के अंतर्गत नगर में विद्युत उपभोक्ताओं को संयोजन देने हेतु उपरिगामी सर्विस केबिल के द्वारा ही संयोजन अवमुक्त किए जा रहे हैं एवं नगर में वितरण परिवर्तकों से निकलने वाली सभी एल०टी० लाइनें उपरिगामी Bare Conductor अथवा A.B Cable पर बनाई गई है । नगर के किसी भी क्षेत्र में पूर्व में कोई भी भूमिगत एल०टी० केबिल नहीं डाला गया व न ही निकट भविष्य में ऐसी कोई योजना विचाराधीन है ।</p>
नगर के इलैक्ट्रिक सप्लाई में सुधार के लिए विगत तीन वर्षों में क्या तकनीकी परिवर्तन किये गये हैं तथा उसका परिणाम क्या रहा है ।	<p>नगर में विद्युत आपूर्ति में सुधार हेतु विगत तीन वर्षों में पारेषण प्रणाली के साथ-साथ वितरण प्रणाली में भी व्यापक सुधार किए गए हैं । इसमें 220 केवी विद्युत उपकेन्द्र मझोला की क्षमता वृद्धि, 132 केवी विद्युत उपकेन्द्र आवास विकास की क्षमता वृद्धि तथा 33/11 केवी नए विद्युत उपकेन्द्रों का निर्माण व विगत में स्थापित 33/11 केवी विद्युत उपकेन्द्रों की क्षमता वृद्धि, वितरण परिवर्तकों से निकलने वाले अतिभारित 11 केवी पोषकों के विभक्तीकरण का कार्य, नगरीय क्षेत्र के अतिभारित वितरण परिवर्तकों की क्षमता वृद्धि तथा नए 11/0.4 केवी विद्युत उपकेन्द्रों का निर्माण आदि जैसे कार्य हैं जिसके परिणाम स्वरूप मुरादाबाद नगर में औसत तकनीकी एवं वाणिज्यिक हानियों (AT&C Losses) का स्तर अपेक्षित रूप से कम हुआ है व राजस्व में समानुपातिक रूप से वृद्धि दर्ज की गई है । नगर में विद्युत आपूर्ति हेतु पारेषण उपकेन्द्रों व स्थापित वितरण उपकेन्द्रों (33 के०वी०/11 के०वी०) व स्थापित क्षमता का विवरण परिशिष्ट-1 के रूप में संलग्न है।</p>
नगर में विद्युत सप्लाई हेतु ऐसे प्रोजेक्ट का विवरण जो वर्तमान में क्रियाशील हो, स्वीकृत प्रोजेक्ट जो अनागत हो तथा ऐसे प्रोजेक्ट जो प्रस्तावित हैं ।	<p>मुरादाबाद नगर में विद्युत आपूर्ति में सुधार हेतु वर्तमान में भारत सरकार द्वारा वित्त पोषित व पॉवर फायनेन्स कारपोरेशन नामक मोडल एजेंसी की देगरेख में आर०-ए०पी०डी०आर०पी० पार्ट-बी योजना में लगभग रु० 145.00 करोड़ की लागत से नगर के विद्युत संभ में आंशगत सुधार एवं उसके सुदृढीकरण हेतु योजना प्रगति पर है जिसके अंतर्गत नगर में एक 33/11 केवी विद्युत उपकेन्द्र का निर्माण, एक</p>

4.1 City Profile: Electricity Supply Details

-4-

आर०-ए०पी०डी०आर०पी० योजना के अतिरिक्त बिजनेस प्लान 2016-17 में लगभग रु० 2800.00 लाख, व्यापार विकास निधि 2016-17 में लगभग रु० 1140.00 लाख के 33 केवी, 11 केवी व एल०टी० विभव पर नगर के विद्युत तंत्र के सुदृढीकरण व विकास हेतु कार्य प्रस्तावित हैं एवं विजन 2016 तथा अन्य योजनाओं के अंतर्गत 33/11 केवी के अन्य 04 विद्युत उपकेन्द्र, जो कि शिवपुरी (10 एमवीए), सम्भल चौराहा (10 एमवीए), रामगंगा विहार-2 (10 एमवीए) एवं जामा मस्जिद (05 एमवीए) प्रस्तावित व निर्माणाधीन हैं। भारत सरकार की आई०पी०डी०एस० योजना के अंतर्गत दो नए 33/11 केवी विद्युत उपकेन्द्र प्रस्तावित क्षमता प्रत्येक 2x5 एमवीए व स्थापित 33/11 केवी विद्युत उपकेन्द्र जिगर कॉलोनी, टाउनहाल, दौलतबाग तथा शिवपुरी की क्षमता वृद्धि भी प्रस्तावित है जिसका निर्धारित लक्ष्य अक्टूबर 2016 है।

मुरादाबाद महानगर में विद्युत नगरीय वितरण खण्ड-द्वितीय एवं तृतीय, मुरादाबाद के अंतर्गत अधिकांशतः क्षेत्र अति संवेदनशील हैं जहां पर काफी अधिक मात्रा में विद्युत चोरी की घटनाएं प्रकाश में आती हैं तथा इन क्षेत्रों में लगभग औसत 50% लाइन हानियां हैं। इन क्षेत्रों में दीवान का बाजार, जिगर कॉलोनी, तहरील स्कूल, ईदगाह, असाहतपुरा, जी०आई०सी०, जामा मस्जिद, कटघर, गलशहीद, ट्रांसपोर्ट नगर आदि क्षेत्र आते हैं। यद्यपि इन क्षेत्रों में विद्युत प्रवर्तन दल, मुरादाबाद व स्थानीय अवर अभियन्ताओं/उपखण्ड अधिकारियों द्वारा समय समय पर सघन जांच की जाती है व विद्युत वितरण संहिता 2005 में निहित प्रावधानों के अंतर्गत राजस्व निर्धारण व दण्डारोपण किया जाता है लेकिन इन क्षेत्रों में विद्युत चोरी के कारण लाइन हानियों का स्तर असामान्य रूप से काफी अधिक है। विगत में विद्युत चोरी पर अंकुश लगाने पर विभागीय कर्मचारियों के साथ मारपीट की कई घटनाएं हुई हैं तथा राजनीतिक प्रभाव के कारण कुछ व्यक्तियों द्वारा कर्मचारियों के साथ दुर्व्यवहार भी किया गया है जिसके कारण विभाग द्वारा कतिपय प्रकरणों में प्राथमिकी भी दर्ज कराई गई है लेकिन दोषी के विरुद्ध अपेक्षित कार्यवाही न होने के कारण कर्मचारियों व अधिकारियों में एक भय व्याप्त है तथा वह हतोत्साहित महसूस करते हैं।

शासन द्वारा मुरादाबाद महानगर को निकट भविष्य में स्मार्ट सिटी घोषित किए जाने के परिपेक्ष्य में यह सुझाव है कि स्मार्ट सिटी निधि से इन क्षेत्रों में सभी एच०टी० व एल०टी० लाइनों को शत प्रतिशत भूमिगत केबिल डालकर उपभोक्ताओं के मीटर परिसर के बाहर यथोचित स्थान पर फीडर पैनल बॉक्स लगाकर एक क्लस्टर के रूप में मीटर स्थापित कर दिए जाएं व यह भी प्रस्ताव है कि स्मार्ट सिटी मिशन के अंतर्गत विद्युत चोरी बाहुल्य क्षेत्रों में आर०एफ०आई०डी० सुविधायुक्त मीटरों को उपभोक्ताओं के संयोजनों पर स्थापित कराया जाए ताकि कतिपय अवांछित व्यक्तियों व कार्मिकों के द्वारा उपभोक्ता से मिली भगत कर मीटर में दर्ज वास्तविक विद्युत उपभोग के अनुसार बिलों का निर्गतीकरण सुनिश्चित किया जा सके व इन क्षेत्रों में सीधे कटिया डालकर विद्युत चोरी होने से रोका जा सके। ऐसा करने से शासन के राजस्व में बढ़ोतरी होगी तथा विद्युत आपूर्ति लागत से अधिक थू-रेट रहने पर उपभोक्ताओं को भी शासन की नीति के अनुरूप 24 घंटे गुणवत्तापरक विद्युत आपूर्ति उपलब्ध कराया जाना संभव व विभागीय हित में होगा तथा स्मार्ट सिटी की अवधारणा भी सकारात्मक रूप ले सकेगी।


 (एस०के०यम)
 अधीक्षण अभियन्ता
 विद्युत नगरीय वितरण मण्डल
 मुरादाबाद

4.1 City Profile: Air Quality

30/05/2016

544-AMBIENT AIR MON0001.jpg

544/A-8/ Lab/General

22/2/2016

सेवा में,

नगर आयुक्त,
नगर निगम,
मुरादाबाद।

विषय: मुरादाबाद शहर की परिवेशीय वायु गुणता के आकलन हेतु कंटीन्यूअस एम्बियंट एअर मानिट्रिंग स्टेशन की स्थापना के सम्बन्ध में।

महोदय,

उपरोक्त विषयक का संदर्भ ग्रहण करने का कष्ट करें। उक्त के तत्क्रम में आपको अवगत कराना है कि मुरादाबाद की परिवेशीय वायु गुणता आकलन हेतु कंटीन्यूअस एम्बियंट एअर मानिट्रिंग स्टेशन की स्थापना किया जाना प्रस्तावित है, जिसकी स्थापना हेतु शहर के मध्यम लगभग 250 से 350 वर्गफुट कवर्ड अथवा अनकवर्ड स्थल मूलतः अथवा प्रथम तल पर हो, की आवश्यकता है।

अतः आपसे अनुरोध है कि उक्त मानिट्रिंग स्टेशन की स्थापना हेतु अपने निगम कार्यालय परिसर में स्थल आवंटित करने की कृपा करें। अनुश्रवण केन्द्र में उपयोग में लायी गयी विद्युत आपूर्ति व जल आपूर्ति इत्यादि के व्यय की समुचित प्रतिपूर्ति की जायेगी।

भवदीय



(अजय शर्मा)

क्षेत्रीय अधिकारी

4.2 ADMINISTRATIVE EFFICIENCY



4.2 Administrative Efficiency: Employee

माह फरवरी देय मार्च 2016

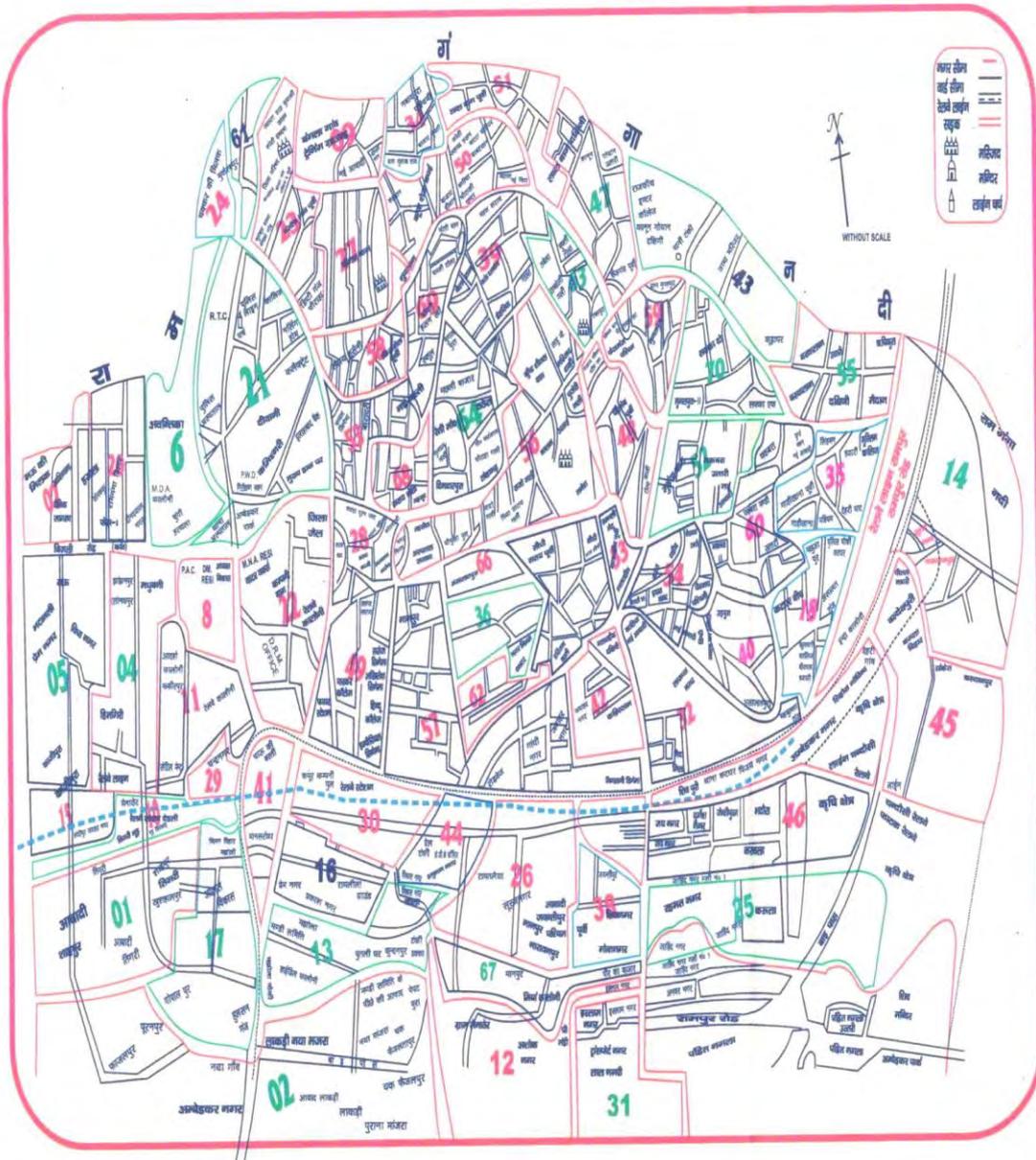
नगर निगम, मुरादाबाद के कर्मचारियों के वेतन पर मासिक व्यय।

क्र०सं०	विभाग	प्रतिनियुक्ति/ केन्द्रीयत	घनराशि	कुल घनराशि
1	नगर आयुक्त	1	117421	
2	मुख्य नगर लेखा परीक्षक	1	64765	
3	अपर नगर आयुक्त / लेखाधिकारी / लेखाकार / कार्यालय अधीक्षक	3	127819	
4	कर विभाग (केन्द्रीयत)	6	300341	
5	स्वास्थ्य विभाग (केन्द्रीयत)	13	615088	
6	सार्वजनिक निर्माण विभाग	7	326263	
7	जी०एम० (जलकल विभाग)	3	190761	1742458
अकेन्द्रीयत सेवा				
8	जलकल विभाग	69	1729890	
9	कर विभाग	71	1801318	
10	प्रकाश विभाग	21	482876	
11	माली (नर्सरी)	20	484869	
12	रेलवे सैटिलमेंट	5	128954	
13	सामान्य विभाग	16	454099	
14	सार्वजनिक निर्माण विभाग	33	830521	
15	कार्यालय स्वास्थ्य विभाग	57	1453863	7366390
16	सफाई कर्मचारी	726	17406052	17406052
17	पेंशन अशंदान	0	4303155	4303155
आउटसोर्सिंग				
1	स्वास्थ्य विभाग (सफाई कर्मी)	1174	8402034	
2	दैनिक वेतन (स्वास्थ्य)	3	10200	
3	जलकल विभाग	280	2003397	
4	सामान्य विभाग	2	17940	
5	निर्माण विभाग	115	903074	
6	प्रकाश विभाग	137	1023845	
7	कम्प्यूटर ऑपरेटर	20	150240	
8	स्वास्थ्य (लिपिक)	3	10400	
9	डूडा	3	18860	
10	रेलवे सैटिलमेंट	2	3000	12542990
	योग	2791	2791	43361045

ACCOUNTS OFFICER
NAGAR NIGAM
MORADABAD

4.2 Administrative Efficiency: Ward Details

नगर निगम मुरादाबाद



महानगर की कुल क्षेत्रफल-75 वर्ग किलोमीटर

महानगर की कुल जनसंख्या 8 लाख 79 हजार

कुल वार्ड-70

आरक्षित महिला अनु. जाति - 8,9,11

आरक्षित महिला पिछड़ी जाति - 2,4,48,51,52,60

जनरल महिला- 15 वार्ड

कुल 24 वार्ड

आरक्षित पुरुष अनु. जाति - 10,12,13,14,

आरक्षित पुरुष पिछड़ वर्ग - 5,6,7,24,29,30,38,

44,47,50,57,67 कुल - 12

पुरुष जनरल-30

कुल -46 वार्ड

कुल वार्ड 24+46 =70

4.2 Administrative Efficiency: Grievance Service

Name of ULB : MORADABAD NAGAR NIGAM

Print Date : 30/05/2016

From Date: 01-01-2014 To Date: 31/12/2014

Grievance Service Wise Full Status

Sr. No.	Name of Services	Total Complaint	Solved Complaint	Unsolved Complaint	more than 7 days Unsolved Complaint	more than 15 days Unsolved Complaint	more than 30 days Unsolved Complaint
1	Drainage and Storm Drain	93	93	0	0	0	0
2	Street Light	117	117	0	0	0	0
3	Garbage and Cleanliness	87	87	0	0	0	0
4	Mosquito and Insects	22	22	0	0	0	0
5	Water Supply	59	59	0	0	0	0
6	Animals	11	11	0	0	0	0
7	Roads and Footpath	39	39	0	0	0	0
8	Public Parks and Garden	15	15	0	0	0	0
9	Dead Animals	5	5	0	0	0	0
10	Public Toilet	2	2	0	0	0	0
11	Illegal Construction and Encroachment	9	2	7	0	0	7
12	Property Tax	2	2	0	0	0	0
13	Public Work - Civil	1	1	0	0	0	0
	Total Sum	462	455	7	0	0	7

Name of ULB : MORADABAD NAGAR NIGAM

Print Date : 30/05/2016

From Date: 01-01-2015 To Date: 31/12/2015

Grievance Service Wise Full Status

Sr. No.	Name of Services	Total Complaint	Solved Complaint	Unsolved Complaint	more than 7 days Unsolved Complaint	more than 15 days Unsolved Complaint	more than 30 days Unsolved Complaint
1	Drainage and Storm Drain	121	51	70	0	0	70
2	Garbage and Cleanliness	47	18	29	0	0	29
3	Street Light	107	103	4	0	0	4
4	Water Supply	51	40	11	0	0	11
5	Roads and Footpath	45	0	45	0	0	45
6	Public Parks and Garden	9	0	9	0	0	9
7	Animals	11	3	8	0	0	8
8	Public Work - Civil	5	0	5	0	0	5
9	Illegal Construction and Encroachment	9	1	8	0	0	8
10	Dead Animals	1	1	0	0	0	0
11	Mosquito and Insects	15	3	12	0	0	12
12	Property Tax	2	0	2	0	0	2
	Total Sum	423	220	203	0	0	203

4.2 Administrative Efficiency: Grievance Service

Name of ULB : MORADABAD NAGAR NIGAM

Print Date : 30/05/2016

From Date: 01-01-2016 To Date: 30/05/2016

Grievance Service Wise Full Status

Sr. No.	Name of Services	Total Complaint	Solved Complaint	Unsolved Complaint	more than 7 days Unsolved Complaint	more than 15 days Unsolved Complaint	more than 30 days Unsolved Complaint
1	Roads and Footpath	34	1	33	1	7	25
2	Garbage and Cleanliness	23	2	21	1	3	16
3	Street Light	35	6	29	2	3	21
4	Mosquito and Insects	25	7	18	0	4	14
5	Illegal Construction and Encroachment	3	0	3	0	0	3
6	Drainage and Storm Drain	66	2	64	2	12	46
7	Animals	7	4	3	0	0	3
8	Public Work - Civil	4	0	4	0	0	4
9	Water Supply	10	1	9	2	0	7
10	Property Tax	2	1	1	0	0	1
11	Public Toilet	2	0	2	0	1	1
12	Public Parks and Garden	4	0	4	0	0	4
	Total Sum	215	24	191	8	30	145

Screenshot of Services available at Lokwani

Certificate	Pension & Grievances	Integrated Department Service
<ul style="list-style-type: none"> Caste Certificate Birth Certificate Death Certificate Income Certificate Domicile Certificate Handicap Certificate <p>Caste Certificate(OBC) * केवल आरक्षी एवं समकक्ष पदों पर सीधी भर्ती-2013 के लिए मान्य</p>	<ul style="list-style-type: none"> Old Age Pension Widow Pension Handicap Pension Filing of Grievance Tracking of Grievance Update Pending Grievance 	<ul style="list-style-type: none"> Labour department (Labour Board) Food And Civil Supplies(Ration Card) Department of Training & Employment Local Bodies Lok Shikayat Vibhag Commercial Taxes
विकलांग कल्याण विभाग	महिला कल्याण एवं बाल विकास विभाग	समाज कल्याण विभाग
<ul style="list-style-type: none"> विकलांग व्यक्ति के विवाह पुरस्कार के लिए आवेदन विकलांग व्यक्ति द्वारा ऋण हेतु आवेदन विकलांग व्यक्ति द्वारा संयंत्रों आदि के क्रय हेतु सहायता के लिये आवेदन 	<ul style="list-style-type: none"> दहेज उत्पीड़न की महिलाओं के लिए वित्तीय सहायता दहेज उत्पीड़न में महिलाओं को कानूनी सहायता पति की मृत्युपरांत निराश्रित महिला (विधवा) की पुत्री की विवाह के लिए अनुदान योजना दंपति पुरस्कार (35)वर्ष से कम आयु की विधवा महिला के विवाह हेतु योजना 	<ul style="list-style-type: none"> परिवार लाभ योजना के लिए आवेदन छात्रवृत्ति के लिए आवेदन(सामान्य और शादी और बीमारी अनुदान के लिए आवेदन अत्याचारों के बारे में शिकायत के लिए अ
राजस्व एवं पंचायती राज विभाग	Revenue Court	Entry of Incomplete Forms
<ul style="list-style-type: none"> खतौनी की नकल कुटुंब रजिस्टर की नकल के लिए आवेदन 	<ul style="list-style-type: none"> दैनिक वाद तालिका न्यायालय आदेश देखें कंप्यूटरीकृत वाद सं० 	

4.2 Administrative Efficiency: Lokwani Service

Moradabad

Official Website

Home
G2C Services
Services
About District
Our Initiatives
Other Links
Tuesday November 28 2017 00:23:18

District magistrate

श्री राकेश कुमार सिंह(I.A.S)
 Mob:9454417572
 email:dmmor[at]nic[dot]in

District Online Services

जन सुनवाई - मूल अवधारणा

eKosh Budget 2016-17

Board Of Revenue

DigiLocker

Announcements

जिला सर्वेक्षक रिपोर्ट परिशिष्ट "10" रिपोर्ट फार्म

DISTRICT MAP

DISTRICT PROFILE

Area Total- 3718 Sq. Km
 Population: 4,772,006
 Elevation: 198 m (650 ft)
 Time Zone:IST (UTC+5:30)
 Pin Code:244001
 Telephone Code: 0591
[moradabad census 2011](#)

Departments

- » uppl moradabad zone moradabad
- » List of Booths For Vidhan sabha Moradabad
- » CSC-SPV Resource person/District Manager
- » I-CSCs advertisement
- » POLICE DEPARTMENT
- » DISTRICT COURT MBD
- » DISASTER MANAGEMENT PLAN
- » PENSION SCHEMES
- » DIGITAL DIARY

जनपद मुरादाबाद में निर्वाचित लोकसभा/ विधानसभा/विधान परिषद (राज्यसभा) सदस्यों का विवरण अधवाधिक **31.03.2017**

- » Vidhan Sabha General Election 2017 Results with Runner Up Dist-Moradabad
- » BOARD OF REVENUE
- » ई-नगर सेवा जन्म / मृत्यु
- » UP SWAN

Special Initiatives

- » District Gazetteer Department
- » Tourist Circuits
- » Registration in Shram soft
- » Moradabad.com
- » Revenue collection management system

District Admin Contact

- »DM:9454417572
- »CDO:9454416885
- »ADM(e):9454416860
- »ADM(city):9454416861
- »ADM(F&R):9454417643

More...

Important Links

- [Job Portal](#)
- [eGazette](#)
- [List of Holidays](#)

Citizen Centric Services

Current Events

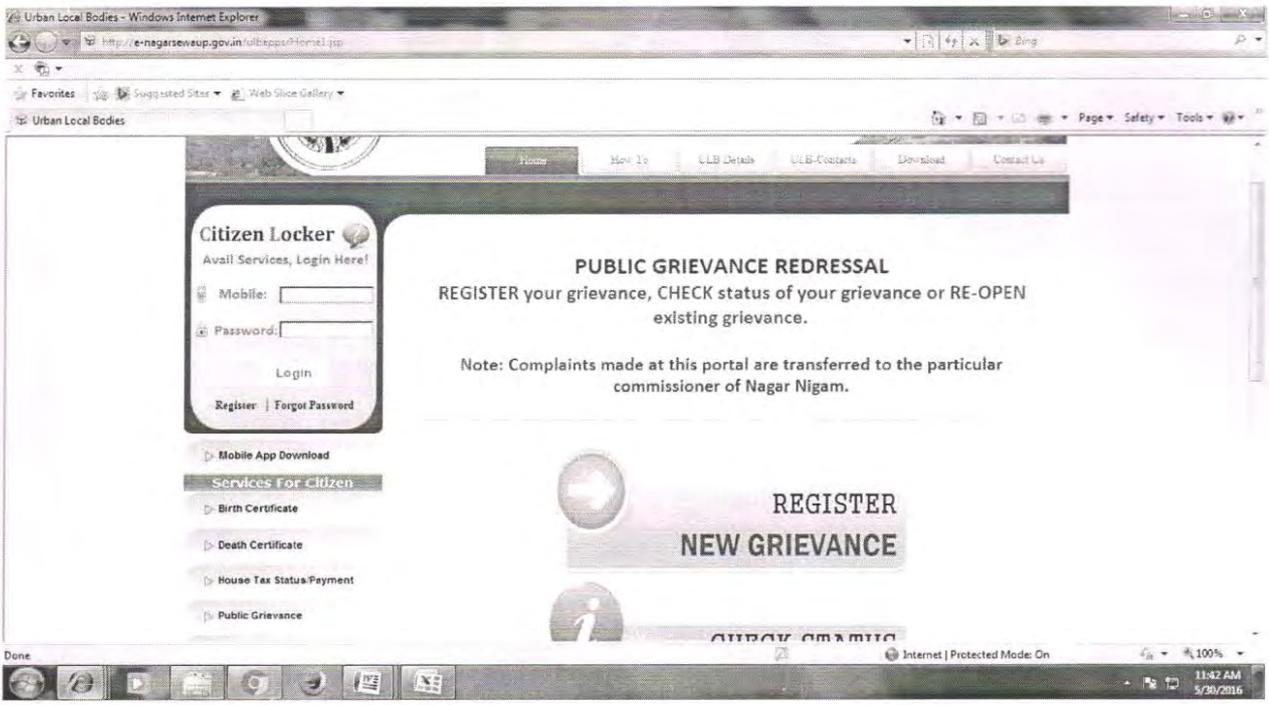
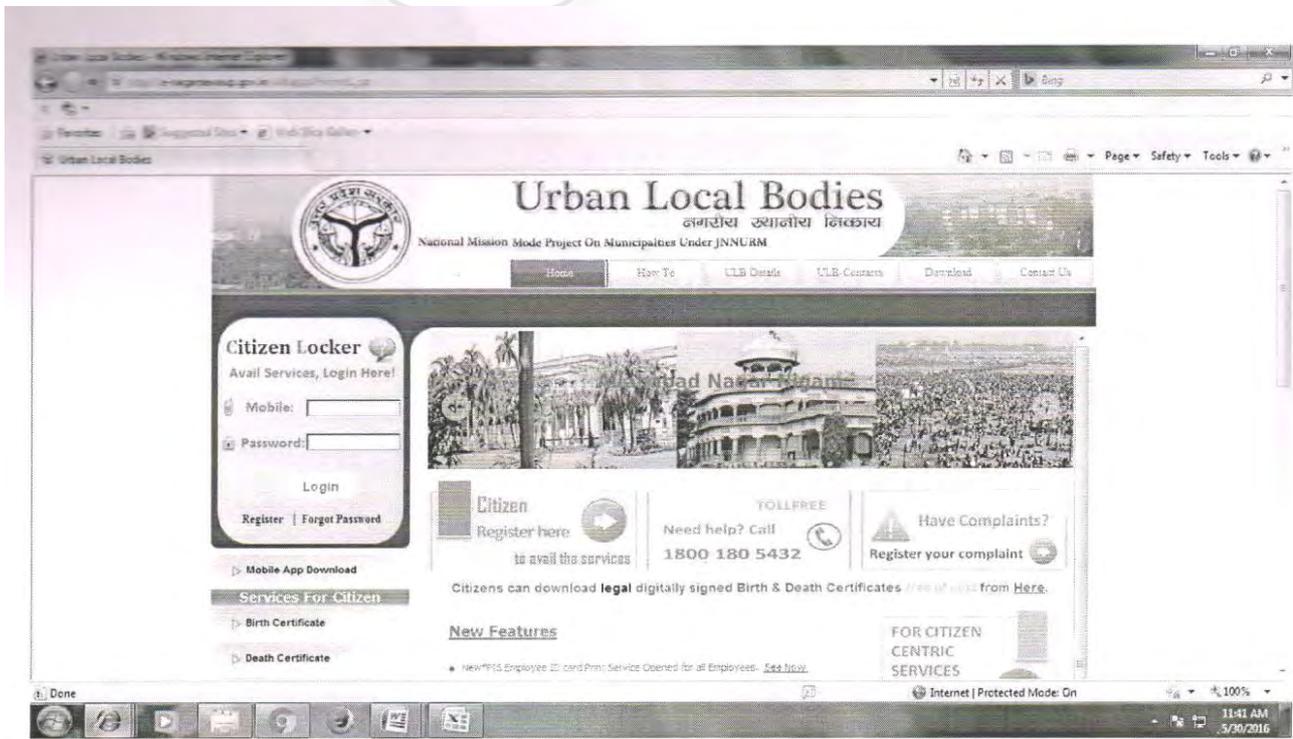
- » Final List of Booths for

Shramsoft Registration

Other Links

- [Tenders](#)
- [data.gov.in](#)
- [Online Services for VOTERS](#)

4.2 Administrative Efficiency: Grievance Service





4.2 Administrative Efficiency: Municipal Services



श्री योगेंद्र सिंह
माओ मुख्यामती उत्तर प्रदेश



श्री सुनील कुमार शर्मा
माओ मंत्री, राजकीय कार्य, नगर विकास, राष्ट्रीय स्वच्छता मिशन, उत्तर प्रदेश

Welcome To Official Website For Moradabad Nagar Nigam Moradabad

Our Department

Please click at the respective links given below

- Home Department
- Official site Water Works
- Apply Online Water Connection
- Pay Electricity Bill Online
- Public Works Department
- Public Health Department
- Street Light & Advertisement Department
- Services For Citizen
- Important Link
- Budget
- Balance Sheet
- Parishman

नगर अधिकारी मुख्यालय

Shri Anish Kumar Sharma
Mobile No: 9108990000
Email: nagraya@nagar.nimoradabad.in

Mission / Project

- स्वच्छ भारत मिशन [Read More](#)
- अमृत मिशन [Read More](#)
- स्मार्ट सिटी मिशन [Read More](#)

Notifications Panel

Complaint	IGRAM To SAM
Apply Free Toilet	राजकीय सचिवालय
My Clean City	Facebook Group
E-Tender Portal	LogIn
Jansuniva Uttar Pradesh	IGRS
Jai Ka Vihag Moradabad	
E-Nagareva	
Swachh Bharat Mission	
Local Bodies UP	
Help Line	0591-2424000





4.2 Administrative Efficiency: MDA Services

Moradabad Development Authority

Home About Us Plan Policies Land Rate Rules RTI Tender Scheme Notice Download Contact Us

WELCOME TO MORADBAD DEVELOPMENT AUTHORITY

- new Appeal
- new Registration / Renewal of Contractor
- new Integrated Township Policy 2014
- new One Time Settlement Scheme
- new Empanelment of Architects Landscape
- new List of Sanction Maps
- new Janta Adalat
- new Building Byelaws
- new List / Map of Group Housing & Layouts
- new Required Documents for Map Sanction
- new Amended Building Bye-Laws 2016
- new Master Plan
- new Objection & Suggestion of Parks
- new Committee for Land/Construction disputes
- new Integrated Township Policy
- new Final List of Park, Ply Ground and Open Spaces in

- new Online Payment for Property
- new Online Payment for Master Plan

- new Part Layout Plan of Sector 5
- new Part Layout Plan of Sector 16 A
- new Part Layout Plan of Sector 16 A
- new Part Layout Plan of Sector 16 B
- new Part Layout Plan of Sector 6
- new Part Layout Plan of Kashi ram nagar
- new Part Layout Plan of Friends Apartment
- new Part Layout Plan of Sector 13 A



4.2 Administrative Efficiency: PVVNL Services

Paschimanchal Vidyut Vitran Nigam Limited

आप अपने बिजली के बिल का भुगतान पी० ओ० एस० / स्वाइप मशीन के द्वारा डेबिट / क्रेडिट कार्ड से भी कर सकते हैं।

You are at >> Home Search

Welcome to PASCHIMANCHAL VIDYUT VITRAN NIGAM Ltd.

अब विद्युत उपभोक्ता अपने बिजली के बिल का भुगतान PNB/HDFC ATM के द्वारा भी कर सकते हैं। यह सेवा केवल PNB/HDFC खाता धारकों के लिए है।

विद्युत बिल एवं आपूर्ति सम्बन्धी शिकायत हेतु कृपया अपने क्षेत्र से सम्बंधित उपभोक्ता व्याघा निवारण फोरम में संपर्क करें जानकारी हेतु click करें।

- Home >
- About us >
- PVVNL Directory >
- Consumer Information >
- Regulatory Information >
- Billing Information >
- Download Forms >
- Tender & Notices >
- Related Web Site Links >
- Important Schemes >
- PVVNL News >
- Right to Information >
- HRD >
- FAQ >
- Contact us >

मेरठ शहर के विद्युत उपभोक्ता अपना विद्युत बिल ITZ Cash Collection Center पर भी जमा करा सकते हैं। नजदीकी Itz Cash Center की जानकारी हेतु Click करें।

- ONLINE BILL PAYMENT
- TARRIF ORDER
- ROASTERING SCHEDULE
- HELP LINE 24X7
- CONSUMER GRAVIENCES
- PACKAGE STATUS
- INVOICE MONITORING SYSTEM
- INTRANET

News Flash

4.2 Administrative Efficiency: Municipal Budget part-1

नगर निगम, मुरादाबाद।
पुनरीकित बजट (आय-व्यय) 2016-17
आय

कोड सं०	सूचना सं०	सं०	वर्ग सं०	विवरण	वित्तीय वर्ष 2016-17	वित्तीय वर्ष 2018-17	वित्तीय वर्ष 2016-17	वित्तीय वर्ष 2018-17
कोड सं०	विवरण	सं० सं०	वर्ग सं०	विवरण				
119	सार्वजनिक अवरोध	1			2458.54	2453.37	2478.00	2478.00
	का. टूट पावसाय	5	1	सफाई	2185.74	1708.90	877.00	1768.68
		18		सफाई का	555.41	1268.85	885.88	1268.00
		19		सफाई का	9.41	8.00	2.54	8.00
		11		सफाई का	41.34	35.00	9.08	51.00
		12	1	सफाई का	827.47	3400.00	640.34	3080.00
120	का. टूट सड़क	19	1	सफाई	2.33	5.58	1.74	5.50
			2	सफाई का	8.28	8.67	0.30	6.87
				योग	2466.88	6081.12	1593.64	5854.57
121	विद्युत से आय	20		विद्युत बिल	37.53	35.00	18.30	66.00
		40		विद्युत बिल शुल्क	0.24	1.75	0.85	1.75
		80		विद्युत बिल	0.08	0.00	0.80	0.80
				योग	37.75	37.75	18.95	68.75
122	कोट एंड मूल्य भाज	11		व्यक्तिगत कोट				
			1	कोट का	1.50	3.30	0.40	2.75
			2	कोट का	2.50	25.80	8.00	24.00
			3	कोट का	4.71	14.80	3.08	14.08
			4	कोट का	5.73	6.80	0.52	6.08
			5	कोट का	0.42	2.80	1.35	2.08
			6	कोट का	0.00	8.00	8.08	8.08
			12	कोट का			0.08	
			1	कोट का	0.20	8.52	0.13	0.52
			2	कोट का	0.58	2.10	0.42	1.10
			14	कोट का	3.35	40.00	3.52	40.00
			40	कोट का				
			1	कोट का	8.88	100.00	20.68	120.00
			2	कोट का	28.52	35.00	1.81	31.00
			3	कोट का	18.84	30.00	9.80	30.00
			30	कोट का	3.77	5.58	110.45	152.80
				योग	65.95	487.82	146.89	438.87
कोड सं०	सूचना सं०	सं०	वर्ग सं०	विवरण	वित्तीय वर्ष 2016-17	वित्तीय वर्ष 2018-17	वित्तीय वर्ष 2016-17	वित्तीय वर्ष 2018-17
150	विद्युत टूट विद्युत	50	1	विद्युत टूट का	1.15	10.00	0.90	18.00
			2	विद्युत टूट का		758.50	0.00	748.44
				योग	1.15	768.50	0.90	766.44
160	अनुदान से आय	10		अनुदान से आय				
			1	अनुदान से आय	0.80	0.00	0.00	0.00
			2	अनुदान से आय	0.80	0.00	0.00	0.00
			3	अनुदान से आय	0.80	0.00	0.00	0.00
			4	अनुदान से आय	38.50	50.00	0.00	50.00
			30	अनुदान से आय				
			1	अनुदान से आय	30257.80	13170.00	565.14	13070.00
			2	अनुदान से आय	1849.71	3300.00	505.05	2080.00
			3	अनुदान से आय	508.08	300.00	180.00	180.00





4.2 Administrative Efficiency: Municipal Budget part-2

वर्ग	विवरण	2015-16	2016-17	2017-18	2018-19
171	4	100.00	100.00	100.00	100.00
	5	100.00	100.00	100.00	100.00
	6	100.00	100.00	100.00	100.00
	7	100.00	100.00	100.00	100.00
	8	100.00	100.00	100.00	100.00
	9	100.00	100.00	100.00	100.00
	10	100.00	100.00	100.00	100.00
	11	100.00	100.00	100.00	100.00
	12	100.00	100.00	100.00	100.00
	13	100.00	100.00	100.00	100.00
14	100.00	100.00	100.00	100.00	
15	100.00	100.00	100.00	100.00	
16	100.00	100.00	100.00	100.00	
17	100.00	100.00	100.00	100.00	
18	100.00	100.00	100.00	100.00	
19	100.00	100.00	100.00	100.00	
20	100.00	100.00	100.00	100.00	
21	100.00	100.00	100.00	100.00	
22	100.00	100.00	100.00	100.00	
23	100.00	100.00	100.00	100.00	
24	100.00	100.00	100.00	100.00	
25	100.00	100.00	100.00	100.00	
26	100.00	100.00	100.00	100.00	
27	100.00	100.00	100.00	100.00	
28	100.00	100.00	100.00	100.00	
29	100.00	100.00	100.00	100.00	
30	100.00	100.00	100.00	100.00	
31	100.00	100.00	100.00	100.00	
32	100.00	100.00	100.00	100.00	
33	100.00	100.00	100.00	100.00	
34	100.00	100.00	100.00	100.00	
35	100.00	100.00	100.00	100.00	
36	100.00	100.00	100.00	100.00	
37	100.00	100.00	100.00	100.00	
38	100.00	100.00	100.00	100.00	
39	100.00	100.00	100.00	100.00	
40	100.00	100.00	100.00	100.00	
41	100.00	100.00	100.00	100.00	
42	100.00	100.00	100.00	100.00	
43	100.00	100.00	100.00	100.00	
44	100.00	100.00	100.00	100.00	
45	100.00	100.00	100.00	100.00	
46	100.00	100.00	100.00	100.00	
47	100.00	100.00	100.00	100.00	
48	100.00	100.00	100.00	100.00	
49	100.00	100.00	100.00	100.00	
50	100.00	100.00	100.00	100.00	
51	100.00	100.00	100.00	100.00	
52	100.00	100.00	100.00	100.00	
53	100.00	100.00	100.00	100.00	
54	100.00	100.00	100.00	100.00	
55	100.00	100.00	100.00	100.00	
56	100.00	100.00	100.00	100.00	
57	100.00	100.00	100.00	100.00	
58	100.00	100.00	100.00	100.00	
59	100.00	100.00	100.00	100.00	
60	100.00	100.00	100.00	100.00	
61	100.00	100.00	100.00	100.00	
62	100.00	100.00	100.00	100.00	
63	100.00	100.00	100.00	100.00	
64	100.00	100.00	100.00	100.00	
65	100.00	100.00	100.00	100.00	
66	100.00	100.00	100.00	100.00	
67	100.00	100.00	100.00	100.00	
68	100.00	100.00	100.00	100.00	
69	100.00	100.00	100.00	100.00	
70	100.00	100.00	100.00	100.00	
71	100.00	100.00	100.00	100.00	
72	100.00	100.00	100.00	100.00	
73	100.00	100.00	100.00	100.00	
74	100.00	100.00	100.00	100.00	
75	100.00	100.00	100.00	100.00	
76	100.00	100.00	100.00	100.00	
77	100.00	100.00	100.00	100.00	
78	100.00	100.00	100.00	100.00	
79	100.00	100.00	100.00	100.00	
80	100.00	100.00	100.00	100.00	
81	100.00	100.00	100.00	100.00	
82	100.00	100.00	100.00	100.00	
83	100.00	100.00	100.00	100.00	
84	100.00	100.00	100.00	100.00	
85	100.00	100.00	100.00	100.00	
86	100.00	100.00	100.00	100.00	
87	100.00	100.00	100.00	100.00	
88	100.00	100.00	100.00	100.00	
89	100.00	100.00	100.00	100.00	
90	100.00	100.00	100.00	100.00	
91	100.00	100.00	100.00	100.00	
92	100.00	100.00	100.00	100.00	
93	100.00	100.00	100.00	100.00	
94	100.00	100.00	100.00	100.00	
95	100.00	100.00	100.00	100.00	
96	100.00	100.00	100.00	100.00	
97	100.00	100.00	100.00	100.00	
98	100.00	100.00	100.00	100.00	
99	100.00	100.00	100.00	100.00	
100	100.00	100.00	100.00	100.00	



4.2 Administrative Efficiency: Municipal Budget part-3

क्र.सं.	विवरण	2016-17	2017-18	2018-19	2019-20
4	मि.सि.का	535.00	600.00	300.10	438.00
5	मि.सि.का (अ)	0	25.00	8.00	15.00
6	मि.सि.का (ब)	13.41	15.00	3.79	15.00
7	मि.सि.का (ग)	5.37	15.00	0.36	15.00
8	मि.सि.का (घ)	3.93	22.00	5.61	20.00
	कुल	707.32	1122.00	362.66	657.80
क्र.सं.	विवरण	2016-17	2017-18	2018-19	2019-20
238	मि.सि.का (अ) का अंश				
	1. मि.सि.का (अ)	2.53	0.50	0.00	20.00
	2. मि.सि.का (अ)	424.60	600.00	293.43	600.00
	3. मि.सि.का (अ)	3.00	4.00	3.15	3.00
	4. मि.सि.का (अ)	54.26	65.00	26.00	60.00
	5. मि.सि.का (अ)	115.39	155.00	74.34	120.00
	6. मि.सि.का (अ)	54.00	54.00	15.71	14.00
	7. मि.सि.का (अ)	9.80	90.30	13.52	40.00
	8. मि.सि.का (अ)	209.21	305.00	217.79	300.00
	9. मि.सि.का (अ)	2242.76	4218.00	187.15	4000.00
	10. मि.सि.का (अ)	493.96	1139.18	0.00	2913.96
	11. मि.सि.का (अ)	0.00	185.54	31.36	218.36
	12. मि.सि.का (अ)	0.00	173.13	0.00	400.00
	13. मि.सि.का (अ)	645.92	300.00	100.00	100.00
	14. मि.सि.का (अ)	0.00	58.00	0.00	125.00
	15. मि.सि.का (अ)	0.00	18.31	0.00	79.11
	16. मि.सि.का (अ)	203.08	187.35	31.87	150.00
	17. मि.सि.का (अ)	0.50	55.00	8.81	55.00
	18. मि.सि.का (अ)	48.07	118.00	57.52	100.00
	19. मि.सि.का (अ)	8.70	68.00	0.00	30.00
	20. मि.सि.का (अ)	3.00	250.00	0.00	120.00
	21. मि.सि.का (अ)	0.00	0.00	0.00	0.00



4.2 Administrative Efficiency: Municipal Budget part-4

कोड सं०	मुख्य मद	लघु	उपमद	मद का नाम	वास्तविक व्यय वित्तीय वर्ष 2015-16	मूल बजट वित्तीय वर्ष 2016-17	वास्तविक व्यय वित्तीय वर्ष 2016-17 30 नवम्बर-2016 तक	कार्यकारिणी द्वारा अंगीकृत पुनरीक्षित बजट वित्तीय वर्ष 2016-17
	स्वास्थ्य वि०-35, निर्माण वि०-05, जलकल वि०-05, प्रकाश वि०-05	53		वाहन मरम्मत	47.75	110.00	13.78	50.00
		59		सामग्री उपकरण (फायड़ा टोकरी बास आदि)	11.35	100.00	8.97	50.00
		80		स्वास्थ्य शिविरो का आयोजन	0.00	5.50	1.47	5.00
					4794.68	9685.36	2273.07	10068.79
		90		नया निर्माण / कर्य				
			1	जलकल (नया कार्य)	547.59	522.38	454.51	600.00
			2	वाहन कर्य	0.00	35.00	0.00	35.00
			3	पर्यवेक्षणाला	0.00	50.00	0.00	20.00
			4	साठनिविदा (स्टोर)	1.12	2.00	0.73	2.00
			5	सीएमसीएच एंड इलेक्ट्रानिक अटैन्डेंट सिस्टम	12.77	12.31	9.76	30.00
			6(1)	प्रकाश व्यवस्था	98.06	233.21	31.30	333.00
			7	नगर निगम प्राशासनिक भवन	0.00	870.00	0.00	870.00
			8	सकाय निर्माण	0.00	447.75	0.00	447.75
				मालिन बस्ती				
		91	1	सकाय नाली नाला	758.27	1932.00	510.64	1408.33
			2	मार्ग प्रकाश	170.92	261.80	71.08	183.25
			3	जलापूर्ति	205.16	583.50	147.01	285.00
			4	न्याय	0.00	28.00	0.00	13.33
			5	फर्क	0.00	62.50	0.00	37.50
				योग	1793.89	5040.45	1225.03	4265.16
260	सजस्व अनुदान,अंशदान सहायता	10		प्रायः				
			1	14 वीं वित्त आयोग	1898.92	3100.00	150.39	2206.39
			2	वित्तिय फन्ड लोन		0.00	0.00	0.00
			3	समायव्य सड़क सुधार योजना	99.13	300.00	287.96	302.71
			4	सीएमसीओ पीओ	3.65	76.00	0.00	85.92
			5	नगर सिटी	0.00	20000.00	18.59	600.10
			6	सुपर	0.00	10000.00	3.00	10000.00
			7	सकाय भारत मिशन	0.00	527.00	41.13	123.86
			8	समायव्य फर्न ऑल	0.00	1.00	0.00	1.00
			9	नगर निर्माण (प्रायः नगला)	100.00	100.00	0.00	100.83
					2101.70	34104.00	501.07	13420.81
			13	नगर सिटी	0.00	44.88	0.00	100.83
		20	1	नगर सिटी	0.00	10.00	0.00	154.00
			2	नगर सिटी		0.00	0.00	0.00
			3	नगर सिटी (स्व रखाव)		10.00	0.00	10.00
			4	नगर सिटी	8.00	100.00	0.00	100.00
			5	नगर सिटी/मृतक कर्मचारियों का बीमा				
				योग	5.23	16.50	0.27	16.50
				योग	13.23	181.38	0.27	381.33
				कुल व्यय	15226.55	57701.80	8264.02	36100.68
				अन्तिम अवशेष	2678.07	0.00	4055.37	0.00
				महायोग	17904.62	57701.80	12319.39	36100.68

लेखाकार,
नगर निगम, मुसदाबाद।

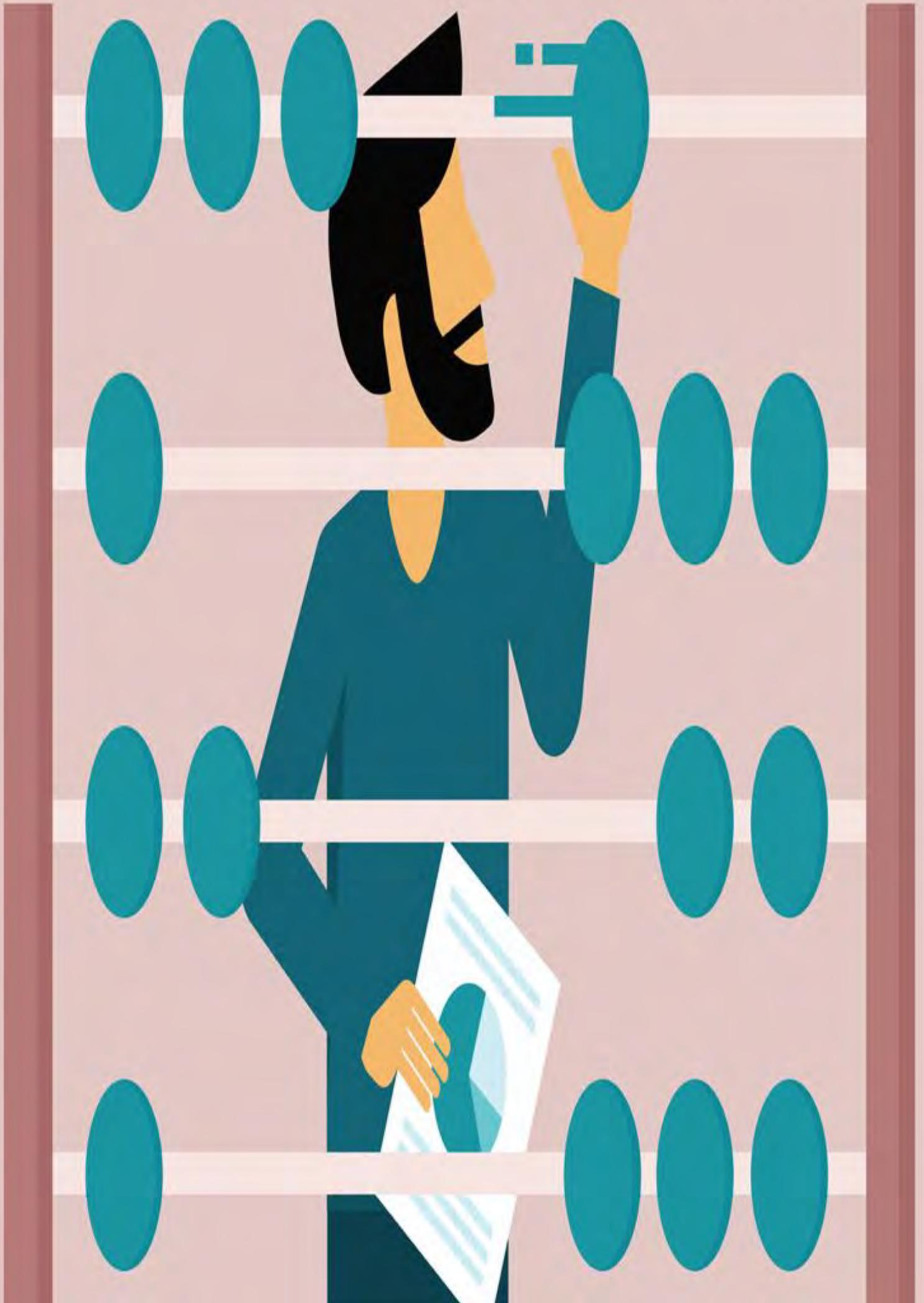
सहायक लेखाधिकारी
नगर निगम, मुसदाबाद।

लेखाधिकारी,
नगर निगम, मुसदाबाद।

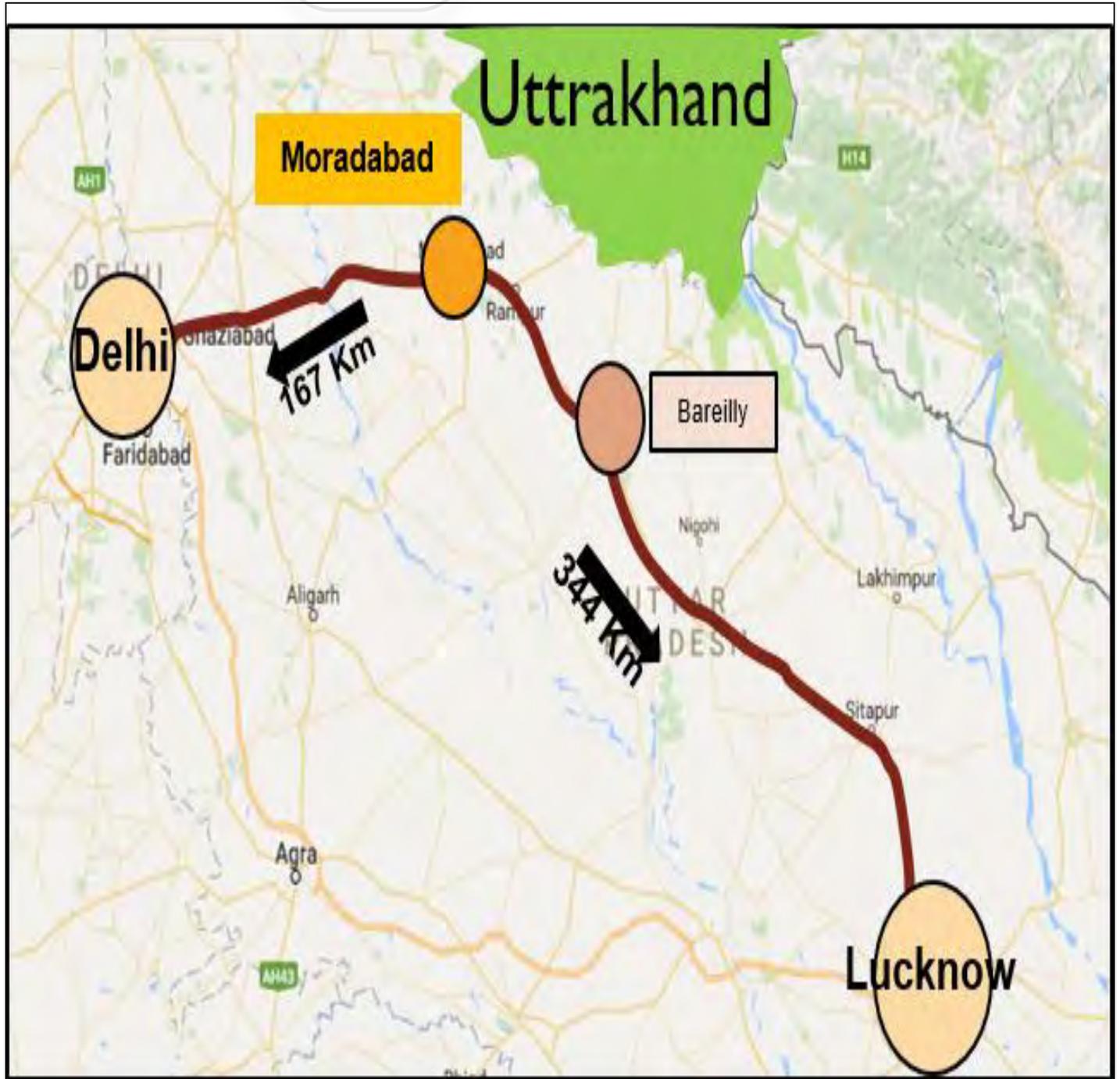
नगर आयुक्त,
नगर निगम, मुसदाबाद।

मा० कार्यकारिणी द्वारा अपनी बैठक दिनांक 28.11.2016 में अंगीकृत पुनरीक्षित बजट 2016-17

4.3 SWOT ANALYSIS



4.3 SWOT ANALYSIS: Location Details



4.3 SWOT ANALYSIS: SEZ Details

कार्यालय, स्मार्ट सिटी, नगर निगम, मुरादाबाद।

पत्रांक :- 86/स्मा0सि0/न0नि0मु0/2016

दिनांक 21.06.2016

आदित्य मनीषी
असिस्टेन्ट मैनेजर,
जे0एल0एल0,
प्रोपर्टी कन्सल्टेन्ट इण्डिया लि0।

1. SEZ क्षेत्र में प्रस्तावित निवेश की कुल मात्रा 450.00 करोड़ है। इसमें से 120.00 करोड़ का निवेश पूर्ण किया जा चुका है।
2. इस क्षेत्र में प्रस्तावित रोजगार रू0 2000.00 करोड़ का है। इसके सापेक्ष रू0 296.00 करोड़ के रोजगार सृजित किये जा रहे हैं।
3. इस क्षेत्र में रोजगार सृजन की कुल संख्या 13000.00 करोड़ की है।


(टी0एन0मिश्र)
प्रभारी स्मार्ट सिटी
नगर निगम, मुरादाबाद।

Data Taken:

1. SEZ estimated investment.
2. Employment Generation Details

4.3 SWOT ANALYSIS: SEZ Details



सत्यमेव जयते

भारत सरकार
वाणिज्य एवं उद्योग मंत्रालय, वाणिज्य विभाग
विकास आयुक्त का कार्यालय
मुरादाबाद विशेष आर्थिक क्षेत्र

छठा किलोमीटर, पाकबाड़ा-ढींगरपुर रोड, पो0ऑ0-युसुफपुर नांगलिया, मुरादाबाद-244 102, उ0प्र0
फोन / फ़ैक्स : 0591-2350001, 2350002; ई-मेल: adc@moradabadsez.gov.in

संदर्भ सं0 1-1/2005/एम.एस.ई.जेड.-प्रशासन

दिनांक: 22/06/2013

उपायुक्त उद्योग
जिला उद्योग एवं उद्यम प्रोत्साहन केन्द्र
मुरादाबाद -244 001

श्री चौधरी
22/6/16

विषय: स्मार्ट सिटी प्लान बनाये जाने विषयक सूचना उपलब्ध कराने के संदर्भ में।

संदर्भ सं0 : आपके कार्यालय पत्र सं0 1327/जि0उ0 एवं उ0प्र0के0 (मुरा0)/स्मार्ट सिटी/2016.17 दिनांक 20.06.2016.

महोदय,
आपके उपरोक्त पत्र के संदर्भ में नगर आयुक्त महोदय द्वारा उनके पत्र संख्या 62/स्मा0सि0/न0नि0मु0/2016 दिनांक 20.06.2016 के अन्तर्गत चाही गई सूचना निम्नवत् अग्रसारित की जा रही है:-

क0	विषय	सूचना
1	2	3
1	SEZ क्षेत्र में किये गये कुल निवेश की मात्रा (धनराशि) ?	इकाइयों द्वारा: ₹0 266.432 करोड़ विकासकर्ता द्वारा: ₹0 120.000 करोड़ कुल निवेश: ₹0 386.432 करोड़
2	SEZ क्षेत्र में वर्तमान में कितने लोगों को रोजगार मिला है?	प्रत्यक्ष: 1,496 अप्रत्यक्ष: 2,380 कुल रोजगार: 3,876
3	SEZ क्षेत्र में कितने लोगों को रोजगार मिलने की संभावना (Potential) है?	प्रत्यक्ष: 13,000 अप्रत्यक्ष: 21,000 कुल संभावित रोजगार: 34,000

8/67
22/6/16

भवदीय,

डॉ0 आलोक पाण्डेय/Dr. ALOK PANDEY
सहस्रक विकास आयुक्त/Asstt. Development Commissioner
मुरादाबाद विशेष आर्थिक परि क्षेत्र/Moradabad Special Economic Zone
भारत सरकार/Govt. of India
वाणिज्य एवं उद्योग मंत्रालय/Ministry of Commerce & Industry
मुरादाबाद (उ0प्र0)/Moradabad (U.P.)

Data Taken:

3. SEZ estimated investment.
4. Employment Generation Details

4.3 SWOT ANALYSIS: Industries Details

कार्यालय जिला उद्योग एवं उद्यम प्रोत्साहन केन्द्र
निकट 23 पीएसी कांठ रोड मुरादाबाद
Tel.No- 2450044 Email gmdicmor@nic.in

मु.मी.ए.ए.
नगर निगम
मुरादाबाद

पत्रांक 834 / जिउके / 2016-17 / एमएसएमई / मुरा0 दिनांक 18/5/16

नगर आयुक्त
नगर निगम
मुरादाबाद

महोदय, मुरादाबाद मण्डल मुरादाबाद के पत्रांक 38/एसटी/न0आ0/2016 दिनांक 13.5.2016 के क्रम में इस विभाग से सम्बन्धित वांछित सूचनायें निम्नप्रकार आपको आवश्यक कार्यवाही हेतु प्रेषित है-

नगर में कुल स्थापित इकाइयां

1- स्माल स्केल	9328
2- मीडियम स्केल	03
3- लार्ज स्केल	—

2- एसईजेड / एमईजेड वर्तमान स्थिति- मुरादाबाद में एक एसईजेड पाकबडा डीगरपुर रोड पर स्थापित है जिसमें लगभग 20 इकाइयां स्थापित हो चुकी है।

3- कितने प्रकार के उद्योग नगर में कार्य कर रहे हैं- नगर में मेटल आर्टवेयर्स, ग्लास आर्टवेयर्स, वुडन आर्टवेयर्स, मैथाल डीएमओ, वुडन एवंस्टील फर्नीचर, खाद्य, आदि उत्पादों की इकाइयों कार्यरत है।

4- नगर में औपचारिक औद्योगिक मजदूरों की संख्या (प्रत्यक्ष)	लगभग	54675
5. नगर में अनौपचारिक औद्योगिक मजदूरों की संख्या	लगभग	75630
6- सकल नगर उत्पाद	लगभग	2650 करोड
7. नगर से किये जाने वाले निर्यात का मूल्य	लगभग	4600 करोड
8- नगर की कुल कार्यशील जनसंख्या का प्रतिशतवार नियोजन-		
1. सेल्फ इम्प्लाइज	लागू नहीं	
2. गवर्नमेंट इम्प्लाइज	लागू नहीं	
3. इण्डस्ट्रीज इम्प्लायज	लगभग	10305
4. प्राईवेट इम्प्लायज	लागू नहीं	

9. नगर की उद्योगों की अवस्थापना नगर के किसी क्षेत्र विशेष में है अथवा सम्पूर्ण नगर में विस्तृत है- नगर में उद्योगों की अवस्थापना नगर के नवाबपुरा, मुगलपुरा, लालाबाग, फौजगंज, कटधर, महबुलागंज, पीरगैब, पीरजादा, किसरोल, मुफतीटोला, लाकडी फाजलपुर, दिल्ली रोड, संभल रोड, रामपुर रोड एवं कांठ रोड पर स्थापित है।

Data Taken:

1. Details of Industries and their numbers
2. Details of workforce in different types of industries

4.3 SWOT ANALYSIS: Industries Details

10. रिकल डेवलपमेंट सेंटर तथा रिकल डेवलपमेंट इन्सटीट्यूट- राजकीय आई0टी0आई0, राजकीय आई0टी0आई0 (तुमेन,) चन्द्रपाल आर्य मलिया टेक्नीकल इन्सटीट्यूट, अपर्ण इण्ड0 ट्रेनिंग सेंटर, ओम इण्ड0 ट्रेनिंग सेंटर, आर पी एस जनता इण्ड0 ट्रेनिंग सेंटर , गनपति इण्ड0 ट्रेनिंग सेंटर विकासनगर आदि है।,

11. केन्द्र एवं राज्य सरकार द्वारा रिकल डेवलपमेंट के लिए कार्यक्रम एवं योजनायें- विभिन्न प्रकार के ट्रेडो, जैसे-कम्प्यूटर, सिलाई, इलेक्ट्रिक, इलेक्ट्रॉनिक,फिटर,स्टेनोग्राफी, प्लम्बरिंग आदि ।

12- नगर में कार्यशील जनसंख्या का प्रतिशत 13 प्रतिशत

13- नगर में अनइम्पलायड टेक्नीकल यूथ का प्रतिशत लागू नहीं

14- सरकारी तंत्र के साथ नागरिकों के संवाद स्थापन हेतु इन्फार्मेशन कम्प्यूनिकेशन टेक्नोलाजी पर आधारित प्लेटफार्म का विवरण (पब्लिक रिड्रेसल सिस्टम तथा वेबपोर्टल आदि) नहीं

15- शासन की मासिक समीक्षा हेतु विगत तीन वर्षों की माह मार्च हेतु प्रस्तुत अभिलेखीय प्रपत्र-

वर्ष 2013-14

1- कुल स्थापित इकाइयां	1143
2- रोजगार	7478

वर्ष 2014-15

1- कुल स्थापित इकाइयां	1771
2- रोजगार	12664

वर्ष 2015-16

1- कुल स्थापित इकाइयां	2510
2- रोजगार	16185

(श्रीनाथ पासवान)

उपायुक्त उद्योग

जिला उद्योग एवं उद्यम प्रोत्साहन केन्द्र

मुरादाबाद

Data Taken:

3. Details of Industries and their numbers
4. Details of workforce in different types of industries

4.3 SWOT ANALYSIS: Industries Details in Brass Industry

प्रेषक,

उपायुक्त उद्योग
जिला उद्योग एवं उद्यम प्रोत्साहन केन्द्र
मुरादाबाद।

सेवा में,

नगर आयुक्त
नगर निगम, मुरादाबाद।

पत्रांक 67689 / जि०उ० एवं उ०प्रो०के०(मुरा०) / स्मा०सि० / 2016-17 / दिनांक: 6/2/17

विषय:- स्मार्ट सिटी राउण्ड-03 के अन्तर्गत नगर का स्मार्ट सिटी प्रोजेक्ट तैयार किये जाने हेतु सूचनायें उपलब्ध कराने के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक अपने पत्र संख्या 142/स्मा०सि०/न०नि०मु०/2016-17 दिनांक 28.01.2017 का सन्दर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा एजेन्सी के विशेषज्ञों द्वारा स्मार्ट सिटी प्रोजेक्ट तैयार करने के सम्बन्ध में कतिपय सूचनायें एजेन्सी के प्रतिनिधि श्री सूर्यदेव प्रकाश को उपलब्ध कराने हेतु सूचित किया गया है।

इस सम्बन्ध में इस कार्यालय से सम्बन्धित सूचना इस पत्र के साथ संलग्न कर आपको प्रेषित की जा रही है।

संलग्न:- उपरोक्तानुसार।

भवदीय

(श्रीनाथ पासवान)
उपायुक्त उद्योग
जिला उद्योग एवं
उद्यम प्रोत्साहन केन्द्र,
मुरादाबाद

पृ०सं०

/ उपरोक्तानुसार / तददिनांक:

प्रतिलिपि:- आयुक्त महोदय मुरादाबाद मण्डल मुरादाबाद को कृपया सादर अवलोकनार्थ प्रेषित।

(श्रीनाथ पासवान)
उपायुक्त उद्योग
जिला उद्योग एवं
उद्यम प्रोत्साहन केन्द्र,
मुरादाबाद

4.3 SWOT ANALYSIS: Investment Details in Brass Industry

DI & EPC

1.	Industry information and turnovers in different sectors industries (2013-2016)	2013-14	10987.00	Investment in Rs in Lakh
		2014-15	37600.00	-Do-
		2015-16	18930.00	-Do-
		2016-17	35522.00	-Do-
2.	Location of Brass and other industries	Proper Moradabad City/Arround The City upto 10KM range such as Delhi Road, Rampur Road, Kanth Road, Sambhal Road, Lakrifazalpur & SEZ Area		
3.	Export details Inside the country and outside india	Australla, Belgium, Brazil, Canada, Denmark, France, Germany, Netherlands, Poland, Russia, South Africa, South Africa, Saudi Arabia, Sweden, USA, UK, UAE		
4.	Existing Brass based Research & development centres	MHSC Rampur Road Moradabad		
5.	Prime Minister's Rozgar Yojana (PMRY) and Scheme of Found for Regeneration of Traditional Industries (SFURTI) convergence.	2013-14	- 62	(Project)
		2014-15	- 89	(Project)
		2015-16	- 48	(Project)
6.	Detail of Special Economic Zone (SEZ)	Information is enclosed here with receive from SEZ.		


 Deputy-Commissioner Industries
 District Industries & Enterprises
 Promotion Centre
 Moradabad

4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

EXECUTIVE SUMMARY

Central Pollution Control Board has a network of 57 water quality monitoring stations on river Ganga and monitoring 9 core parameters regularly. With respect to said network, it was observed that river Ganga within the prescribed limits in terms of BOD from its origin to Rishikesh and in the segment of Bihar. However, in the stretch of Rishikesh Downstream to Garhmukteshwar and Kannauj Upstream to Trighat and few locations at West Bengal (Dakshineshwar, Uluberia & Diamond Harbour) water quality exceeds the criteria in terms of BOD. Dissolved Oxygen & pH is meeting the criteria at almost all the monitoring locations while Faecal Coliform is not meeting the criteria at most of the monitoring locations from Kanpur Downstream onwards upto Diamond Harbour.

- **Status of Drains discharging wastewater to river Ganga**

CPCB has inventorized and monitored 138 drains in Ganga river Catchment. 76 % of the pollution load was contributed by Uttar Pradesh. Maximum flow was also measured in Uttar Pradesh. In Uttar Pradesh, Chhoyia, Permiya, Sisamau nala are the major polluters which contributes maximum pollution load. In West Bengal maximum numbers (54) of point sources were identified. This indicates that if the pollution load in the major drains of Uttar Pradesh, Bihar and West Bengal is addressed, water quality would show substantial improvement.

- **Performance Evaluation Of Sewage Treatment Plants**

Performance evaluation of 64 Sewage Treatment Plants was conducted. It was observed from the findings that capacity utilization wise, West Bengal needs immediate attention. All the non functional STPs needs to be made functional. The STP's at Bhatpara (new), Titagarh, Bandipur need improvement. With respect to Uttar Pradesh, Jajmau, Dinapur, Bhagwanpur at BHU needs improvement in its performance. In case of Bihar, treatment plant at Chapara, Patna needs to be made functional. STP at Lakkarghat in Utrakhhand needs improvement in its performance.

- **Reconnaissance survey of river Kali (East) and Ramganga**

CPCB has surveyed and monitored river Kali (East) and Ramganga and inventorize point sources of pollution. Major tributaries of river Ramganga are river Kho, Gagan, Kosi, Dhela, Bhakara, East and Waste Begul and Deohra (Gorra). During survey, it was found that Moradabad and Rampur drain are two major drains discharging industrial/domestic wastewater in river Ramganga. Total BOD load discharge to river Ramganga by tributaries/darins is 132 TPD. Flow of river Kali at Khatauli town was zero which shows that natural source of river Kali was abolished and flow was only observed during monsoon. There are nine point sources namely Abu Nallah-1, Abu Nallah-2, Odean drain, Chhoyia drain, Hapur drain, Kadrabad drain, Gulaothi drain, Bulandshar drain-1 and Bulandshar drain-2 which carry industrial and domestic wastewater into river Kali. Total BOD load discharged by 09 drains to river Kali (East) is 165 TPD.

4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

POLLUTION ASSESSMENT : RIVER GANGA

CHAPTER-7 STATUS OF WATER QUALITY OF RIVER RAMGANGA AND KALI

River Ramganga and River Kali are the major source- of- pollution of Ganga river.- These- rivers merge with river Ganga in-the-vicinity-of Kannauj. Catchment-area-of-river Ramganga and river-Kali has significant number of-grossly-polluting industries impacting their water quality.

7.1 Status of Water Quality of River Ramganga

River Ramganga originates from Doodhatoli ranges (high altitude zone of 800m-900m) in the district of Pauri Garhwal, Uttarakhand. The river flows south west from KumaunHimalaya. It is a tributary of the river Ganga. Ramganga descends upon the plains from the Corbett National Park near Ramnagar in Nainital district and flows through the plains of Kalagarh, Afzalgarh, Moradabad, Rampur, Bareilly, Shahjahanpur and finally merges with river Ganga near Kannauj (Uttar Pradesh). Several water polluting industries (mostly Agro based industries) are located



Picture 45: River Ramganga at Agwanpur

in its catchment. The catchment area of the basin is about 32,493 sq. km. Total length of river from the source to the confluence with the river Ganga is 596 km. The major tributaries which join Ramganga river are the Kho, Gagan, Kosi, Dhela, Bhakara, East Begul, West Begul and Deoha (Garra).

In the present study, assessment of River Ramganga has been carried out between the latitude 29°18'36.17" N to 28°17'40.89" N and the longitude 78°38'12.07" E to 79°22'7.48" E from Kalagarh (U.K) to Bareilly (U.P) covering 236 km of stretch.

7.1.1 Problem Area

River Ramganga enters Moradabad city, after its origin from Pauri Garhwal. The problem of colour in downstream stretch is encountered due to untreated/partially treated industrial discharges containing lignin and other organic load. The significant quantity of pollution load is transported by the Rivulets from Utrakhand namely Dhella, Bahela, Kosi and Pilakhar (Figure 7.1) to river Ramganga. It is estimated that the total wastewater discharge directly or indirectly into the river Ramganga from Uttarakhand is 162 MLD and from Uttar Pradesh is 73 MLD. Water Quality of Ramganga affects the water quality of river Ganga at Kannauj.

4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

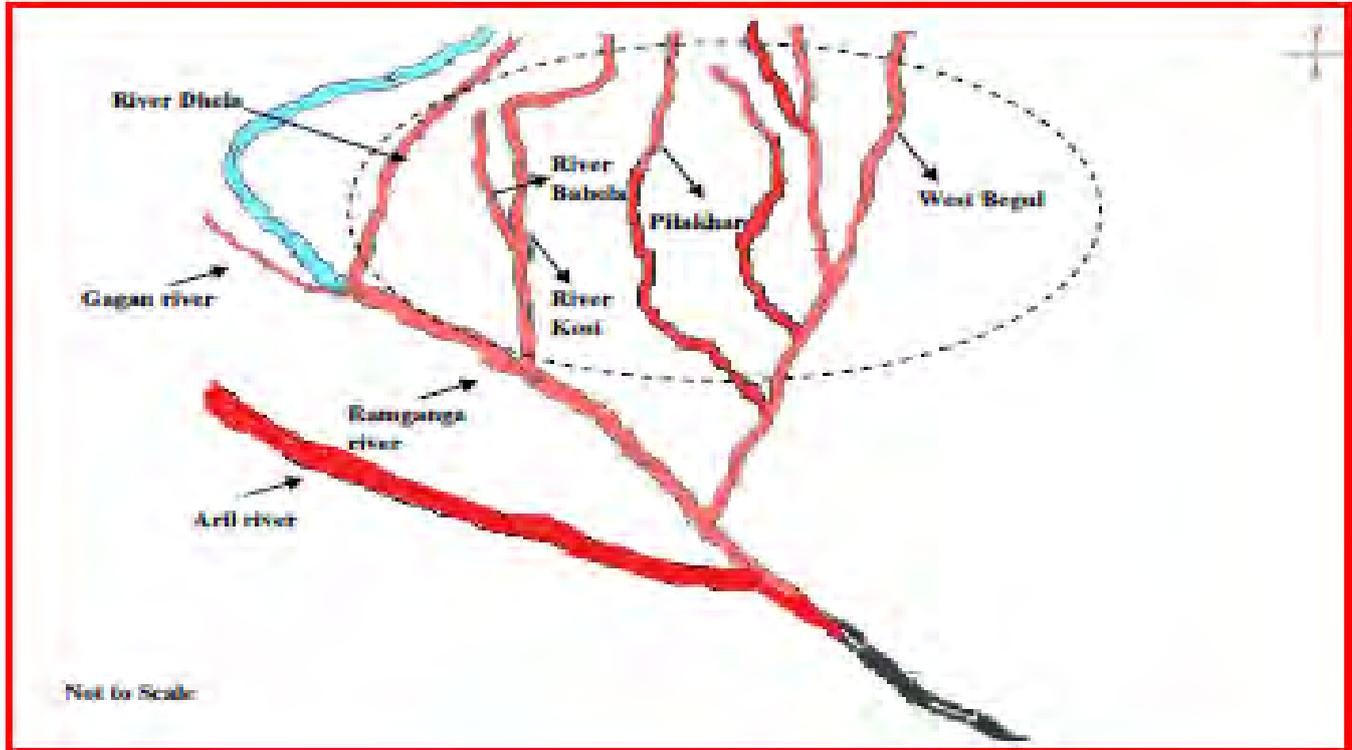


Figure 7.1: Map showing problem area

7.1.2 Monitoring Programme for assessment

Grab samples were collected from 15 locations and analyzed for physio-chemical parameters such as pH, TDS, BOD, COD, DO, Chloride and Conductivity. Pollution sources and river sampling points is depicted in table 7.1 and analytical results are summarized in table 7.2. Schematic flow diagram showing point sources of river Ramganga is shown in figure 7.2.

Table 7.1: Point Sources of River

Sl.No.	Code	Source	Point Source	Location
1.	R1	River	Kho	Sherkot
2.	R2	River	Gagan	Delhi-Moradabad Road
3.	R3	River	Bahela	Tanda D/t
4.	R4	River	Dhela	Bhojpur
5.	R5	River	Kosi	Rampur-Delhi Road
6.	R6	River	Bakra	Delhi-Bareilly Road



4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

7.	R7	River	Begul	2 km d/s of previous location
8.	R8	River	Shankhu	Delhi-Bareilly Road
9.	R9	River	Daroyian	Uocha village, Bareilly
10.	R10	River	Nakatiya	Shahpur Road
11.	R11	River	Aril-D/s	Rasoolpur village, Badson, Bareilly
12.	D1	Drain	Seohara	Seohara village
13.	D2	Drain	Dwarika-Sugarmill drain	Afzalgash, Dwarikeshpur
14.	D3	Drain	Rampur Drain	Parwai
15.	D4	Drain	Moradabad drain	Moradabad Bypass

Table 7.2: Physico results of point sources

SL.No.	Point Source	Flow (MLD)	Parameters							BOD load kg/day	
			pH	COD	BOD	Colour	Cl	Conduc-tivity	DO		TDS
1.	River Kho	245	7.3	24.0	1.8	Colour less	8.99	202	9	120	441
2.	Seohara Drain	19	7.1	880	320	300	-	-	0	690	6080
3.	Dwarika-Sugar Drain	9.3	6.9	336	210	70	-	-	0	960	1933
4.	River Gagan	422	7.2	8	2.6	20	15	439	9.5	310	1097
5.	River Bahala at Tanda	131	7.5	417	57	60	35	699	0.2	396	7467
6.	River Dhala	702	6.9	256	57	150	119	944	1.0	610	40014
7.	River Kosi	675	7.9	50	11	60	21	598	2.6	346	7425
8.	Rampur Drain	80	7.2	376	195	150	-	-	0	1050	15600
9.	Moradabad drain	150	7.5	440	196	160	-	-	0	900	29400
10.	River Bhakri	1283	7.6	20	2	Colour less	11.98	612	9	400	2566
11.	River Aril at Rasoolpur	86	7.5	160	22	140	87.9	1051	4	630	1892

4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

12.	village, Boddon, Bareilly River Begul	1520	7.5	20	2	25	21.97	611	8.2	400	3040
13.	River Shankin.	452	7.7	20	1.4	Colour less	15.98	495	7	300	633
14.	River Deroyian.	-	7.1	88	29	60	41.95	719	0	420	-
15.	River Nakatiya.	-	7.1	84	9.2	25	11.98	575	2.6	350	-

Note : All units are measured in mg/l except pH, conductivity in $\mu\text{mho/cm}$

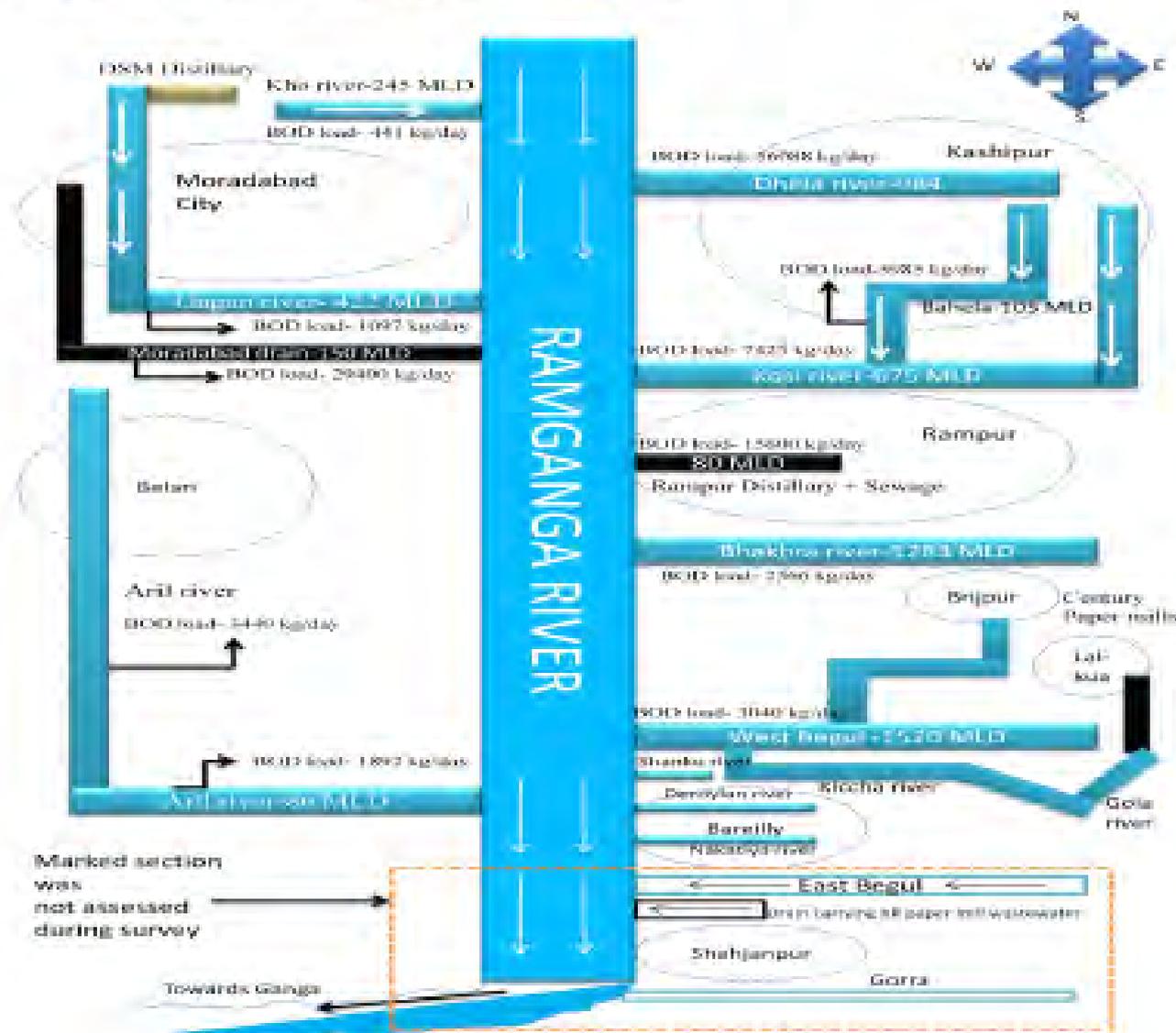


Figure 7.2: Schematic flow diagram showing point sources of river Ramganga



4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

7.1.3 Water Quality at River Ramganga

Monitoring of River Ramganga was carried out at 05 locations from Afzalgarh to downstream of Bareilly. Analytical results of river Ramganga are placed at table 7.3

Table 7.3: Analytical results of River Ramganga

SL. No.	Code	River Ramganga at	Flow (MLD)	Parameters								BOD load kg/day
				pH	COD	BOD	TDS	Colour	DO	Cl	Conduc-tivity	
1.	RM1	Afzalgarh	1255	7.0	12	3.2	170	Colour less	8.2	14	262	4016
2.	RM2	Agwanpur	1500	8.3	09	02	172	<20	9.2	10	292	3000
3.	RM3	Khatgarh A/c Dhela	2724	7.9	38	09	238	40	6.1	19	431	24516
4.	RM4	Shahabad road	2593	7	28	4.6	380	30	3.8	33	578	11937
5.	RM5	Bareilly-Badua Road	9128	7.7	24	3.8	370	25	6.8	25	604	34686

Note : All units are measured in mg/l except pH, conductivity in $\mu\text{mho/cm}$

Close examination to table 7.3 reveals following observations:

- DO concentration of river Ramganga fluctuates from 3.8 mg/l to 9.2 mg/l. DO value at Agwanpur is 9.2 mg/l and after confluence of river Dhela, DO value falls to 6.1 mg/l. Similarly, after confluence of Kosi, Moradabad drain, Rampur Drain, DO value again drop down to 3.8 mg/l. However, DO concentration again increases to 6.8 mg/l as fresh water from river Bhakra, Begul and Shankhu join Ramganga.
- BOD concentration also shows the same trend as BOD concentration at Afzalgarh is 3.2 mg/l and after confluence of said drains BOD concentration at Shahabad road is 4.6 mg/l whereas it again comes down to 3.8 mg/l.
- Same trend was also observed in case of COD and TDS.



Picture-46: River Ramganga at Bareilly

7.1.4 Major Findings

Based on the facts obtained, following findings were made out:

1. River Dhela, Bahela, Kosi, Rampur Drain, Moradabad drain are the causes of deterioration of water quality of Ramganga.
2. Water Quality of river Ramganga at Afzalgarh and Agwanpur meets Primary Water Quality Criteria for Bathing Water with respect to DO and BOD.



4.3 SWOT ANALYSIS: Pollution Analysis in Ramganga River by CPCB

3. River Dhela carries BOD load of 40014 kg/day and it deteriorates water quality of Ramganga. Analytical results of river Ramganga (after confluence of Dhela at Khatghar) shows that water quality does not meet Primary Water Quality Criteria for Bathing Water as BOD concentration was 09 mg/l. BOD load of Ramganga increases from 3000 kg/day (Agwanpur) to 24516 kg/day (Khatghar).
4. Moradabad Drain, Rampur Drain, River Kosi and Gagan meet Ramganga between Khatghar and Shahabad Road. Moradabad drain carries BOD load of 29400 kg/day as it carries industrial and domestic wastewater of Moradabad whereas BOD load of Rampur drain was 15600 kg/day.
5. Water quality of river Kosi deteriorates after confluence of River Bhela. River Bahela carries industrial and domestic wastewater of Kashipur (Uttarakhand) with BOD load of 7467 kg/day. BOD and DO concentration of river Kosi after confluence (at Rampur Bridge) was 11 mg/l and 2.6 mg/l respectively which violate the prescribed norms.
6. Seohara drain carries industrial wastewater of M/s Dhampur Sugar Mills and merges with River Gagan. Seohara drain has the BOD load of 6080 kg/day. However, BOD concentration of Gagan was always less than 3 mg/l and DO concentration was more than 4 mg/l.
7. BOD load of Ramganga decreases from 24516 kg/day (Khatghar) to 11937 kg /day (Shahabad road). However, water quality of Ramganga at Shahabad road does not meet Primary Water Quality Criteria for Bathing Water with respect to DO and BOD.
8. Flow of river Ramganga increases from 2595 MLD (Shahabad road) to 9128 MLD (Bareilly-Baduaon road) as River Bhakra, Begul and Shankhu join river Ramganga and provide dilution to Ramganga. Similarly, BOD load also increases from 11937 kg/day (Shahabad road) to 34686 kg/day (Bareilly-Baduaon road) as untreated sewage of Bareilly city amalgamate with Ramganga via River Deroyian and Nakatiya.
9. River Bhakra, Begul and Shankhu mostly carry fresh water whereas Deroyian and Nakatiya river carries sewage of Bareilly city. DO Concentration of both Deroyian and Nakatiya river was less than 4 mg/l whereas BOD concentration was more than 3 mg/l.
10. BOD concentration of Ramganga decreases from 4.6 mg/l (Shahabad road) to 3.8 mg/l (Bareilly-Baduaon road) whereas DO concentration increases from 3.8 mg/l (Shahabad road) to 6.8 mg/l (Bareilly-Baduaon road).
11. River Aril joins Ramganga after Bareilly-Baduaon road. Industrial wastewater from Bilari discharge into said river and ultimately deteriorates Ramganga.



4.3 SWOT ANALYSIS: Key Interventions required in Brass Industry & Output

MORADABAD BRASS CLUSTER KEY INTERVENTIONS AND IMPACT

ACTIVITY	PRE-INTERVENTION	EXPECTED IMPACT	BENEFIT TO	WAY FORWARD
Formation of Cluster Innovation Centre	<ul style="list-style-type: none"> Diverse interest groups No knowledge sharing practices No identification of common issues 	<ul style="list-style-type: none"> Articulation of collective needs Showcase benefits of common resource base Community participation and ownership 	Cluster	<ul style="list-style-type: none"> Reduction of internal differences necessary Encourage ground-up collaborative activities
MCIDS	<ul style="list-style-type: none"> Diverse interest groups No identification of common issues 	<ul style="list-style-type: none"> New organisation mechanism to focus on common needs Identification of common R&D needs Scalability of innovative practices across all SMEs Socio-economic benefits 	Cluster	<ul style="list-style-type: none"> Community ownership of ideas and processes Co-operative organisational structure needed
Newly designed coal furnace	<ul style="list-style-type: none"> Release of harmful air pollutants Exposure to health hazards like TB and cancer High ash content in coal Limited productivity 	<ul style="list-style-type: none"> 20% reduction in fuel consumption 10% enhanced productivity Expected to increase wages due to increased productivity Healthier working conditions Affordable Furnace 	Artisans Manufacturing units	<ul style="list-style-type: none"> Large scale implementation needed for greater economic benefit Technology transfer and commercial launch
Ready to use lacquer	<ul style="list-style-type: none"> Needs to be mixed with hardeners or thinners 30 minutes of baking 60 minutes of drying Can only be sprayed Cannot be stored 	<ul style="list-style-type: none"> No baking time 30 minutes of drying time Can be sprayed, dip coated or brush painted Major saving in application time No wastage as it has long shelf life 	Exporters	<ul style="list-style-type: none"> Transfer of technology and commercial use Product needs to be popularized in the cluster Benefits need to be propagated
Cyanide-free electrolytes	<ul style="list-style-type: none"> Serious health hazards Hard to comply with global norms on usage of harmful chemicals 	<ul style="list-style-type: none"> No toxic effects Help meet international quality norms Cleaner & safer for users 	Artisans Exporters	<ul style="list-style-type: none"> Need to replicate the property of cyanide to spread quickly



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

RECOMMENDATIONS TO ADDRESS THE ISSUES OF INFORMAL SECTOR INVOLVED IN E-WASTE HANDLING

Moradabad, Uttar Pradesh



Centre for Science and Environment



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

1. Background

Moradabad, in Uttar Pradesh, on the banks of the Ramganga River, has become one of the biggest informal e-waste recycling hubs in India. Popularly known as the Brass City of India, it has also been affected by the global recession and consequent decrease in demand for brass products; manufacturers and handcraft workers are shifting towards the informal, unauthorized e-waste sector. Handcraft workers are now experienced at extracting metals from electronic products—computer monitors, CPUs, remote controls, radio transmitters, old mobile phones and keyboards.

The e-waste in Moradabad comes from all the metro cities, majorly from New Delhi (Shastri Park, Silampur, Mundka and Mandoli), Mumbai, Kolkata, Bangalore and Chennai. E-waste recycling has become a home business in the city, with most members in a family involved in processes right from dismantling to metal recovery.

Dismantling and recycling activities in Moradabad are carried out mostly in basements or rooftops of houses of people engaged in this business. The work involves hammering dismantled gadgets and motherboards to extract copper, silver and gold from the circuits. Workers burn motherboards that contain heavy metals in open piles which release deadly toxic fumes. Circuit boards are cooked over open flames or in shallow pans, exposing workers to lead fumes. Copper is extracted during this process. Gold is extracted from circuit board chips by acid baths, spewing even more toxic gases into the air. These processes are very hazardous to the environment and human health.

A meeting was called at the Cabinet Secretariat under the Chairmanship of the Cabinet Secretary on 29 January 2015 to discuss the issue of unscientific disposal of e-waste in Moradabad. Centre for Science and Environment (CSE) was asked at the meeting to give suggestions on improving the present state of affairs. Post the meeting, two representatives from CSE visited Moradabad from 11 February to 13 February 2015 to assess the situation and explore alternatives.

Table 1: Results from analysis of water and soil samples collected at Moradabad

Sample	Cu (ppm)	Ni (ppm)	Zn (ppm)	Co (ppm)	Pb (ppm)	Cr (ppm)	As (ppb)	Hg (ppb)
Water samples								
Dewas ghat	ND	ND	ND	ND	ND	ND	3.90	ND
Ramganga Vihar Colony	ND	ND	ND	ND	ND	ND	5.03	ND
Ramganga D/S Katghar	ND	ND	0.35	ND	ND	ND	3.25	6.12
Soil samples								
Riverbank side	2485	45	1565	ND	618	30	673	ND
1 km distance from the Ramganga River (small pond-like area)	24596	460	108322	13	735	136	954	ND
ND - not detected								



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

CENTRE FOR SCIENCE AND ENVIRONMENT

II. Nature and Extent of Problem

E-waste dismantling and recycling in Moradabad has its roots in the brass works that the city is famous for. The people's knowledge of metal processing made e-waste processing an obvious choice for them. The city is the biggest exporter of brassware in the country, but is hit by recession and the decreasing demand for brass.

Moradabad does not receive the discarded electronics in full. Recyclers in Moradabad buy only PCBs from Delhi, Kolkata, Chennai, Bangalore and other parts of India. The circuit boards are sourced from computer monitors, CPUs, keyboards, television, remote control sets, radios, CD/DVD players, cell phones, compact fluorescent lamps (CFLs) and other electrical appliances. According to an estimate, 50 per cent of the PCBs used in appliances in India end up in Moradabad. Recyclers process them to recover metals, including copper, aluminium, gold and silver. Some of the informal recycling hubs in Moradabad are Ward Nagar, Nawabpura, Karula, Barwala, Daswaghat, Rohmat Nagar and Bhojpur Village, adjacent to Moradabad. Workers can easily be seen on the banks of the Ramganga, washing the boards to recover fragments of metals.

A. How do PCBs travel to Moradabad?

The District Administration and Pollution Control Board in Moradabad told the CSE team that there are big transporters in Moradabad who come to Delhi to buy PCBs from areas such as Seelampur, Mandoli, Jafraabad, Badarpur and Mundka. They buy PCBs, load them on their trucks or small tempos and sell them in Moradabad, where families buy them to separate metals. The PCBs are stored in godowns until families buy them. As soon as they reach Moradabad, they are disbursed for fear of police clamp down. Some families travel to Delhi to buy PCBs and load them on small tempos to bring them back to Moradabad. Authorities say that around four to five trucks come every day to Moradabad from Delhi.

B. The Metal Recovery Process Adopted by Informal Recyclers in Moradabad

The PCBs are dismantled in households in Moradabad and neighbouring villages, such as Bhojpur. The activities which the CSE team saw while at Moradabad are the following:

1. Segregation

The PCBs are initially heated on a gas stove or through a blowtorch to loosen the lead soldering. The attached capacitors, ICs, diodes, resistors etc. are then removed with a hammer and segregated. The working parts are sold to traders for reuse. The non-working components are further processed for recovery of materials. Women and children are mostly involved in segregating the various components of PCBs at the household level.

There are families that work on dismantling and segregation of PCBs that traders employ. As per the locals, the women involved are mostly old, divorced or widowed, who do not have any other source of livelihood. They earn better

5



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

NO ENVIRONMENT

carrying out e-waste segregation than if they would as domestic workers. Also, families that buy PCBs from transporters employ all their members so that they're able to dismantle and segregate good quantities and earn more.

2. Open burning

After all the remaining components are separated, PCBs are put for open burning so the thin layer of copper foils laminated in the circuit board can be extracted. The ash content is washed out and copper, with some carbon impurity, is collected to be recycled.

The CSE team could not see open burning during their survey. The local police said that they arrest the involved people whenever open burning cases are reported. So, the locals now burn surreptitiously on the outskirts or near the banks of Ramganga River in the wee hours of night.

3. Grinding and washing

The boards with all the relevant components removed and burnt are later grinded in a ball mill. The fine powder/ash generated from the mill is sieved to separate chunks of metals. The left over ash from sieving is washed in the Ramganga River, where the ash flows and small quantities of copper are recovered.

The CSE team saw many units with ball mills where brass work is also carried out. The fine powder was being sieved by people in the units without any masks and the entire area was smoky. The team asked people if they suffered from any respiratory problems, which they denied.

4. Acid bath

Some areas in Moradabad are famous for the recovery of gold and silver from e-waste, through the cyanide and mercury process. Circuit boards have gold-plated brass pins which are soaked in acid to recover the gold and brass separately. Recyclers who recover the gold and silver sell it to jewelers who give them loans on higher rates of interest and buy the gold and silver at a smaller rate from them.

The CSE team could not see any acid bathing in the surveyed areas. It may not have been carried out openly. However, the team did see a number of acid containers in some of the houses visited.

C. Extent of problem

The authorities in Moradabad did not have a clear idea of how many people were involved in the illegal business of e-waste in their city. The district administration (guess) estimates that around 1 to 1.5 lakh people are involved; however the municipal administration estimates that not more than 20,000 to 25,000 people are engaged in the sector. Locals are of the view that every family is involved directly or indirectly in the business. Some transport, some trade, others dismantle and recycle, while still others buy the recovered metals that are consumed within the city by businessmen and manufacturers of brass as well as aluminium and copper to make ingots.

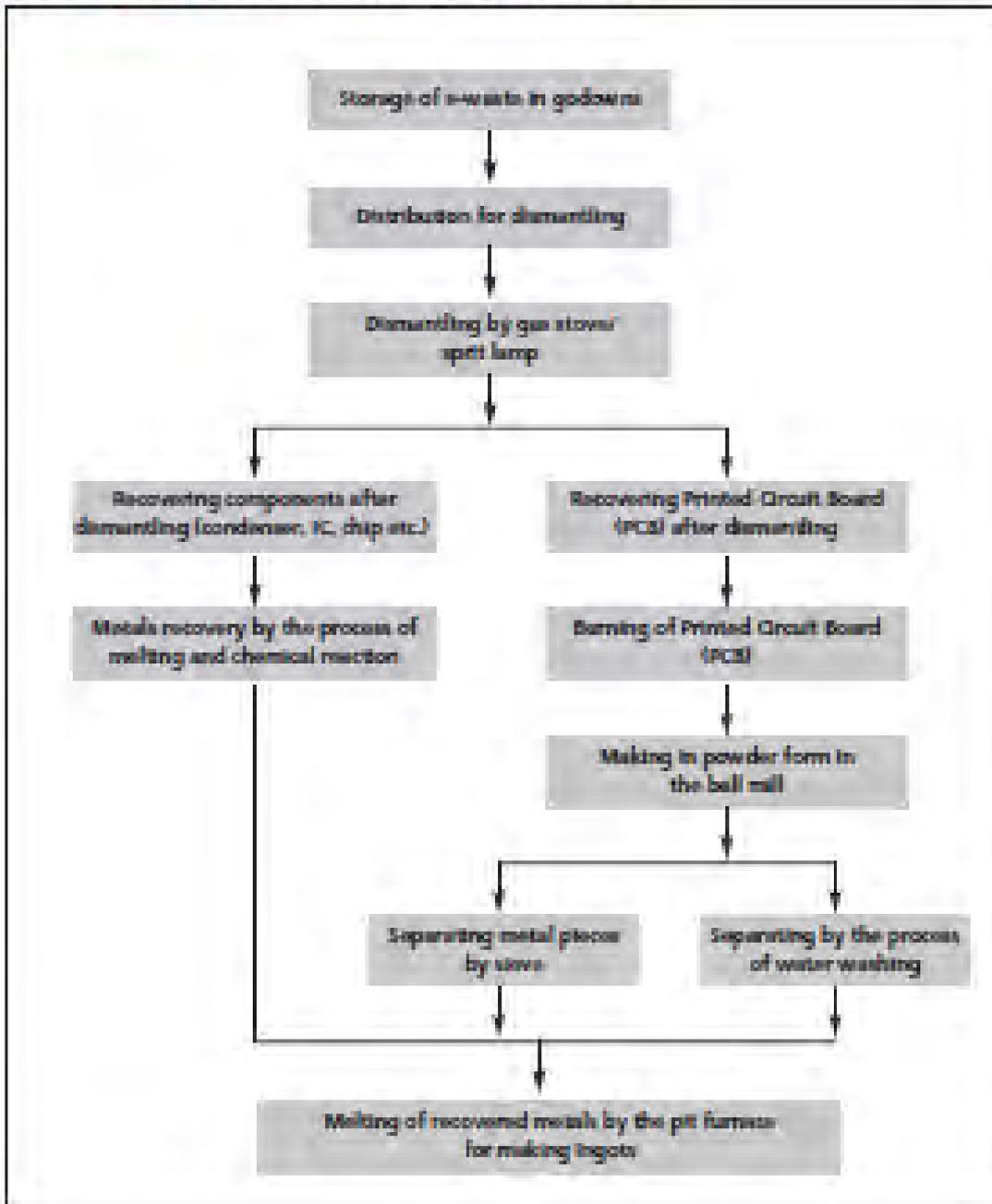
Without clarity on the number of people involved, it is difficult to ascertain the extent of problem and propose for alternatives. ■



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

CENTRE FOR SCIENCE AND ENVIRONMENT

Flow diagram: E-Waste Processing in Moradabad



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

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III. Economics of e-waste in Moradabad

The workers employed in the e-waste business in Moradabad earn around Rs 150-200 per day for dismantling activities. Women and children get only Rs 70-100 per day for 10 hours of work. According to sources from the Uttar Pradesh Pollution Control Board, almost 80 per cent of the population is involved in dismantling e-waste and segregating it into separate components while only 8-10 per cent is involved in the process of metal recovery.

Around four to five trucks come in Moradabad carrying approximately 9 tonnes of e-waste (PCB waste) per truck. Small tempos run by small and medium businessmen/traders also transport e-waste daily from Delhi. Most of the PCB components comprise TV remote/radio (almost 80 per cent), motherboards (8-10 per cent), mobile boards (4-5 per cent), circuits of CFL lights and keyboards (3-4 per cent).

The buying rate of these components on an average is as follows:

Table 2: Cost of components

Component	Cost (in Ru/kg)
TV remote/radio/monitor board	10-40
Motherboard	300
Mobile board (Cost differs from brands to brands. For instance the Chinese mobile boards fetches less than brands such as Nokia, Samsung etc.)	2,500-3,000
Server card/PCX card	500

Source: As per people engaged in business of e-waste in Moradabad

The recovery rate of different types of metals by the processing of e-waste is as follows:

Table 3: Recovery rate of different metals

Metal	Recovery rate (in Ru/gm)
Platinum	40,000/10gms
Gold	28,000/10gms
Silver	400/10gms
Brass	0.53/gms
Copper	0.4/gms
Aluminium	0.12/gms
Solder	0.48/gms
Lead	0.15/gms
Iron	0.03/gms

Source: Uttar Pradesh Pollution Control Board, Regional Office, Moradabad

4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

CENTRE FOR SCIENCE AND ENVIRONMENT

Workers associated with metal extraction said they do not get much gold and silver from the PCBs. They mainly extract copper, which is then routed to the brass industry. However, the presence of acids in some houses proved that gold was also being extracted.

Metals that can be recovered from 1,000 kg of PCBs is shown Table 3. However, methods employed to extract metal by the informal sector are rudimentary and lead to a loss of significant quantities of metals. Only about 60-70 per cent of metals are recovered by the methods used by the informal sector and rest goes to waste.

Table 4: Recovered metals per 1,000 kg of PCBs (from the formal sector)

Recovered metal	Weight
Gold	379.93 g
Precious metals (Pt, Pd, In)	93.31 g
Copper	130.513 kg
Aluminium	145.153 kg
Lead and tin (Pb/Sn)	30.844 kg
Silver	450 g

Source: http://academicjournals.org/journal/article/200705530_Chapter%20and%20Lama.pdf

4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

IV. Recommendations for Efficient Management of E-waste in Moradabad

The e-waste business in Moradabad grew because of the decline of the brass industry in the city. However, market experts say that brass is regaining its lost position in the international market and imports have increased in the last few years.

There is a strong linkage between the e-waste recycling and the existing brass industry in Moradabad. Metals such as copper, iron and aluminium extracted from PCBs of e-waste are fed into the brass-making units. A lot of the brass work carried out informally in Moradabad is pollution-intensive and employs child labour. It is done mostly in small houses in narrow streets but also in well-furnished large units. In household units, the work is carried out within houses, creating noise beyond the decibel counts permissible for the human ear. Metallic dust, chemical fumes and smoke emanate from various processes and affect the respiratory systems of workers. In larger units, many workers work together in over-congested conditions.

The mushrooming of e-waste business in Moradabad is thus attributed to a combination of the expertise and experience of the people associated with brass work. Considering this, the following are the recommendations that CSE proposes for the efficient management of e-waste in Moradabad:

Inventorization

The number of people and families involved in e-waste dismantling and recycling in Moradabad is not known. The district administration estimates that around 1.5 to 2 lakh people are involved in the business; however, officials from the municipality are confident that there are not more than 15,000 to 20,000 people involved. Locals believe that the numbers run into lakhs. E-waste dismantling and metal extraction is not only restricted to Moradabad but has spread to neighbouring villages such as Bhojpur.

Until an inventorization of people involved in this business is carried out, it is difficult to arrive at alternatives. District and municipal administration should map the number of people involved in different streams of engagement, such as transportation, dismantling, metal extraction and trading.

Allow dismantling but with protective equipment, capacity support

The dismantling and segregation of PCBs can be allowed at the household level in Moradabad but with requisite training, personal protective equipments and with check on potential health hazards. Workers carry out segregation and dismantling with their bare hands and use a blow torch/flame to loosen the soldering of PCBs, inhaling in the process noxious air fumes. Gloves and masks can be provided to workers involved in this operation (mostly women and children).

Formalize the chain of supply

E-waste will continue to find its way (illegally) to Moradabad unless the entire chain of supply is formalized. The informal sector engaged in e-waste dismantling and metal recovery in Moradabad can be formalized with the

4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

Intervention of an external agency such as an NGO or a government authority. The external agency can build capacities on getting formalized, obtaining registration and authorization and using environmentally sound ways of dismantling. Dismantling and segregation are relatively safe processes and can be continued at household levels. However, more people can come together to carry out metal recovery and extraction, which would involve costs. The interventions from SPCBs and the state government would be required for building linkages between them and formal recyclers. Even after a formal chain is set up, chances are that the collected and dismantled products are routed to a third party that gives higher prices rather than the formal recycling agency. To prevent such leakages, an NGO or government authorities must be involved to support the informal sector in every step or for handholding.

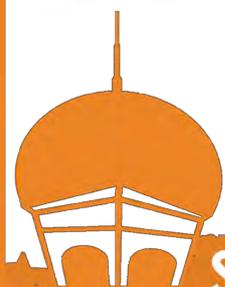
The cost for the formalization and setting up of dismantling and recycling agencies can be borne by CSR funds of manufacturers of electrical and electronic appliances.

Set up cooperatives and give them the status of micro or small enterprises to carry out metal extraction or channelize them as formal e-waste recyclers. People involved in e-waste dismantling and metal extraction in Moradabad can be organized in cooperatives recognized by the district administration. There have been successful initiatives to integrate actors in the informal economy, responsible for 95 per cent e-waste recycling in India, into the formal economy. In New Delhi, for example, the NGO Chintan Environmental Research and Action Group is engaged in an initiative to help e-waste workers formalize. Safal Sena, an active organization of 12,000 members that has worked on the collection of recyclables for more than a decade, is a group that Chintan helped organize. Organizing e-waste workers in Moradabad would allow workers to strengthen their trade and remain in business. Also, organized e-waste workers can advocate for the integration and formalization of informal actors in the formal economy and could serve as a good example to government authorities that supporting an organized network of collectors and dismantlers could be socially, economically and environmentally more beneficial than shutting down operations. Some formal recyclers from neighbouring cities and towns (such as Noida, Faridabad and Gurgaon) can also support this by building the capacity of informal sector associations as well as jointly developing norms for trade of material between the two sectors.

Ban and enforce open burning and acid bath

A strict ban on open burning and acid bath of PCBs have to be enforced by authorities in Moradabad. Bans have been imposed in the past but locals involved in the business find a way out by working in the early hours of morning or very late in the night. The Uttar Pradesh Pollution Control Board together with the police can carry out stringent monitoring and take punitive action against the people engaged in these activities. Heavy fines and imprisonment will deter people from engaging in open burning and acid bath.

Project Moradabad as an e-waste dismantling/recycling and brass works hub. Moradabad can serve as a hub for formal e-waste dismantling and recycling of Uttar Pradesh. The cooperatives in Moradabad can cater to the incoming e-waste from Uttar Pradesh, NCR, New Delhi etc. During a conversation with SPCB officials, the CSE team found out that an area for SIZ is demarcated in Moradabad; however, not many industries have come up there. That area can be utilized for e-waste management activities.



4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact

■ CENTRE FOR SCIENCE AND ENVIRONMENT

There are more than 2,000 registered brass units in operation in Moradabad. In the absence of any legal binding, there is a no-control situation that has bred hazardous working conditions as well as rampant child labour in the industry. The SPCB has suggested shifting the fuel in brass industries to LNG to reduce the emissions from the coal-fired furnaces that operate in every household in the middle of the city.

The declaration of an industrial area for brass works, with a safe working environment, needs to be ensured by the government. Authorities should give Moradabad recognition for its brass works and revive the market so that people can shift back from illegal e-waste handling. ■

V. Snapshots of e-waste dismantling and recycling in Moradabad and Bhojpur



A worker using blow torch/flame to loosen the soldering of a PCB, Bhojpur



Women engaged in dismantling and segregation of components from PCBs, Bhojpur





4.3 SWOT ANALYSIS: E-Waste Economy in Moradabad & Its Impact





**4.4 CONVERGENCE & PPP
(ABD & PAN CITY)**

4.4.2 AMRUT: State Annual Action Plan

(Moradabad Sewerage)

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Sewerage (AMRUT Guidelines; para 3 & 6). This will also include existing institutional framework for the sector. For this City has to review all policy, plans, scheme documents etc. to identify service level gaps and hold discussions with officials and citizens. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question.

Question: What kind of baseline information is available for sewerage system of the city? Detail out the data, information, plans, reports etc related to sewerage available with city? Is zone wise information available? Have you correlated your data with census 2011 data? (100 words)

We have collected the information from census 2011 data. As per census 2011 Moradabad city have the population of 8.83853 lacs & 154364 house hold.

	Location of source of drinking water Population	Total Number of Households	Total Number of Households with toilets
Total Population (Census, 2011)	Total Population -883853		
	Within the premises	145013	139897
	Near the premises	7409	5902
	Away	1942	1513
	Total	154364	147312
Departmental Data (2015)	Population-1060000	160319	139299

Waste water outlet connected	Close Drainage	Open Drainage	No Drainage
Number of HH	35116	115864	3384
Departmental Data	Number of HH Connected to sewerage network		Nil

4.4.2 AMRUT: State Annual Action Plan

What are existing service levels for sewerage for coverage of sewerage network services, efficiency of collection of sewerage and efficiency in treatment. Provide information in table

Table 2.1 : Status of sewerage network and Service Levels

Sr. No.	Indicators	Existing Service Level (in%)	MOUD Benchmark	Reliability
1	Coverage of latrines (individual or community) 139299/160319	86.88%	100%	D
2	Coverage of sewerage network services 159 KM/736 KM	21.60%	100%	D
3	Efficiency of collection of sewerage	Nil	100%	D
4	Efficiency in Treatment: Adequacy of sewerage treatment capacity	Nil	100%	D

Question: What is the gap in these service levels with regard to benchmarks prescribed by MoUD? (75 words)

As per above table it is clear that gap in service levels is as under:

1. Gap in coverage of latrines (individual or community) is 13.12%
2. Gap in coverage in sewerage network services is 78.4%
3. Gap in efficiency of collection of sewerage is 100%
4. Gap in efficiency in treatment: adequacy of sewerage treatment capacity is around 100%

Question: Does city has separate drainage system or sewer lines take care of storm water? (50 words)

City has drainage system to take care of storm water, but it is not sufficient and Encroachment, dumping of waste in to drains result in silting, overflowing and damage/failure of drainage system.

4.4.2 AMRUT: State Annual Action Plan

Coverage of latrines (individual or community), Please provide information in Table 2.2 A

Zone No.	Total number of HH (a)	Total number of HH with individual or community toilets within walking distance (b)	Coverage of latrines (%), (b/a)*100%
I	83853	78247	93.31%
II	23128	19476	84.21%
III	27265	21908	80.35%
IV	26073	19668	75.46%
Total	160319	139299	86.88%

SEWERAGE NETWORK AND COLLECTION OF SEWERAGE

Question: How much of the area of the city is covered by sewerage network? What is the status of household connections in each zone? What are the areas covered under septage? Provide information in Table

4.4.2 AMRUT: State Annual Action Plan

Table: Zone Wise Coverage of Households

Zone No.	Total No. of Households(HH) a	Households with Sewerage Network b	Coverage of sewerage network services (b/a)*100%
I	83853	0	0%
II	23128	0	0%
III	27265	0	0%
IV	26073	0	0%
Total	160319	0	0%

Question: Are there any areas where sewer lines have been laid but still households are not connected to sewer lines? Are there any areas where toilets may be connected to sewer lines but kitchen or bathroom waste are not connected to sewerage system? (75 words)

There are some areas where sewer lines have been laid but these are not functional at present. The Houses are not connected with sewer network laid till now.

Question: Is there any systematic and organized method to collect and treat waste from septic tanks? What is the duration of cleaning of septic tanks (monthly, quarterly, semiannually or annually)? Indicate status of overflows of septic tanks, either in the nearby drains /open fields/ sewerage lines etc? (75 words)

There is no organized method to collect and treat waste from septic tanks. In the city, some private vehicles in small or medium sizes mounted with suction pumps and tankers are available, which are used to clean the septic tanks of individual HH on demand and drain the collected waste into nearby nala. Septic tank overflow pipes are open into public drains.

Question: What is the situation of O&M of the existing sewerage system? Does the city has routine maintenance system or breakdown maintenance system? What is the duration of cleaning of sewer lines (monthly, quarterly, semiannually or annually)? Indicate infrastructure available for O&M of the sewerage system i.e sewer jetting machines etc? (100 words)

There is no existing sewer system in the city. Hence there is no question of O&M of the Sewerage system. At present 159 Kms. Sewer lines have been laid but these are not functional at present.

4.4.2 AMRUT: State Annual Action Plan

SEWAGE TREATMENT SYSTEM

Question: Does city has Sewage Treatment Plant (STP)? Which areas are covered under each of the STPs? Provide details in Table 2.3

Table 2.3: Status of Existings STPSs

Sr. No.	Location	Capacity (MLD)	Inflow in the STP (MLD)	Efficiency in %
1.	Gulab Bari at Moradabad	58	Ongoing	Ongoing

Question: Does decentralized waste treatment system exist or planned in the city? If yes, provide details (75 words)

Yes, decentralized waste treatment system in the shape of septic tanks exists and also planned in future. 58 MLD STP is under construction in sewerage zone- I and 17 MLD, 20 MLD and 19 MLD STPs are proposed in sewerage zone –II, III & IV respectively.

Question: How much of sewerage is generated in the city? How much of this sewerage generated reaches the STPs? What is the Biological Oxygen Demand (BOD) of incoming and outgoing sewage of each STP? (100 words)

114 MLD sewage generated in the city, under NGRBA one STP proposed and the capacity of STP is 58 MLD

Question: Is treated sewage being reused or recycled? Is treated water being used for irrigation or industrial purpose? Does the option of power generation being explored?

(75 words)

At present there is no STP exists in the city. One STP of 58MLD in under construction in Sewerage Zone-I.

INSTITUTIONAL FRAMEWORK

Question: Define role and responsibilities in terms of O&M, policy planning, funding, service provision in table

Table: 2.4: Functions, roles, and responsibilities

Planning and Design

Construction/ Implementation

O&M

Moradabad Municipal Corporation & UP Jal Nigam

Moradabad Municipal Corporation & UP Jal Nigam

Moradabad Municipal Corporation

4.4.2 AMRUT: State Annual Action Plan

Question: Please also detail that how city is planning to execute projects. Shall the implementation of project be done by Municipal Corporation or any parastatal body? (75 words)

Smaller projects like bridging the gaps/extension of branch sewer lines, domestic connection and rehabilitation of existing resources will be executed by Moradabad Municipal corporation and capital projects (construction of STP's, SPS,s MPS,s , laying of Sewerage Network etc.) will be implemented by UP Jal Nigam.

2. Bridge the Gap

Once the gap between the existing Service Levels is computed, based on initiatives undertaken in different ongoing programs and projects, objectives will be developed to bridge the gaps to achieve universal coverage. (AMRUT Guidelines; para 6.2 & 6.3, Annexure-2; Table 2.1). Each of the identified objectives will be evolved from the outcome of assessment and meeting the opportunity to bridge the gap.

Question: List out initiatives undertaken in different ongoing programs and projects to address these gaps. For this provide details of ongoing projects being carried out for sewerage system under different schemes with status and when the existing projects are scheduled to be completed? Provide information in Table

Table: Status of Ongoing/ Sanctioned

S.No.	Name of Project	Scheme Name	Cost in Rs. Crore	Month of Completion	Status (as on 31-10-2015)
1	Prevention of Pollution of River Ramganga at Moradabad Phase-I Sewer Line -264.25 Km IPS-9 nos. MPS-2 nos. STP 58 MLD-1 no.	Moradabad Sewerage scheme zone-I Under NGRBA	279.91	Oct. 2016	60% overall progress.

Question: How much the existing system will able to address the existing gap in sewerage system? Will completion of above will improve the coverage of network and collection efficiency? If yes, how much. (100 words)

About 40% Universal Coverage will be achieved after the completion of the above project.

Question: Does the city require additional infrastructure to improve the services? What kind of services will be required to fulfill the gap?

Yes, Moradabad city will required additional infrastructure to fulfill the gap like Universal Coverage through household connection, Laying of sewerage line in uncovered area, STP,

4.4.2 AMRUT: State Annual Action Plan

Question: How does the city visualize to take the challenge to rejuvenate the projects by changing their orientation, away from expensive asset replacement programs, to focusing on optimum use of existing assets?

- (a) Improving the efficiency of less efficient assets through refurbishment,
- (b) Removing bottleneck in the system,
- (c) Maximization in HH connection,
- (d) Automization,
- (e) Technological enhancement,
- (f) Capacity building of human resources through training programs,
- (g) Minimizing O&M cost and
- (h) Public awareness etc.

Provide information in Table 2.6

Table 2.6: Demand Gap Assessment

Component	2015			2021	
	Existing	Ongoing projects	Total	Demand	Gap
Sewerage network (km)	Nil	264.25 KM	264.25 KM	736.25 KM	472 KM
No of Households covered under sewerage system	Nil	87915 HH	87915 HH	233337 HH	145422 HH
Sewerage Treatment Plant (MLD)	Nil	58 MLD	58 MLD	114 MLD	56 MLD

Based on assessment of existing infrastructure and ongoing / sanctioned projects, calculate existing gaps and estimated demand by 2021 for sewerage network, number of household to be provided with connections, and required enhancement in capacity of STP (MLD), area to be covered under septage management. Based on the demand and gap assessment, evolve objectives to achieve bridging these gaps.

Question: Does each identified objectives will be evolved from the outcome of assessment? (75 words)

Following Objective are identified to bridge the gap

- a) Construction of individual / community latrines.
- b) To manage septage of un-served localities.
- c) To achieve the universal coverage of sewer network.
- d) To achieve 100% efficiency of collection of sewerage.
- e) To connect 100% individual and community latrine to sewer network.
- f) To achieve 100% treatment of sewerage collected.
- g) To achieve 90% efficiency in charges collection.

4.4.2 AMRUT: State Annual Action Plan

Question: Does each objective meet the opportunity to bridge the gap? (75 words)

Yes

3. EXAMINE ALTERNATIVES AND ESTIMATE COST

The objective will lead to explore and examine viable alternatives options available to address these gaps. These will include out of box approaches. (AMRUT Guidelines; Para 6.4 & 6.8 & 6.9). This will also include review of smart solutions. The cost estimate with broad source of funding will be explored for each alternative. While identifying the possible activities, also examine the ongoing scheme and its solutions including status of completion, coverage and improvement in O&M. Please reply following questions in not more than 200 words.

Question: What are the possible activities and source of funding for meeting out the objectives?

S.No.	Objective	Activities to be performed to bridge the gap	Cost (Cr.)	Source of Funding
1	To complete ongoing projects	Prevention of Pollution of River Ramganga At Moradabad Phase -I	155.87 Cr	NGRBA
2	Construction of individual/ community latrines	Construction of individual and community latrines	50 Cr	SBM
3	Universal Coverage	83853 Household connection with existing Sewer line 83853 x 20000	167.70 Cr	AMRUT
		Laying of Sewer line 472 KM in Un covered Area @ 1.1 Cr per Km	519.2 Cr	AMRUT
4	Collection	12 IPS @ 3 Cr per each 3 MPS @3 Cr per each	45 Cr	AMRUT
5	Treatment	56 MLD STP @1.34 Cr Per MLD	75.04 Cr	AMRUT
1	To achieve universal coverage	Decentralized waste Management for HH 76466 @6000 Rs Per HH	45.87 Cr	AMRUT
2	Collection	6 Jetting Machine @ 0.25 Cr Per Machine	1.5 Cr	AMRUT

Question: How can the activities be converged with other programmes like JICA/ ADB funded projects in the city etc?

Already city has converged with NGRBA

Question: What are the options of completing the ongoing activities?

Already project is ongoing and rest of the amount 155.87 Cr will be get through NGRBA and rest of the work will be completed Oct 2016.

4.4.2 AMRUT: State Annual Action Plan

Question: How to address the bottlenecks in the existing project and lessons learnt during implementation of these projects?

Land acquisition for Implementation of IPS is in process.
Mobilization of Public for Connection with existing Sewerage.
Lack of trained Staff

Question: Has projects includes O&M of sewerage system?

Under The DPR Operation and Maintenance cost also included for 5 Years.

Question: What measures may be adopted to recover the O&M costs? Can the option of sale of treated wastewater be applicable to recover the O&M cost.

It is proposed that O&M cost of under construction sewerage system be recovered through sewer tax charges on the users as well as electricity generation in STP's. The sale of the treated waste water and sale of digested sludge as manure to recover the O&M cost will also be explored after commissioning of the project .

Question: What are innovative alternative solutions explored in achieving objectives?

It will be done after commissioning the project.

Question: Are different options of PPP such as Design-build-Operate-Transfer (DBOT), Design Built Finance Operate and Transfer (DBFOT) are considered?

These options will be explored while framing the DPR of other 3 zones.

Question: How the recycle and reuse of water will be done? How much quantity of treated water may be reused?

We are exploring the option for recycle and reuse of treated waste water for irrigating nearby parks, and for agriculture purposes through existing canals etc.

Question: Have you analysed best practices and innovative solutions in sewerage sector? Is any of the practice be replicated in the city?

It will be done after commissioning the ongoing project of zone-I.

Question: Have you identified the areas for decentralized waste treatment system? Explore the approaches for septage management i.e People Public Private Partnership (PPPP) model or replacing septic tanks by bio-digesters, bioremediation etc.

Not identified any area.

4.4.2 AMRUT: State Annual Action Plan

4. Citizen Engagement

Each alternative will be discussed with citizens and activities to be taken up will be prioritized to meet the service level gaps. ULB will prioritize these activities and their scaling up based on the available resources. (AMRUT Guidelines; Para 6.6, 6.7 & 7.2). Please reply following questions in not more than 200 words.

Question: Has all stakeholders involved in the consultation?

Yes, all stakeholders is being involved in the consultation .
Discussion were held with citizen groups, with corporators and Hon'ble Mayor.

Question: Has ward/ zone level consultations held in the city?

Yes, ward/ zone level consultations is being held in the city on 02/11/15, 03/11/15 and 04/11/15.

Question: Has alternative proposed above are crowd sourced?

Yes, ward/zone level consultations is being held in the city . A meeting of the board held on 30/09/2015 and 10/10/2015.During the meetings Various options and projects to be initiated under AMRUT were discussed.

Question: What is feedback on the suggested alternatives and innovations?

Yes, Feedback are regularly taken from citizens and the feedback received are considered.

Question: Has alternative taken up for discussions are prioritized on the basis of consultations?

Yes, alternatives taken up for discussions are prioritized on the basis of consultation.

Question: What methodology adopted for prioritizing the alternatives?

Through departmental and public consultation

4.4.2 AMRUT: State Annual Action Plan

5. Prioritize Projects

Based on the citizen engagement, ULB will prioritize these activities and their scaling up based on the available resources to meet the respective objectives. While prioritizing projects, please reply following questions in not more than 200 words.

Question: What are sources of funds?

NGRBA/AMRUT/ State/ ULB/PPP/NamamiGange

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

Yes projects has converge with NGRBA

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

Yes, project has been prioritized based on “more with less” approach.

Question: Has the universal coverage approach indicated in AMRUT guidelines followed for prioritization of activities?

Yes

6. Conditionalities

Describe the Conditionalities of each project in terms of availability of land, environmental obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project. Please reply following questions in not more than 100 words.

Before the preparation of DPR availability of land, environmental obligation and clearances, required NOC, financial commitment, should be obtained.

7. Resilience

Required approvals will be sought from competent authority and organisations. The resilience factor would be built in to ensure environmentally sustainable sewerage scheme. Please reply following questions in not more than 100 words.

Environmental and Disaster related factor will be considered while preparation of DPR.

4.4.2 AMRUT: State Annual Action Plan

8. Financial Plan

Once the activities are finalized and prioritized after consultations, investments both in terms of capital cost and O&M cost has to be estimated. (AMRUT Guidelines; para 6.5) Based on the investment requirements, different sources of finance have to be identified. Financial Plan for the complete life cycle of the prioritized development will be prepared. (AMRUT Guidelines; para 4, 6.6, 6.12, 6.13 & 6.14). The financial plan will include percentage share of different stakeholders (Centre, State and City) including financial convergence with various ongoing projects. While preparing finance plan please reply following questions in not more than 200 words

Question: Does financial plan for the complete life cycle of the prioritized development?

Yes, financial plan has been done for the complete life cycle of the prioritized development.

Question: Does financial plan include percentage share of different stakeholders (Centre, State, ULBs and)

Yes, Financial plan include percentage share of different stakeholders (Centre, State and ULB)

Question: Does it include financial convergence with various ongoing projects.

Yes, it includes financial convergence with various ongoing projects.

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

Yes, year-wise milestones and outcomes have been provided.

4.4.2 AMRUT: State Annual Action Plan

S.No.	Objective	Project Name	Priority number	Year in which to be implemented	Year in which to be completed	Estimated Cost
1	Universal Coverage	83853 Household connection with existing Sewer line 83853 @20000Rs each	1	2017	2020	167.70 Cr
		Laying of Sewer line 472 KM in Uncovered Area @ 1.1 Cr per Km				519.2 Cr
2	Efficiency of collection of sewerage	12 IPS @ 3 Cr each 3 MPS @ 3 Cr each	2	2018	2020	45 Cr
3	Efficiency in Treatment: Adequacy of sewerage treatment capacity	56 MLD STP @1.34 Cr Per MLD	3	2017	2020	75.04 Cr
Total						806.94 Cr
1	Universal Coverage	Decentralized waste Management for HH 76466 @ 6000 Rs each		2017	2020	45.87 Cr
2	Efficiency of collection of sewerage	6 Jetting Machine @ 0.25 Cr per machine		2018	2020	1.5 Cr
Total						47.37 Cr

4.4.2 AMRUT: State Annual Action Plan

(As per Table 2.2 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	Objective	Project Name	Physical Components	Change in Service Levels			Estimated Cost
				Indicator	Existing (As-Is)	After (To-be)	
1	Universal Coverage	83853 Household connection with existing Sewer line 83853 @ 20000Rs each	83853 Household connection with existing Sewer line	100%	21.60%	100%	167.70 Cr
		Laying of Sewer line 472 KM in Un covered Area @ 1.1 Cr per Km	Laying of Sewer line 472 KM in Un covered Area				519.2 Cr
2	Efficiency of collection of sewerage	12 IPS @ 3 Cr each 3 MPS @ 3 Cr each	12 IPS and 3 MPS	100%	0%	100%	45 Cr
3	Efficiency in Treatment: Adequacy of sewerage treatment capacity	56 MLD STP @1.34 Cr Per MLD	56 MLD STP	100%	0%	100%	75.04 Cr
							806.94 Cr
1		Decentralized waste Management for HH 76466X 6000 Rs	Decentralized waste Management for HH 76466	100%	21.60%	100%	45.87 Cr
2		6 Jetting Machine X 0.25 Cr	6 Jetting Machine	100%	0%	100%	1.5 Cr
							47.37 Cr



4.4.2 AMRUT: State Annual Action Plan

Sr. No.	Objective	Projects	GOI	State+ULB			Convergence	others	Total
				14th FC	Others	Total			
1	Universal Coverage	83853 Household connection with existing Sewer line 83853 x 20000	50%	-	50%	50%	-	-	100%
		Laying of Sewer line 472 KM in Un covered Area @ 1.1 Cr per Km	50%	-	50%	50%	-	-	100%
2	Efficiency of collection of sewerage	12 IPS @ 3 Cr each 3 MPS @ 3 Cr each	50%	-	50%	50%	-	-	100%
3	Efficiency in Treatment: Adequacy of sewerage treatment capacity	56 MLD STP @1.34 Cr Per MLD	50%	-	50%	50%	-	-	100%
4	Universal Coverage & treatment	Decentralized waste Management for HH 76466X 6000 Rs	50%	-	50%	50%	-	-	100%
5	Efficiency of collection of sewerage	6 Jetting Machine @ 0.25 Cr per machine	50%	-	50%	50%	-	-	100%

4.4.2 AMRUT: State Annual Action Plan

TABLE-8.5: YEAR WISE PLAN FOR SERVICE LEVELS IMPROVEMENTS

(As per Table 2.5 of AMRUT guidelines)

S.No.	Objective	Proposed Projects	Project Cost	Indicator	Baseline	Annual Targets (Increment from the Baseline Value)						
						FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
						H 1	H 2					
1	Universal Coverage	83853 Household connection with existing Sewer line 83853 x 20000	167.70 Cr	100%	21.60%			35%	55%	75%	100%	
		Laying of Sewer line 472 KM in Un covered Area @1.1 Cr per Km	519.2 Cr									
2	Efficiency of collection of sewerage	12 IPS @ 3 Cr each 3 MPS @ 3 Cr each	45 Cr	100%	0%			35%	65%	100%		
	Efficiency in Treatment: Adequacy of sewerage treatment capacity	56 MLD STP @1.34 Cr Per MLD	75.04 Cr	100%	0%			30%	-	-	100%	
Total			806.94 Cr									
	Universal Coverage & treatment	Decentralized waste Management for HH 76466X 6000Rs	45.87 Cr	100%				35%	55%	75%	100%	
	Efficiency of collection of sewerage	6 Jetting Machine @ 0.25 Cr per machine	1.5 Cr	100%				35%	65%	100%		
Total			47.37 Cr									

4.4.2 AMRUT: State Annual Action Plan

Estimate for Sewer House Connection in Moradabad for Sewerage System General Abstract of cost (Civil)

S. No.	Description of work	Quantity	Amount (Rs. in Lacs)
1	2	3	4
1	Sewer House Connections	83853 No.	8710.42
2	Reinstatement of Road	528033.21 Sqm	5523.38
	Total		14233.80

Estimate for Sewer House Connection in Moradabad Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

S. No.	DESCRIPTION	Centage	Total	Central Share Half of col 4	State & ULB share Half of col 4
1	Cost of works		14233.80	7116.90	7116.90
2	Supervision charges	12.5%	1779.23	0.00	1779.23
3	Labour Cess	1%	142.34	71.17	71.17
	Grand Total		16155.36	7188.07	8967.29

अमृत मिशन के सम्बन्ध में प्रगति आख्या

अमृत योजना के अन्तर्गत परियोजनाओं के क्रियान्वयन हेतु निम्न विवरणानुसार प्रस्तावित धनराशि दी गयी है :-

क्र० सं०	परियोजना का नाम	प्रस्तावित धनराशि (रु० करोड में)
1	जलापूर्ति	28.75
2	सीवरज	80.00
3	पार्क :- 1. मधुवनी पार्क 2. गीतमबुद्धा पार्क 3. कम्पनी पार्क	4.91

- जलापूर्ति एवं सीवरज कार्य हेतु अधोहस्ताक्षरी ने उ०प्र० जलनिगम को पत्रांक सं० 1288/ज०क०/ न०नि०मु०/2015 दिनांक 4.1.2016 व 1299/ज०क०/न०नि०मु०/2015 दिनांक 15.1.2016 द्वारा डी०पी०आर० तैयार करने हेतु पत्र लिखा गया, जिसके अनुपालन में जलापूर्ति मद में उ०प्र० जलनिगम, मुरादाबाद द्वारा डी०पी०आर० तैयार कर ली गयी है जो अंकन 5662.05 लाख रुपये की है। डी०पी०आर० पर हस्ताक्षर कर उ०प्र० जलनिगम, मुरादाबाद को शासन में स्वीकृति हेतु भेज दिया गया है। पूर्व में SLIP में जलापूर्ति मद में उपरोक्त D.P.R. के अनुसार व्यय अनुमान का विवरण निम्नानुसार है :

4.4.2 AMRUT: State Annual Action Plan

कार्यालय, महापौर, नगर निगम, मुरादाबाद

पत्रांक 98 / विनियम / महापौर / नगर निगम / 2015

दिनांक 2-12-15

नगर आयुक्त
नगर निगम, मुरादाबाद

आमृत योजना के अन्तर्गत सर्विस लॉन्चिंग इम्प्रोवमेंट प्लान में निम्न पार्कों की सौन्दर्यकरण हेतु निम्नलिखित कार्य करा सदन की स्वीकृति की प्रत्याशा में अनुमोदित किये जाते हैं :-

1. महुवनी पार्क।

- बाथवे बनाने का कार्य
- बच्चों के झुले
- बैठने हेतु बेंचों का नाम
- साइलर लाईट लगाने का कार्य
- फुव्वारे का निर्माण

2. गीतम बुद्धा पार्क

- बाथवे बनाने का कार्य
- बच्चों के झुले
- बैठने हेतु बेंचों का नाम
- साइलर लाईट लगाने का कार्य

3. कामनीबाग पार्क

- फुव्वारे एवं पार्क में सौन्दर्यकरण का कार्य
- बच्चों के झुले
- बैठने हेतु बेंचों का नाम
- साइलर लाईट लगाने का कार्य



(Signature)
महापौर
नगर निगम, मुरादाबाद

4.4.2 AMRUT: State Annual Action Plan

नगर निगम मुरादाबाद।

अटल नवीकरण और शहरी रूपान्तरण मिशन (AMRUT) अमृत के अन्तर्गत पार्कों की योजना

वित्तीय वर्ष 2015-16

कृपया ध्यान दें: कार्यालय पत्रांक 40/एसटी(शि)/न030/न0नि0मु0/2016 दिनांक 20.05.2016 का सन्दर्भ ग्रहण करने का कष्ट करें। दिनांक दिनांक 24.05.2016 को आहूत बैठक/वीडियो कॉन्फ्रेंसिंग में प्रारंभिक चिन्ने जाने हेतु निर्माण विभाग से सम्बन्धित बनाई गये अमृत योजना का प्रस्ताव की सूचना निम्नवत है -

1. वित्तीय वर्ष 2015-16 अमृत योजना के अन्तर्गत स्थलनगर के 06 पार्कों को भव्यता कर पार्कों का सुदृढीकरण कर पार्कों में बच्चों के लिए झूले बेंच, फव्वारे एवं फव्वारे आदि लगाने एवं वित्त वर्ष तक रख रखाव हेतु अस्तमित अनुदाशि लागत 499.48 लाख रुपये की डी0पी0आर0 बनायी गयी है तथा नगर एवं पर्यावरण लेखनक के पत्रांक 481/एकी-24/2015-16 दिनांक 29.03.2016 के क्रम में इस कार्यालय से पत्रांक 87/पी0ए0-2/मु0अभि0/न0नि0मु0/2015-16 दिनांक 18.05.2016 के द्वारा अपर निर्देशक क्षेत्रीय नगर एवं पर्यावरण अध्यायन केंद्र लेखनक को प्रेषित किया जा चुका है तथा इसकी प्रतिलिपि सखि नगर विख्यात उ0अ लेखनक एवं मिशन निर्देशक नगर विख्यात निर्देशालय लेखनक को प्रेषित की गई है। पार्कों विवरण निम्नवत है -

1. मजुनी पार्क
2. नौतम बुढ़ा पार्क
3. कम्पनी बाग पार्क
4. रामलंगा विहार प्रथम में (जैन मन्दिर पार्क) एवं शिव पार्क एवं ए ब्लॉक का पार्क
5. आर्यभट्टा प्रथम में पीपल चौरा पार्क
6. दीनदयाल नगर में ए0एल0 ब्लॉक पार्क

वित्तीय वर्ष 2016-17

वित्तीय वर्ष 2016-17 अमृत योजना के अन्तर्गत स्थलनगर के 12 पार्कों को भव्यता कर पार्कों का सुदृढीकरण कर पार्कों में बच्चों के लिए झूले बेंच, फव्वारे एवं फव्वारे आदि लगाने एवं वित्त वर्ष तक रख रखाव हेतु अस्तमित अनुदाशि लागत 787.20 लाख रुपये की डी0पी0आर0 बनायी गयी है तथा नगर एवं पर्यावरण लेखनक के पत्रांक 481/एकी-24/2015-16 दिनांक 29.03.2016 के क्रम में इस कार्यालय से पत्रांक 88/पी0ए0-2/मु0अभि0/न0नि0मु0/2015-16 दिनांक 18.05.2016 के द्वारा अपर निर्देशक क्षेत्रीय नगर एवं पर्यावरण अध्यायन केंद्र लेखनक को प्रेषित किया जा चुका है तथा इसकी प्रतिलिपि सखि नगर विख्यात उ0अ लेखनक एवं मिशन निर्देशक नगर विख्यात निर्देशालय लेखनक को प्रेषित की गई है। पार्कों विवरण निम्नवत है -

1. पी0टी0एस पार्क सिमित लखनवा
2. मेन पार्क नवीन नगर
3. पॉम्बल नगला पार्क बार्ड न-03
4. विहार पार्क विहार कालीनी
5. अज्जद नगर पार्क बार्ड न-03
6. भर्षेश पार्क बुद्धि विहार
7. बुद्धि विहार गायत्री पार्क
8. बुद्धि विहार मकान न-बी
9. काली मन्दिर पार्क बार्ड न-03
10. अज्जद पार्क बार्ड न-12
11. कितानी पार्क लखनवा नगर पार्क
12. लला मन्दिर पार्क

3. अमृत योजना के अन्तर्गत स्थलनगर के नए एवं प्राचिन हेतु प्रस्ताव बनाये हेतु कन्वल्सटेंट की विदुषिपि शीघ्र पार्कों प्रस्ताव प्रस्तुत कर दिये जायेगा।

4.4.2 AMRUT: State Annual Action Plan

TABLE B.2 DETAILS OF PRIORITIZED PROJECT PROPOSED UNDER AMRUT DURING FINANCIAL YEAR 2015-6

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

Sr. No.	Project Name	Physical Components	Change in Service Levels	Estimate Cost (Lac)
1	Madhubani Park Kanth Road Area -6000 Sq.M	Plantations work		655607.06
		Landscaping work		845875.00
		Pathways		481500.00
		Water Bodys		520300.00
		Play equipments		599710.00
		Pumps		396181.00
		Solar Light of led		795000.00
		Hues		505220.00
		Stachus		175000.00
				Total
	and 10% for five years Maintenance		527539.31	
		Say	5803150.00	
2	Gautam buddha Prk in kashiram nagar	Plantations work		412660.75
		Landscaping work		872892.50
		Pathways		758600.00
		Water Bodys		520300.00
		Play equipments		430063.00
		Pumps		396181.00
		Solar Light of led		265000.00
		Hues		260500.00
		Stachus		175000.00
				Total
	and 10% for five years Maintenance		409119.725	
		Say	4500350.00	

4.4.2 AMRUT: State Annual Action Plan

3	Company bag parks in Civil Lines	Plantations work		1001976.56
		Musical Fountain		2058237.00
		Pathways and Boundary wall		4312900.00
		Landscaping work		2718738.20
		Water Body		2081200.00
		Play Equipments		3767002.00
		Sprinkler System		1228200.00
		Submersible Pumps		792362.00
		High Mast Light		932000.00
		Flag Mast		932000.00
		Solar Light of LED		2385000.00
		Huts		1400000.00
		Stairs		1875000.00
		and 05% of five years Maintenance		1399395.78
			Total	29387311.55
			Say	29387400.00
4.	Shiv Park.	Plantations work		393369.75
5.	Jain Mandir			
6.	Park, A- Block park, Ramganga Vihar and Al Block Park and Deendayal Nagar Park			
		Landscaping work		1361884.00
		Pathways		1355500.00
		Water Bodys		520300.00
		Play equipments		2580378.00
		Pumps		396181.00
		Solar Light of led		1006000.00
		Huts		405000.00
			Total	8052612.76
		and 10% for five years Maintenance		805261.275
			Say	8857880.00
			G.Total	499.48 Cr



4.4.2 AMRUT: State Annual Action Plan

TABLE B.2 DETAILS OF PRIORITIZED PROJECT PROPOSED UNDER AMRUT DURING FINANCIAL YEAR 2016-17

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

Project Name	Physical Components	Change in Service Levels		Estimate Cost
		Per Person	open space	
2.1.5 Park, Civil Lines (Area 2964 Sq.M)	Paved pathways (250 sq.M) Aprx 1200/- Per Sq.M	Per Person	open space	0.03 Cr
	Child-Friendly equipments (5 Jhula @ Rs. 19000/-)			0.01 Cr
	Steel Bench in a park (15 Bench @ 12000/- Each)			0.18 Cr
	Solar Light - 10 (3.80 lakh Each)			0.38 Cr
	Fountain -1 (5 Lacks Each)			0.05 Cr
	Boundary wall Work 310 mts @ 6500			0.20 Cr
				0.73 Cr
State Park Naria Nagar (Area 2000 Sq.M)	Paved pathways (350 sq.M) Aprx 1200/- Per Sq.M	Per Person	open space	0.042 Cr
	Child-Friendly equipments (4 Jhula @ Rs. 19000/-)			0.076 Cr
	Steel Bench in a park (08 Bench @ 12000/- Each)			0.096 Cr
	Solar Light - 02 (3.80 lakh Each)			0.076 Cr
	Fountain -1 (5 Lacks Each)			0.05 Cr
	Boundary wall Work 85 mts @ 6500			0.055 Cr
				0.3086 Cr



4.4.2 AMRUT: State Annual Action Plan

2.	Health/Nagar Park W.No-03 (Area -3200 Sq.M)	Paved pathways (320 sq.M) Aprx 1200/- Per Sq.M	Per Person open space		0.0384 Cr
		Child-Friendly equipment's (05 Bunk @ Rs. 19000 /-)			0.95 Cr
		Steel Bench in a park (12 Bench) @ 12000/- Each)			0.6144 Cr
		Solar Light -02 (3.80 lakh Each)			0.076 Cr
		Fountain -1 (5 Lacks Each)			0.05 Cr
		Boundary wall Work 230 ms @ 6500			0.15 Cr
			0.34 Cr		4.14 Cr
4.	Jigar Park Jigar Colony (Area -4600 Sq.M)	Paved pathways (1500 sq.M) Aprx 1200/- Per Sq.M	Per Person open space		2.14 Cr
		Child-Friendly equipment's (10 Bunk @ Rs. 19000 /-)			0.019 Cr
		Steel Bench in a park (20 Bench) @ 12000/- Each)			0.124 Cr
		Solar Light -06 (3.80 lakh Each)			0.228 Cr
		Fountain -1 (5 Lacks Each)			0.05 Cr
		Boundary wall Work 523 ms @ 6500			0.342 Cr
			0.843 Cr		0.843 Cr
3.	Abul Kalam Park W.No-01 (Area 12000 Sq.M)	Paved pathways (2000 sq.M) Aprx 1200/- Per Sq.M	Per Person open space 0200 sq.M		2.4 Cr
		Child-Friendly equipment's (16 Bunk @ Rs. 19000 /-)			0.304 Cr
		Steel Bench in a park (40 Bench) @ 12000/- Each)			0.48 Cr
		Solar Light -04 (3.80 lakh Each)			0.152 Cr
		Fountain -1 (5 Lacks Each)			0.05 Cr
		Boundary wall Work 600 ms @ 6500			0.39 Cr
			0.9804 Cr		0.9804 Cr

4.4.3 AMRUT: Service Level Implementation Plan

NAME OF ULB- MORADABAD

SECTOR WISE SLIP TEMPLATE: WATER SUPPLY

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Water Supply (AMRUT Guidelines: para 3 & 6). This will also include existing institutional framework for the sector. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question

- What kind of baseline information is available for water supply system of the city? Detail out the data, information, plans, reports etc related to sector. Is zone wise information available? (75 words)

Master Plan Of Moradabad with MD& ,DPR related to water supply is available with Jal Nigam and Nagar Nigam Moradabad and other data with water supply is with Nagar Nigam.

Yes Zone wise information is available with Nagar Nigam.

- Have you collected census 2011 data? Are you aware of baseline survey data of MoUD? Have you correlated data from these and other sources? (75 words)

Yes we have collected and correlated the information from census 2011 data. The details of which are as under:

Area Name	Source Of Information	Location of source of drinking water	Total Number of Households	Tapwater from treated source
Moradabad	As per census 2011 available	Total Population = 8,83,853		
		Total Households	1,54,364	72,307
		Within the premises	145011	69188
		Near the premises	7,409	2,354

4.4.3 AMRUT: Service Level Implementation Plan

	Away	1,942	765
Departmental Data of NPP RBL	Total Population(2015)	1060000	
	Total Households	160319 ✓	86097 ✓
	Near the premises		62822

- What are existing service levels for water supply in the city? What is the coverage of water supply connections? What is per capita supply of water? How much is the extent of metering? How much is non-revenue water? Provide information in table 1.1

Table 1.1 Status of Water Supply service levels

Sl. No.	Parameter	Present Status	MoUD Benchmark	Reliability
1	Coverage of water supply connections	54	100%	D
2	Per capita supply of water with NRW 165 MLD/c .883	186	135 LPCD	D
3	Extent of metering of water connections	0	100%	D
4	Extent of non-revenue water	50 ✓	20%	D
5	Quality of water supplied	100	100%	D
6	Cost recovery in water supply services	70	100%	D
7	Efficiency in collection of water supply related charges	70	90%	D

What is the gap in these service levels with regard to benchmarks prescribed by MoUD?(75 words)

The service level gaps are as under:
1. Gap in coverage of water supply is 46%



4.4.3 AMRUT: Service Level Implementation Plan

2. Gap in Per capita water availability is about 0 LPCD.
3. Gap in Metering is 100%.
4. NRW is about 30% which include leakage and free water supply to social gathering festivals along with water supply through stand posts.
5. No gap in Quality of supplied water as per PHE norms.
6. Gap in Cost recovery is 30% with expenditure on electricity and power.
7. Gap in efficiency of water charges/tax collection is about 20% .

Source of Water and Water Treatment System

Please provide information in 150 words on the above responding to (however not limited to) following questions.

- What is the existing source of water? Is it surface water source or underground water source? What is the capacity of these sources?

• **Ground Water -80 Tube wells-Avg. Discharge- 2000LPM-Total -----165 MLD**

- Is there any treatment provided to water from these sources? How much water is required to be treated daily? What is the treatment capacity installed in the city?

• **Chlorination is provided 100% hence the treatment capacity comes to-165MLD**

- What per capita water supply in LPCD (liter per capita per day) comes out, if you divide total water supply by the total population

• **Per Capita watersupply= $165 / 883 = 186.86$ LPCD with NRW**

Distribution Zones

Please provide information in 150 words on the above responding to (however not limited to) following questions.

- City is divided in how many zones for water supply ?

• **Yes Divided in 26 Zones.**

- Provide details of total no of Households (HH) in each zone, no of HH with and without water tap connections in the Table 1.2

Table 1.2: Zone Wise Coverage of Households

Zone/ Ward/ Mohalla No	Total No of Households in each Zone/ Ward/ Mohalla	Households with water tap Connection in each Zone/ Ward/ Mohalla	Household without water tap connection in each Zone/ Ward/ Mohalla
1	24636 HH	20500 HH	4136 HH
11	16735 HH	8000 HH	8735 HH
111	24638 HH	18000 HH	6638 HH

4.4.3 AMRUT: Service Level Implementation Plan

Zone/ Ward/ Mohalla No	Total No of Households in each Zone/ Ward/ Mohalla	Households with water tap Connection in each Zone/ Ward/ Mohalla	Household without water tap connection in each Zone/ Ward/ Mohalla
IV	23218 HH	6500 HH	16718 HH
VA	12228 HH	5300 HH	6928 HH
VB	10335 HH	4600 HH	5535 HH
V1A	4201 HH	2501 HH	1700 HH
V1B	1518 HH	740 HH	778 HH
V11A	1500 HH	500 HH	1000 HH
V11B	807 HH	200 HH	607 HH
V11C	1879 HH	866 HH	1013 HH
V111	7502 HH	2310 HH	5292 HH
1XA	4100 HH	2500 HH	1600 HH
1XB	3343 HH	3000 HH	343 HH
1XC	1581 HH	1100 HH	481 HH
1XD	5800 HH	3000 HH	2500 HH
1XE	2400 HH	1000 HH	1100 HH
1XF	1200 HH	750 HH	450 HH
1XG1	800 HH	200 HH	600 HH
1XG2	700 HH	350 HH	350 HH
XA1	1600 HH	890 HH	710 HH
XA2	1843 HH	890 HH	1759 HH
XB	2885 HH	400 HH	2485 HH
XC	3049 HH	700 HH	2349 HH
XD	1008 HH	400 HH	608 HH
XE	1008 HH	300 HH	708 HH
Total	160319HH	85197HH	75122HH

Storage of Water

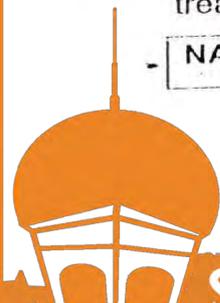
Please provide information in 150 words on the above responding to (however not limited to) following questions.

- What is the total water storage capacity in the city? What is capacity of elevated and ground water reservoirs?

Total Water Storage Capacity- 72.15 MLD	
Elevated Water Reservoirs-----43Nos-----	Total capacity-----72.15 ML
Ground Water Reservoir-----2Nos-----	capacity ---10 ML

- In case of surface water, does city need to have ground level reservoirs to store raw treated water?

NA



4.4.3 AMRUT: Service Level Implementation Plan

- Is water being supplied to consumers through direct pumping or through elevated reservoirs?

Water is supplied to consumers through direct pumping and elevated reservoir both.

- Is storage capacity sufficient to meet the cities demand ?

Yes, capacity is sufficient.

Distribution Network

Please provide information in 150 words on the above responding to (however not limited to) following questions.

- What is the total length of water supply distribution pipe line laid in the city?

Total Length of distribution line is 746.00 KM (which includes rising main and feeder main)

- What is the total road length in the city? Is the pipe lines are laid in all streets? Is the objective of universal coverage of water supply pipe line is achieved?

Total road length-----726.00 KM.No the objective of universal coverage is not achieved. 67 KM streets are not having pipelines in the city, which is required to be laid.

- What are the kind of pipe materials used in distribution lines ?

P.V.C., C.I., A.C. Pipe materials are being used.

- Provide zone wise details of street length with and without water distribution lines in the Table 1.3.

Table 1.3: Zone Wise length of distribution network

Zone	With Water Distribution Lines (KM)	Without Water Distribution Lines (KM)	Total (KM)
I	110.72 KM	106.81 KM	3.81 KM
II	87.190 KM	82.430 KM	1.76 KM
III	83.152 KM	80 KM	3.152 KM
IV	80.178 KM	70 KM	5.178 KM
VA	37.4625 KM	15 KM	2.4625 KM
VB	76.19066 KM	75 KM	1.19066 KM
VIA	16.046 KM	14 KM	2.046 KM
VIB	26 KM	22 KM	4 KM

4.4.3 AMRUT: Service Level Implementation Plan

Implementation of the project shall be jointly by Municipal Corporation as well as State Level Parastatal Agency U.P. Jal Nigam. Nagar Nigam Moradabad will follow the para 0.1 of the AMRUT Guidelines while execution of the project.

2. Bridge the Gap

Once the gap between the existing Service Levels is computed, based on Initiatives undertaken in different ongoing programs and projects, objectives will be developed to bridge the gaps to achieve universal coverage. (AMRUT Guidelines; para 6.2 & 6.3, Annexure-2; Table 2.1). Each of the identified objectives will be evolved from the outcome of assessment and meeting the opportunity to bridge the gap.

- List out initiatives undertaken in different ongoing programs and projects to address these gaps. For this provide details of ongoing projects being carried out for sector under different schemes with status and when the existing projects are scheduled to be completed? Provide information in Table 1.4

Table 1.4: Status of Ongoing/ Sanctioned NA

1	NA	NA	NA	NA	NA
---	----	----	----	----	----

- How much the existing system will able to address the existing gap in water supply system? Will completion of above will improve the coverage of network and collection efficiency? If yes, how much. (100 words)

NA

- Does the city require additional infrastructure to improve the services? What kind of services will be required to fulfill the gap?

Yes , City require extension of pipe line for universal coverage and replacement of old pipe line and creation of water supply district for NRW.



4.4.3 AMRUT: Service Level Implementation Plan

Category	UP Jal Nigam & ULB	ULB
VIIA	21 KM	6 KM
VIIIB	11.44675 KM	1.9467 KM
VIIIC	11.476 KM	1.976 KM
VIII	32.705 KM	2.705 KM
IXA	19 KM	4 KM
IXB	27.8697 KM	2.3697 KM
IXC	11.765 KM	3.765 KM
IXD	8.433 KM	2.433 KM
IXE	4.66429 KM	1.34029 KM
IXF	4.66429 KM	1.34029 KM
IXG1	4.66429 KM	1.34029 KM
IXG2	4.66429 KM	1.34029 KM
XA1	4.66429 KM	1.34029 KM
XA2	4.11555 KM	0.79155 KM
XB	13.523 KM	5.523 KM
XC	5.850 KM	1.350 KM
XD	10.9675 KM	1.9675 KM
XE	10.9675 KM	1.9675 KM
Total	726.27961 KM	67.09561 KM
Say	726.00 KM	67.00 KM

Institutional Framework

Please provide information in 150 words or the above responding to (however not limited to) following questions.

- Define role and responsibilities in terms of O&M, policy planning, funding, service provision in table 1.4.

Table 1.4: Functions, roles, and responsibilities

UP Jal Nigam & ULB	UP Jal Nigam & ULB	ULB
--------------------	--------------------	-----

- How city is planning to execute projects?

The work related to achievement of universal coverage shall be done by Nagar Nigam Moradabad. wh leactivities related to making the water supply system more efficient will be executed by UP Jal Nigam.

- Shall the implementation of project be done by Municipal Corporation or any parastatal body? Please refer para 8.1 of AMRUT guidelines

4.4.3 AMRUT: Service Level Implementation Plan

- How does the city visualize to take the challenge to rejuvenate the projects by changing their orientation, away from expensive asset replacement programs, to focusing on optimum use of existing assets?

Earlier programme there was no focus on increasing the coverage. By changing the orientation our focus is to enhance the connection through regularizing unauthorized connection, motivation to citizens to take connection for optimizing the existing asset.

- Has city conducted assessment of Non Revenue Water ?if yes, what is the NRW level? Is city planning to reduce NRW ?

No, NRW Level 50%. Yes city is planning to reduce NRW in AMRUT.

- Based on assessment of existing infrastructure and ongoing / sanctioned projects, calculate existing gaps and estimated demand by 2021 for water supply pipe network, number of household to be provided with tap connections, and required enhancement in capacity of water source/ treatment plant (MLD). Gaps in water supply service levels be provided as per Table 1.5.

Table 1.5 . Demand Gap Assessment for Water Supply Sector

	2017	2018	2019	2021	Gap
Source (MLD)	165	0	165 MLD	142 MLD	-
Ground	MLD		165 MLD	142 MLD	-
Treatment capacity(MLD)	165	0	165 MLD	142 MLD	-
Elevated Storage capacity (MLD)	72 ML	0	72 ML	48 ML	-
Distribution network coverage (KM)	654 KM	0	654 KM	726 KM	72 KM

Objectives

Based on above, objectives will be developed to bridge the gaps to achieve universal coverage. While developing objectives following question shall be responded so as to arrive at appropriate objective.

- Does each identified objectives will be evolved from the outcome of assessment?



4.4.3 AMRUT: Service Level Implementation Plan

Objects are identified from the gap and these objectives will be evolved from the outcome of the assessment. Details are given in below table

- Does each objective meet the opportunity to bridge the gap?

yes

Objectives	Activities to be performed to bridge the gap
TO ACHIEVE UNIVERSAL COVERAGE	ILLEGAL CONNECTIONS ETC- AMRUT A&OE
	GAP IN EXISTING WATER SUPPLY NETWORK WITH HOUSEHOLD CONNECTIONS
	EXPANSION OF WATER SUPPLY DISTRIBUTION NETWORK WITH HOUSEHOLD CONNECTION IN UNCOVERED POCKETS
TO MAKE SYSTEM EFFICIENT BY NRW REDUCTION	
	LEAKAGE DETECTION AND ITS REMOVAL
	REPLACEMENT OF OLD LINES (DAMAGED, LEAKED, DEFUNDED, CHOCKED, SLUICE VALVE ETC) WITH HOUSE HOLD CONNECTION
	WATER SUPPLY ZONING OF SERVICE AREA .

Please provide List out objectives to meet the gap in not more than 100 words.

3. Examine Alternatives and Estimate Cost

The objective will lead to explore and examine viable alternatives options available to address these gaps. These will include out of box approaches. (AMRUT Guidelines; Para 6.4 & 6.8 & 6.9). This will also include review of smart solutions. The cost estimate with broad source of funding will be explored for each. While identifying the possible activities, also examine the ongoing scheme and its solutions including status of completion, coverage and improvement in O&M. Please provide information on the above responding to (however not limited to) following questions.

- What are the possible activities and source of funding for meeting out the objectives? (75 words)

Above information provided in the below table

- How can the activities be converged with other programme like JICA/ ADB funded projects in the city etc? (100 words)

4.4.3 AMRUT: Service Level Implementation Plan

At present, there is no ongoing project in the city

- What are the options of completing the ongoing activities? (75 words)

NA

- What are the lessons learnt during implementation of similar projects? (100 words)

In earlier UIDSSMT project, the was focus on increasing the Infrastructure and less effort has been made to enhance service levels.

- Have you analysed best practices and innovative solutions in sector? Is any of the practice be replicated in the city? (75 words)

Yes We have analyzed best practices in automation of Tube wells and this activity already executed by Nagar Nigam with own resources recently.

- What measures may be adopted to recover the O&M costs?(100 words)

Regularize of illegal connection, enhancement of coverage area, house hold connections and use of ICT in collection of tax/charges

- Whether reduction in O&M cost by addressing NRW levels be applied?(75 words)

yes, leakage detection and its removal, replacement of old lines (damaged, leaked, defurged, choked, sluice valve etc) with house hold connection, water supply zoning of service area , automisation of tube well through SCADA

- Are different options of PPP such as Design-build-Operate-Transfer (DBOT), Design Built Finance Operate and Transfer (DBFOT) are considered? (100 words)

PPP option was explored by Nagar Nigam in SWM, while in water supply no such option has been explored as yet. These options will be explored while framing the DPR.

The alternative activities to meet these activities be defined as per Table 1.6

Table 1.6 Alternative Activities to Meet Objectives

4.4.3 AMRUT: Service Level Implementation Plan

Objectives	Activities to be performed to bridge the gap	Financing Source	Project Cost
TO ACHIEVE UNIVERSAL COVERAGE	ASSESSMENT FOR AUTHORISED /ILLEGAL CONNECTIONS AND UPTAPPED/SUBMERSIBLE HOUSE HOLD, GAP IN EXISTING WATER SUPPLY NETWORK WITH HOUSEHOLD CONNECTIONS and EXPANSION OF WATER SUPPLY DISTRIBUTION NETWORK WITH HOUSEHOLD CONNECTION IN UNCOVERED POCKETS	AMRUT/EC	28.75 Cr
TO MAKE SYSTEM EFFICIENT BY NRW REDUCTION	LEAKAGE DETECTION AND ITS REMOVAL, REPLACEMENT OF OLD LINES (DAMAGED,LEAKED, DEFUNDED, CHOCKED,SLUICE VALVE ETC) WITH HOUSE HOLD CONNECTION and WATER SUPPLY ZONING OF SERVICE AREA .	AMRUT/State/ULB	20.00 Cr
	Total		48.75 cr

4. Citizen Engagement

ULBs will organize and conduct city level citizen consultation and receive feedback on the suggested alternatives and innovations. Each alternative will be discussed with citizens and activities to be taken up will be prioritized to meet the service level gaps. ULB will prioritize these activities and their scaling up based on the available resources. (AMRUT Guidelines; Para 6.6, 6.7 & 7.2). Please explain following questions in not more than 200 words detailing out the needs, aspirations and wishes of the local people.

- Has all stakeholders involved in the consultation?

Yes, all stakeholders is being involved in the consultation

Discussion were held with citizen groups, with corporators and Hon'ble Mayor.

- Has ward/ zone level consultations held in the city?

Yes, ward/ zone level consultations is being held in the city. A Meeting of the Board was held on 30/09/2015 and 10/10/2015. During the meetings various options and projects to be initiated under AMRUT were discussed .

- Has alternative proposed above are crowd sourced?

No alternatives proposed above are not crowd sourced. But Nagar Nigam has planned for inviting the suggestions from citizens through newspaper, website and face book.

- What is feedback on the suggested alternatives and innovations?

4.4.3 AMRUT: Service Level Implementation Plan

Yes, Feedback are regularly taken from citizens and the feedback received are considered.

- Has alternative taken up for discussions are prioritized on the basis of consultations?

Yes, alternatives taken up for discussions are prioritized on the basis of consultation

- What methodology adopted for prioritizing the alternatives?

Through departmental and public consultation.

5. Prioritize Projects

Based on the citizen engagement, ULB will prioritize these activities and their scaling up based on the available resources to meet the respective objectives. While prioritizing projects, please reply following questions in not more than 200 words.

- What are sources of funds?

AMRUT/State/ULB Funds

- Has projects been converged with other program and schemes?

Yes

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

Yes

- Has the universal coverage approach indicated in AMRUT guidelines followed for prioritization of activities?

Yes

6. Conditionalities

Describe in not more than 300 words the Conditionalities of each project in terms of availability of land, environmental obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project.

A) For increasing universal coverage the ULB does not require any NOC/land/ environmental clearance.

B) Also for leakage detection and its removal, replacement of old lines (damaged, leaked, defanged, choked, sluice valve etc) with house hold connection, water supply zoning of service area no need of land/environmental clearance and NOC.

4.4.3 AMRUT: Service Level Implementation Plan

6. Resilience

Required approvals will be sought from ULBs and competent authority and resilience factor would be built in to ensure environmentally sustainable water supply scheme. Describe in not more than 300 words regarding resilience built in the proposals.

Disaster and environmental Resilience related factor will be considered while preparation of DPR.

7. Financial Plan

Once the activities are finalized and prioritized after consultations, investments both in terms of capital cost and O&M cost has to be estimated. (AMRUT Guidelines; para 6.5) Based on the investment requirements, different sources of finance have to be identified. Financial Plan for the complete life cycle of the prioritized development will be prepared. (AMRUT Guidelines; para 4, 6.6, 6.12, 6.13 & 6.14). The financial plan will include percentage share of different stakeholders (Centre, State and City) including financial convergence with various ongoing projects. While preparing finance plan please reply following questions in not more than 250 words

- How the proposed finance plan is structured for transforming and creating infrastructure projects?

As per the guidelines of the AMRUT, the structured plan of the project has been developed.

- list of individual projects which is being financed by various stakeholders ?

These projects will be financed by GOI, State and ULB

- Has financial plan prepared for identified projects based on financial convergence and consultation with funding partners?

Yes, financial plan prepared for identified projects are based on financial convergence and consultation with funding partners.

- Is the proposed financial structure is sustainable? If so then whether project has been categorized based on financial considerations ?

Yes, the proposed financial structure is sustainable and project has been categorized based on financial considerations.

- Have the financial assumptions been listed out ?

Yes, as per guidelines of AMRUT 50% funding has been proposed through GOI and remaining funds will be provided by State and ULB.

4.4.3 AMRUT: Service Level Implementation Plan

- does financial plan for the complete life cycle of the prioritized development?

Yes, financial plan has been done for the complete life cycle of the prioritized development

- Does financial plan include percentage share of different stakeholders (Centre, State, ULBs and)

Yes, financial plan include percentage share of different stakeholders (Centre, State and ULB)

- Does it include financial convergence with various ongoing projects.

The financial convergence has not been considered as yet.

- Does it provide year-wise milestones and outcomes ?

Yes, year-wise milestones and outcomes have been provided.

Details in financial plan shall be provided as per Table 1.7,1.8,1.9,1.10 and 1.11. These tables are based on AMRUT guidelines tables 2.1, 2.2, 2.3.1, 2.3.2, and 2.5.

4.4.5 UPPCB: Air Quality Monitoring Centre

क्षेत्रीय कार्यालय,
उ०प्र० प्रदूषण नियंत्रण बोर्ड,
मुरादाबाद।

संदर्भ संख्या-...../...../.....

दिनांक: 28.05.2016

सेवा में,

नगर आयुक्त,
नगर निगम,
मुरादाबाद।

विषय: स्मार्ट सिटी प्लान तैयार किये जाने हेतु सूचनाओं के प्रेषण के संबंध में।

गहोदय,

कृपया उपरोक्त विषयक अर्पित पत्रांक-42 रि./एत.टी./न.आ./न.नि.मु./2016, दिनांक- 28.05.2016 का संदर्भ ग्रहण करने का कष्ट करें। उक्त के संबंध में आम द्वारा वाही नयी सूचनाये विन्दुवार निम्नवत् हैं:-

विन्दु संख्या 1:- मुरादाबाद शहर में 02 स्थलों पर परिवेशीय वायु गुणता अनुश्रवण केंद्र क्रमशः हिन्दु कालेज, बुद्ध बाजार (व्यवसायिक क्षेत्र) तथा पी.टी.सी., सिविल लाईन्स (अवसायीय क्षेत्र) में स्थापित है।

विन्दु संख्या 2:- शहर में अन्य 05 स्थानों पर परिवेशीय वायु गुणता अनुश्रवण केंद्रों की स्थापना की आवश्यकता है। सम्भावित स्थापना स्थल निम्नानुसार हैं:-

A. हरथला औद्योगिक क्षेत्र, काँठ रोड (औद्योगिक क्षेत्र)।	F. बंगला गॉज (मिश्रित क्षेत्र)।
B. पीतल बरती, रामपुर रोड (औद्योगिक क्षेत्र)।	G. रामगंगा विहार कालोनी (अवसायीय क्षेत्र)।
C. लाकड़ी फाजलपुर, दिल्ली रोड (औद्योगिक क्षेत्र)।	H. मानसरोवर कालोनी (अवसायीय क्षेत्र)।
D. टाऊन हॉल (व्यवसायिक एवं मिश्रित क्षेत्र)।	I. बौद्ध विहार कालोनी (अवसायीय क्षेत्र)।
E. राजकीय इण्टर कालेज, मुगलपुरा (मिश्रित क्षेत्र)।	J. मण्डी चौक (व्यवसायिक क्षेत्र)।

विन्दु संख्या 3:- परिवेशीय वायु गुणता अनुश्रवण केंद्रों की स्थापना हेतु लगभग 250 वर्ग फीट से 350 वर्ग फीट प्रत्येक हेतु भूमि की आवश्यकता होगी। **Continuous Ambient Air Quality Monitoring Equipment** की लागत के संबंध में आपूर्ति आदेश की दाय्याप्रति संलग्न है।

क्र.सं.	वर्ष	प्रदूषक तत्वों का नाम	औसत मात्रा वार्षिक म.ग्र./घन मी. (बुद्ध बाजार)	औसत मात्रा वार्षिक म.ग्र./घन मी. (पी.टी.सी.)	मानक म.ग्र./घन मी.
1	2011-12 (सितम्बर से अगस्त)	SO2	8.0	13.0	80.0
		NO2	15.0	21.0	80.0
		RSPM	189.0	144.0	100.0
		SPM	317.0	232.0	200.0
2	2012-13 (सितम्बर से अगस्त)	SO2	18.0	12.0	80.0
		NO2	25.0	19.0	80.0
		RSPM	185.0	130.0	100.0
		SPM	293.0	210.0	200.0
3	2013-14 (सितम्बर से अगस्त)	SO2	30.0	15.0	80.0
		NO2	39.0	23.0	80.0
		RSPM	244.0	156.0	100.0
		SPM	414.0	269.0	200.0
4	2014-15 (सितम्बर से अगस्त)	SO2	18.0	11.0	80.0
		NO2	32.0	22.0	80.0
		RSPM	199.0	146.0	100.0
		SPM	361.0	248.0	200.0

उक्त सूचनायें आपके ज्वलोकनार्थ एवं अग्रिम आवश्यक कार्रवाही हेतु प्रेषित की जा रही हैं।
भवदीय

संलग्नक-यथोपरि।

4.4.5 UPPCB: Air Quality Monitoring Centre



उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ क्र. 93/08
Ref. No. e-103 | 111 | CAA&MS | 2011-16

दिनांक 2-2-16
Date

1/15
16/1/16

Purchase Order

(Automatic)
TS

To,

M/s Envirotech Online Equipments Pvt Ltd.
Plot No. 325, HMT Hills, Opp. JNTU Road, Kuket Pally
Hyderabad 500085

Sub: UPPCB - Purchase order for supply Installation, commissioning, operation & maintenance of Continuous Ambient Air Quality Monitoring Station (CAAQMS) for Noida, Ghaziabad and Moradabad city.
Ref: 1- Our invitation for Bids dated 19.11.2014 due on 07.01.2015
2- Your offer date 05.01.2015

Please refer to your bid offer dated 05-01-2015 for supply of Continuous Ambient Air Quality Monitoring Station (CAAQMS) for Noida, Ghaziabad and Moradabad city including Installation, commissioning, operation & maintenance of CAAQMS. This is to inform you that your above referred bid has been accepted by the Competent Authority of the Board as per the terms and conditions mentioned below.

1.0 SCOPE OF WORK:

As per the scope of work mention in the bidding documents for supply, installation, training, operation & maintenance etc. of CAAQMS

2.0 TECHNICAL SPECIFICATIONS :

As per tender documents.

3.0 VALUES OF PURCHASE ORDER

The total value of purchase order for the entire scope of work as detailed in 1.0 above shall be as per the breakup given below :

Particulars	Unit cost per unit CAAQMS	Total cost for three(03) CAAQMS
1- Cost of CAAQMS with analyzers, accessories, installation, commissioning, training, packaging, Freight, inland transport, systems integrated etc. as mentioned in annex - 1	(I) USD127919.66 (CIF)	USD383759.00 (CIF)
	(II) Rs 3805333.33	Rs 11416000.00
2- Cost of Operation and maintenance for 5 Years (Cost of incidental charges costing of security, Electricity, Phones, Internet, Manpower AMC material including spares and consumables for O & M and others.	Rs. 6835000.00 per station for 5 years	Rs 20505000.00 (For five years)

Detailed breakup for the above prices are given in Annex - 1.

Note : Taxes, vat, custom duty etc. will be paid extra as per Govt rule

पि.सी. - 12 वी, विभूति खण्ड, गोमती नगर,
लखनऊ - 226 010
दूरभाष : 0522-2720828, 2720831
फैक्स : 0522-2720764, 2720876
ई-मेल : info@uppcb.com
वेब साइट : www.uppcb.com

ASO

S.O

Mamji
11/1/16
RICK

T.C -12 V, Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010
Phone : 2720828, 2720831
Fax : 0522-2720764, 2720876
e-mail : info@uppcb.com
Web Site : www.uppcb.com

4.4.6 MNRE: Solar Power Projects

No. 30/11/2012-13/NSM
Government of India
Ministry of New and Renewable Energy

Block No. 14, CGO Complex,
Lodhi Road, New Delhi-110003

Dated: 26th June, 2014

To
The Pay and Accounts Officer,
Ministry of New and Renewable Energy,
New Delhi.

Subject: Continuation of "Off-Grid & Decentralized Solar Applications" Scheme in the 2nd Phase of the Jawaharlal Nehru National Solar Mission during 12th Plan Period including 2014-15: Guidelines "Grid-Connected Rooftop and Small Solar Power Plants Programme"

Sir,

In continuation to the Administrative Approval for continuation of "**Off-Grid & Decentralized Solar Applications**" Scheme in the 2nd Phase of the Jawaharlal Nehru National Solar Mission during 12th Plan Period issued vide No. 30/11/2012-13/NSM dated 26th May, 2014, I am directed to issue the Guidelines for implementation of the "**Grid Connected Rooftop and Small Solar Power Plants Programme**" of the Ministry (Annexure).

2. This issues in exercise of powers delegated to this Ministry and with the concurrence of IFD dated 01.06.2014 vide their Dy. No. IFD/435/14-15 dated 09.06.2014 and with the approval of competent authority.

Yours faithfully,



(Dr. Arun K Tripathi)

Director /Scientist 'F'

Tele Fax -011-24363035

E-mail : aktripathi@nic.in

Website: www.mnre.gov.in

4.4.6 MNRE: Solar Power Projects

No. 30/11/2012-13/NSM
Government of India
Ministry of New and Renewable Energy

Block No. 14, CGO Complex,
Lodhi Road, New Delhi 110003

Dated: 26th June, 2014

To

The Pay and Accounts Officer,
Ministry of New and Renewable Energy,
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Subject: Continuation of "Off-Grid & Decentralized Solar Applications" Scheme in the 2nd Phase of the Jawaharlal Nehru National Solar Mission during 12th Plan Period including 2014-15: Guidelines "Grid-Connected Rooftop and Small Solar Power Plants Programme"

Sir,

In continuation to the Administrative Approval for continuation of "Off-Grid & Decentralized Solar Applications" Scheme in the 2nd Phase of the Jawaharlal Nehru National Solar Mission during 12th Plan Period issued vide No. 30/11/2012-13/NSM dated 26th May, 2014, I am directed to issue the Guidelines for implementation of the "Grid Connected Rooftop and Small Solar Power Plants Programme" of the Ministry (Annexure),

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Yours faithfully,



(Dr. Arun K Tripathi)

Director /Scientist 'F'

Tele Fax -011-24363035

E-mail : aktripathi@nic.in

Website: www.mnre.gov.in

4.4.6 MNRE: Solar Power Projects

SOLAR POWER GENERATION CALCULATION

Moradabad Land Distribution Detail

S.N.	Land use Category	Roof top area In Sqmtr.	Total Land available for roof top solar PV Panels (Acre)
		(1)	(2)
1	Government Commercial buildings	193282.00	47.76
TOTAL		193282.00	47.76
Total Land available for roof top solar PV Panels In acre			48

SOLAR POWER GENERATION CALCULATION

			REMARKS
Land available for solar power generation (a)	38	acre	It is expected that 20% of 48 acres would not be available due to structures like water tank and some area falls under shadow at the roofs
Area required for Installing 1 MW Roof top solar PV panels (b)	3.0	acre	As a thumb rule 12m ² area is required for 1 kW _p Poly crystalline solar based PV plant
Total Roof top solar PV Installation (c=a/b)	13	MW	
Total solar power generation considering 17% CUF (d=c*17%*24*365)	19189	MWh/year	17% CUF (Capacity utilization factor) (which is similar like PLF_Plant load factor) is possible to achieve at this site
Total ABD(1006 Acre) maximum power demand (e)	22	MW	
Energy requirement (f=e*24*365)	191113	MWh/year	Considering 100% plant load factor
% of total power generated by solar PV(g=d*100/f)	10.0	%	Or 2.2 MW

4.4.7 UPNEDA: Solar Power Projects

कार्यालय परियोजना अधिकारी
उ०प्र० नवीन एवं नवीकरणीय ऊर्जा विकास अभिकरण(यूपीनेडा)
(अतिरिक्त ऊर्जा स्रोत विभाग, उ०प्र० शासन)
द्वितीय तल, विकास भवन, कांठ रोड, मुरादाबाद मो० : 9415609070

पत्रांक 103 /यूपीनेडा-मुरादाबाद/स्मार्ट सिटी/2016-17

दिनांक: 30 मई, 2016

सेवा में,

श्री टी०ए० मिश्र,
प्रभारी स्मार्ट सिटी, नगर निगम
मुरादाबाद।

महोदय,

कृपया उक्त पत्र संख्या 4/स्मा०सि०/न०नि०मु०/2016 दिनांक 25.5.2016 का संदर्भ ग्रहण करने का कष्ट करें जो कि उक्त विभाग के अन्तर्गत स्मार्ट सिटी प्लान तैयार किये जाने हेतु सूचनाओं के प्रेषण के संबंध में है।

उपरोक्त प्रम में उल्लिखित सूचना निर्धारित प्रारूप पर पूर्ण कर निम्नानुसार प्रेषित है:-

क्र०सं०	वर्ष	स्कीम का नाम	बजट
1.	2013-	सोलर रीट लाइट 25 अदद	5,57500/-
2	2014-		-
3	2015-	सोलर पंप पेयजल चाऊ की मलिन बस्ती, मुरादाबाद।	4,86000/-

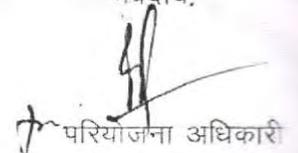
जारी अथवा प्रस्तावित कार्य का विवरण:-

क्र०सं०	स्कीम का नाम	बजट
1	विद्युत प्लांट उ०प्र० विकास भवन, मुरादाबाद।	18,75000/-

नोट:- नगर निगम मुरादाबाद नगर सरकार द्वारा सोलर सिटी के रूप में चयनित है परन्तु अभी नगर निगम इस दिशा में कार्य शुरू नहीं कर पाया है।

कृपया उक्त सूचना से अवगत होना चाहें।

भवदीय,


परियोजना अधिकारी
यूपीनेडा-मुरादाबाद।

4.4.8 Details of LED Street Lights on PAN CITY LEVEL


 पृष्ठ नगर निगम संख्या
 नगर निगम, मुरादाबाद

वरिष्ठ प्रभारी प्रकाश/नगर आयुक्त महोदय,

कृपया शासनादेश सं० 03/16/29/नौ-8-2016-96ज/2015 दिनांक 4.2.2016 के अन्तर्गत नगर निकायों में अधिक ऊर्जा की खपत वाले प्रकल्प बिन्दुओं जैसे सोडियम, हाईमास्ट, सी०एफ०एल० आदि लाइटों के स्थान पर एल०ई०डी० लाइट लगाया जाना प्रस्तावित है। इसके लिये विभिन्न फर्मों/सरकारी/ अर्द्धसरकारी संस्थाओं का EOI दिनांक 30.4.2016 को ई-टैण्डरिंग के माध्यम से मांगा गया था। जिसमें तीन फर्मों द्वारा निविदा क्रय की गयी। जिसका विवरण निम्नप्रकार है :-

1. मै० क्राम्पटन ग्रीव्ज कन्ज्यूमर इलैक्ट्रीकल्स लिमिटेड
2. मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड
3. मै० हैलोनिकस टेक्नोलोजीस प्राइवेट लिमिटेड

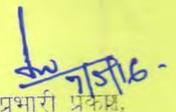
प्रकाश बिन्दुओं को एल०ई०डी० लाइट से बदलने हेतु EOI हेतु नगर निगम, मुरादाबाद से उक्त फर्मों द्वारा प्रपत्र क्रय किये गये। किन्तु एक ही संस्था मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड द्वारा अपना EOI दिया गया। मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड भारत सरकार का एक उपक्रम है। इस संस्था द्वारा राजस्थान सरकार एवं आन्ध्र प्रदेश सरकार द्वारा एल०ई०डी० लाइटें लगाये जाने का कार्य किया गया/किया जा रहा है। उत्तर प्रदेश में नगर निगम, अलीगढ़ द्वारा मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड से अनुबन्ध किया गया।

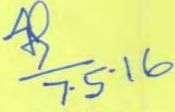
वर्तमान समय में नगर निगम सीमा के अन्तर्गत कुल 39684 प्रकल्प बिन्दु है, जिसमें लगभग 18.77 मिलियन यूनिट प्रतिवर्ष का विद्युत खपत है। एल०ई०डी० लाइट लगाने के उपरान्त कुल खपत 8.68 मिलियन यूनिट प्रतिवर्ष होगी। इस प्रकार प्रतिवर्ष औसत बचत 10.10 मिलियन यूनिट की बचत होगी। मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड के द्वारा एल०ई०डी० लाइट बदलने हेतु कोई अतिरिक्त धनराशि नगर निगम से नहीं ली जायेगी। एल०ई०डी० लाइट लगाने में मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड के द्वारा जो विवरण प्रस्तुत किया गया है, उसमें कुल व्यय 28.6 करोड़ रुपये का होगा। इस व्यय को वहन करने हेतु मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड के द्वारा अनुबन्ध नगर निगम, मुरादाबाद से किया जायेगा। इसके अनुसार विद्युत खपत की कमी से विद्युत बिलों में जो बचत होगी, उस बचत राशि से मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड को भुगतान किया जायेगा। दिनांक 17.6.2015 को मा० सदन द्वारा यह प्रस्ताव सर्वसम्मति से पारित किया गया है।

मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड द्वारा Capital investment स्वयं किया जायेगा। जिस पर 14 प्रतिशत की दर पर ब्याज नगर निगम, मुरादाबाद को देना होगा। एल०ई०डी० लाइटों को क्रय करने के लिये मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड द्वारा निविदायें आमंत्रित की जायेगी। उस निविदा में यदि कोई धनराशि घटती है या बढ़ती है तो वह नगर निगम मुरादाबाद के पक्ष में होगा। एल०ई०डी० लाइटों का अनुबन्ध 7 वर्ष का होगा। 7 वर्ष की इस अवधि के भीतर पूरी धनराशि Capital investment को समायोजित किया जायेगा। स्थापित एल०ई०डी० लाइटों का अनुरक्षण/रख-रखाव 7 वर्ष तक मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड स्वयं करेगी। अनुबन्ध उपरान्त मै० एनर्जी एफिशियेंसी सर्विसेज लिमिटेड द्वारा एल०ई०डी० लाइट बदलने का कार्य 10 माह के भीतर पूर्ण किया जायेगा। फर्म द्वारा दिया गया तकनीकी एवं वित्तीय प्रस्ताव पत्रावली के दाहिनी ओर पताका क पर संलग्न है।

संलग्नक : उपरोक्तानुसार।


 प्रकल्प निरीक्षक,
 नगर निगम, मुरादाबाद।


 वरिष्ठ प्रभारी प्रकल्प,
 नगर निगम, मुरादाबाद।


 नगर आयुक्त
 नगर निगम, मुरादाबाद

4.4.8 DPR for Street Vendor Registration



4.4.8 DPR for Street Vendor Registration

Cost Benefit Analysis

Financial Calculation for Street Lighting Project at Moradabad Nagar Nigam									
1	Cost of LED Luminaire (INR)	198,100,000							
2	Cost per Driver (INR)	-							
3	Cost per CCMS (INR) @ Rs 30 per watt	59,430,000							
4	Total number of Street Lights to be replaced	39,684							
5	Total LED Watts to be replaced	1,981,000							
6	Infrastructure Development Cost % (Poles, Switchgear, Cabling)	10%							
7	Project Management Consultancy %	1%							
8	Total Capital cost of the Project (INR)	286,115,830							
9	Project life	7							
10	Financial Years		1	2	3	4	5	6	7
11	Equity portion (20% of Capital Cost)	57,223,166							
12	Debt portion (80% of Capital Cost)	228,892,664							
13	Debt at the beginning of the Financial year								
14	Debt at the End of the Financial year		228,892,664	205,853,462	180,164,752	151,521,841	119,584,994	83,975,411	44,270,725
15	Principal payout annually								
16	Interest Rate/ Interest amount		23,039,202	25,688,710	28,642,912	31,936,846	35,609,584	39,704,686	44,270,725
17	Annual maintenance charges	11.50%	26,322,656	23,673,148	20,718,947	17,425,012	13,752,274	9,657,172	5,091,133
18	Recovery of equity investment	4.00%	11,444,633	12,131,311	12,859,190	13,630,741	14,448,586	15,315,501	16,234,431
19	Annual repayment to be made by MNN to EESL (Excluding Service-Taxes)		16,492,671	16,492,671	16,492,671	16,492,671	16,492,671	16,492,671	16,492,671
20	Service Tax @ 15%		77,299,162	77,985,840	78,713,719	79,485,271	80,303,115	81,170,030	82,088,960
21	Annual repayment to be made by MNN to EESL (Including Service-Taxes)	15.00%	7,502,759	7,072,121	6,572,796	5,993,657	5,321,655	4,541,469	3,635,083
22			84,801,922	85,057,962	85,286,516	85,478,927	85,624,770	85,711,499	85,724,043
23	Debt (Pre-Tax)	80.00%	12.00%						
24	Equity (Pre-Tax)	20.00%	21.41%						
25	Cost of Capital	100.00%	13.88%						
26	Equity (Post-Tax)		14.00%						
27	Income Tax Rate		30.00%						
28	Surcharge		12.00%						
29	Education Cess		3.00%						
30	Tax Rate		34.81%						
31	Equity Investment								
32	Opening Balance								
33	Recovery of Equity	57,223,166	57,223,166	52,981,601	47,831,944	41,579,780	33,989,059	24,773,234	13,584,350
34	Closing Balance	7.00	4,241,565	5,149,657	6,252,164	7,560,712	9,215,834	11,188,884	13,584,350
35	Return on Equity	21.41%	12,251,106	11,343,015	10,240,507	8,901,959	7,276,937	5,303,788	2,908,321
36	Recovery of Equity	(57,223,166)	16,492,671	16,492,671	16,492,671	16,492,671	16,492,671	16,492,671	16,492,671
37	Equity IRR (Pre-Tax)	21.41%							



4.4.9 NGRBA: Sewer Network Improvement & STP Work

जलकल विभाग नगर निगम, मुरादाबाद

सीवर व्यवस्था

वर्तमान समय में मुरादाबाद नगर निगम, सीमा के अन्तर्गत सीवरेंज व्यवस्था नहीं है। केवल बुद्धि विहार में सीवरेंज व्यवस्था है। जिसमें सीवर पाईप की लम्बाई 14.60 किमी० है तथा एक सीवर पम्पिंग स्टेशन है।

नगर में सीवर व्यवस्था हेतु N.G.R.B.A. कार्यक्रम के अन्तर्गत सीवर व्यवस्था कार्यवाही संस्था परियोजना प्रथमः नगर कार्य डकाई, उ०प्र० जलनिगम, मुरादाबाद द्वारा बनायी जा रही है। जिसका विवरण निम्नानुसार है :-

1. प्रोजेक्ट स्वीकृति का दिनांक	-	24.2.2011
2. स्वीकृत धनराशि	-	279.91 करोड़
3. प्रोजेक्ट शमोश का दिनांक	-	28.2.2014 पुनरीकित 30.6.2014
4. प्राप्त धनराशि	-	भारत सरकार से 70 प्रतिशत एवं उ०प्र० सरकार से 30 प्रतिशत
5. विद्यमान जाने वाली सीवर लाइन	-	264 किमी०
6. सीवरेंज ट्रीटमेंट प्लान्ट	-	1 नग 58 एम०एल०डी०

4.4.9 NGRBA: Sewer Network Improvement & STP Work

कार्यालय
परियोजना प्रबन्धक, नागर कार्य इकाई, उ०प्र० जल निगम,
बी-168, जिगर कोलानी, मुरादाबाद

फोन नं- 2641-243230

पत्रांक 1085 / A-35 / 07 दिनांक 17-5-2016

1875/अ
18-5-16

सेवा में
नगर आयुक्त,
नगर निगम,
मुरादाबाद।

Amal Kumar
↓
Sano

विषय- स्मार्ट सिटी प्लान तैयार किये जाने हेतु सूचना प्रेषण के सम्बन्ध में।
महोदय

उपरोक्त विषयक मण्डलायुक्त महोदय, मुरादाबाद मण्डल के पत्रांक 38/एस०टी०(शि०)/न०9440/न०मि०मु०/2016 दिनांक 13.05.2016 के द्वारा दिये गये निर्देश के अनुपालन में दिनांक 20.05.2016 को साथ 5.30 बजे मण्डलायुक्त महोदय के कैंम्प कार्यालय में आहूत बैठक में जल निगम से प्राप्त किये जाने वाली वांछित सूचनाओं का विवरण तैयार कर अद्यतन आवश्यक कार्यवाही हेतु प्रेषित है।

संलग्नक:- उपरोक्तानुसार।

महोदय
(एस०के० शर्मा) 17-5-16
परियोजना प्रबन्धक

75
20/5

पु०सं० एवं दिनांक उपरोक्तानुसार।
वक्तव्य-
1. मण्डलायुक्त महोदय, मुरादाबाद को सादर सूचनार्थ प्रेषित।
2. जिलाधिकारी महोदय, मुरादाबाद को सूचनार्थ प्रेषित।
3. मुख्य अभियन्ता (मुरा०क्ष०), उ०प्र० जल निगम, मुरादाबाद को सूचनार्थ प्रेषित।
4. अधीक्षण अभियन्ता, जलम मण्डल, उ०प्र० जल निगम, मुरादाबाद को जनक पत्रांक 2262/स्मार्ट सिटी/02 दिनांक 17.05.2016 के संदर्भ में सूचनार्थ प्रेषित।



4.4.9 NGRBA: Sewer Network Improvement & STP Work

जल निगम से प्राप्त की जान वाली जानकारी (मुरादाबाद सीवरेज)

क्रमांक	प्रश्न	उत्तर
1	नगर द्वारा उल्लेखित प्रतिदिन सीवेज की मात्रा	88.72 MLD
2	जारी सीवरेज प्लान का विवरण मानचित्र सहित	सीवरेज प्लान का मानचित्र संलग्न है।
3	स्वीकृत परन्तु अज्ञात सीवरेज सिस्टम का विवरण	शून्य
4	प्रस्तावित सीवरेज सिस्टम का विवरण	एन.जी.आर.बी.ए. कार्यक्रम के अन्तर्गत प्रोविजन ऑफ पीएलप्लान ऑफ सिवर समग्रता एट मुरादाबाद फेज-1 के सीवरेज कार्य का विवरण निम्न प्रकार है— <ol style="list-style-type: none"> 1 योजना की लागत— ₹0.27891 करोड़। 2 सीवर लाइन बिछाने की कार्य— 264.25 Km. 3 राइजिंग सेन बिछाने की कार्य— 8.98 Km. 4 एल.टी.पी. निर्माण के कार्य— 1 नग (58 MLD) 5 एन.पी.एस. निर्माण के कार्य— 2 नग (गमश. 57.71 MLD एवं 8.66 MLD) 6 आई.पी.एस. निर्माण के कार्य— 9 नग <ol style="list-style-type: none"> (a) आई.पी.एस. 1— 2.67 MLD (b) आई.पी.एस. 2— 1.29 MLD (c) आई.पी.एस. 3— 0.68 MLD (d) आई.पी.एस. 4— 3.86 MLD (e) आई.पी.एस. 5— 4.09 MLD (f) आई.पी.एस. 6— 2.45 MLD (g) आई.पी.एस. 7— 4.34 MLD (g) आई.पी.एस. 8— 32.16 MLD (h) आई.पी.एस. 9— 1.88 MLD
5	सीवरेज ट्रीटमेंट प्लांट की मात्रा	4 नग।
6	प्रस्तावित सीवरेज ट्रीटमेंट प्लांट का विवरण	मुरादाबाद सीवरेज योजना ज्ञात- I— 1 नग (58 MLD)
7	प्रस्तावित ट्रेनेज सिस्टम यदि कोई हो	शून्य
8	नगर की जल एच मल के सम्बन्ध में यदि अन्दा कोई योजना हो	अमृत योजना व नमामि गने कार्यक्रम के अन्तर्गत प्रस्तावित मुरादाबाद सीवरेज योजना ज्ञात- II, 25 MLD एल.टी.पी. एवं लगभग 140 Km. सीवर लाइन बिछाने का कार्य, ज्ञात- III, 40 MLD एल.टी.पी. एवं लगभग 205 Km. सीवर लाइन बिछाने का कार्य, ज्ञात- IV, 24 MLD एल.टी.पी. एवं लगभग 141 Km. सीवर लाइन बिछाने का कार्य।
9	सरकारी तन्त्र के साथ नागरिकों के संघर्ष स्थापन हेतु इन्फार्मेशन कम्युनिकेशन टेक्नोलॉजी पर आधारित प्लेटफार्म का विवरण— (पब्लिक रिट्रेसल सिस्टम तथा वेबपोर्टल आदि)	शून्य
10	शासन की मासिक समीक्षा हेतु विगत तीन वर्षों की माह वार्ष हेतु प्रस्तुत अभियन्ताओं का प्रश्न	—

4.4.10 BSNL: Internet & Wi-fi Project Specification



Connecting India

भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
कार्यालय-प्रधान महाप्रबन्धक दूरसंचार
मुख्य दूरभाष केन्द्र, मुरादाबाद।

सेवा में,

नगर आयुक्त,
नगर निगम मुरादाबाद।

पत्रांक :- म.प्र.दू.जि./मुरा./ई.बी./स्वच्छ शहर प्रकल्प/17-18/06 दिनांक 18/03/17

विषय:- बी.एस.एन.एल के जरिये स्वच्छ शहर प्रकल्प में वाई.फाई. की सुविधा उपलब्ध कराने हेतु।

आदरणीय महोदय,

हमें आपको यह जानकारी प्राप्त करते हुये अत्याधिक हर्ष हो रहा है कि भारत संचार निगम लि., मुरादाबाद, "स्वच्छ शहर प्रकल्प" में वाई.फाई सेवाओं को उपलब्ध कराने के प्रतिबद्ध है।

इस क्रम में आपके द्वारा उपलब्ध करायी गई वाई.फाई. स्थानों की तथा बैंक हॉल बैंडविड्थ की आवश्यकता की सूचना के अनुसार क्षेत्र आधारित विकास प्रकल्प में होने वाले खर्च का ब्यौरा संलग्नित किया जा रहा है, जिसका अनुमानित खर्च लगभग रु.14,21,87,500/- है।

चूंकि भारत संचार निगम लिमिटेड वर्तमान में निम्न प्रकार की ही बैंक हॉल बैंडविड्थ उपलब्ध करा रहा है, जिसमें 10 Mbps, 4 Mbps व 2 Mbps प्रमुख है, जिसकी सूचना पूर्व में भी आपको पत्र के माध्यम से प्रेषित की जा चुकी है।

अतः आपसे अनुरोध है कि आप "स्वच्छ शहर प्रकल्प" में वाई.फाई सेवाओं को उपलब्ध कराने हेतु भारत संचार निगम लिमिटेड, मुरादाबाद को आवश्यक अनुमति प्रदान करने का कष्ट करें।

संलग्नक:- उपरोक्तानुसार


प्रधान महाप्रबन्धक दूर संचार
जिला मुरादाबाद।

4.4.10 BSNL: Internet & Wi-fi Project Specification

Data detail from BSNL

1. For Area Based Development projects (selected area of 1560 acres--Total households- 19,249 HH).

24*7 internet by wifi zones: 10 Zones/100 locations / 13100 connections

- a) Total Length of OFC (CURRENT + PROPOSED STATUS)= (Proposed approx Length of OFC * Cost of Laying) **17450 Mtr*350/Mtr= Rs. 6107500/-**
- b) No. of WIFI Zones or hotspots = **100**
- c) Unit cost & Total cost of installation of wifi hotspots = **Approx Cost of wifi hotspots**
- (i) **2 Mbps Location(Access 8 to 10)=11@600000 = Rs. 6600000/-**
- (ii) **4 Mbps Location(Access 8 to 10)=48@650000 = Rs. 31200000/-**
- (iii) **10 Mbps Location(Access 8 to 10)=40@755000 = Rs. 30240000/-**

TOTAL (i+ii+iii) = Rs. 68,040,000/-

- d) Duration required for completion of the wifi hotspots zones= **60 days from site readiness.**
- e) Operation & Maintenance cost = **Rs. 68,040,000/Yr.**
- f) Ongoing projects (Current+Proposed status)for convergence under Digital India, IPDS or any other project= **NO**

2. For PAN City(whole city) projects: Total area of 95 sqkm, total households-2,81,745 HH with population of 1.64 million)

Centralized Control & Command Centre:

- a) Total establishment cost for Command Control Centre ?
- b) Unit rate of equipments required for establishing CCCC ?
- c) Operation & Maintenance cost ?
- d) Data services can be incorporated ?
- e) Projects to undergo convergence (current+proposed with cost) Like Digital India, IPDS or any other projects =

For Point # a to e ,will depend after deployment of other IT works.

NOTE: Road cutting charges not included in the account.

4.4.10 BSNL: Internet & Wi-fi Project Specification

उपरो (परिचय) दूरसंचार परिमंडल
शास्त्री नगर टेलीफोन एक्सचेंज भवन,
मेरठ - 250005
दूरभाष : 0121-2603155, फैक्स : 0121-2603255
ई-मेल : cgm_upw@bsnl.co.in
Uttar Pradesh (West) Telecom Circle
Shastri Nagar, Telephone Exchange Bldg.
Meerut - 250 005
Tel. : 0121-2603155, Fax : 0121-2603255
E-mail : cgm_upw@bsnl.co.in

राजीव कुमार (भा. दू. से.)
मुख्य महाप्रबन्धक

Rajiv Kumar (I.T.S.)
Chief General Manager

भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LTD.
(A Govt. of India Enterprise)

BSNL 3G

विषय: बीएसएनएल के जरिये सरकारी संस्थानों में वाई फाई के सुविधा मुहैया करवाने हेतु।

आदरणीय महोदय / महोदया,

हमें आपको यह जानकारी प्रदान करते हुए अत्यधिक हर्ष हो रहा है कि भारत संचार निगम लिमिटेड उत्तर प्रदेश के साथ साथ भारत वर्ष में वाई फाई हॉटस्पॉट की स्थापना कर रहा है। अभी तक भारत संचार निगम लिमिटेड लगभग 2500 एक्सिस पॉइंटों के माध्यम से 1200 से अधिक स्थानों पर अपनी इन्टरनेट सुविधाएं प्रारम्भ कर चुका है। उदाहरणस्वरूप इनमें आगरा में ताजमहल एक, हरिद्वार में हर की पौड़ी एवं मेरठ में विजया बैंक (कुराली शाखा) आदि शामिल हैं।

इस संदर्भ में, "सरकार द्वारा सरकार के लिए" पहल के रूप में भारत संचार निगम लिमिटेड द्वारा तकनीकी व्यवहार्यता को ध्यान में रखते हुए सरकारी संस्थानों पर वाई फाई सेवाएं प्रदान करना प्रारम्भ कर दिया गया है। भारत संचार निगम लिमिटेड इसे भारत सरकार के डिजिटल इंडिया पहल में योगदान हेतु एक महत्वपूर्ण अवसर के रूप में देख रहा है।

इस सम्बन्ध में आपसे अनुरोध है कि आप हमारी इन योजना का समर्थन करते हुए अपने संस्थानों में वाई फाई सेवाओं का प्रावधान करें, जिसे सभी सरकारी कर्मचारी, अधिकारी तथा अन्य उपभोक्ता इस सेवा के जरिए डिजिटल रूप से जुड़ें। डिजिटल इंडिया के जरिए उन्हें अधिकार संपन्न बनाने के दिशा में यह एक बड़ा कदम होगा।

इस कार्यक्रम के अन्तर्गत 2 लाख रूपए से लेकर 7.56 लाख रूपए (सेवा कर छोड़ कर) की वार्षिक शुल्क वाली विभिन्न वाई-फाई योजनाएँ उपलब्ध हैं। आपके द्वारा एक्सिस पॉइंट्स की संख्या तथा बैंक हॉल बैंडविड्थ की आवश्यकता अनुसार उचित योजना का चुनाव किया जा सकता है।

अतः आपसे अनुरोध है कि आप अपने सरकारी कार्यालयों को वाई फाई सुविधा उपलब्ध करने हेतु भारत संचार निगम लिमिटेड को आवश्यक अनुमति प्रदान करने का कष्ट करें।

वाई-फाई योजनाएँ

क्रम सं.	योजनाएँ	बैंडविड्थ	एक्सिस पॉइंट्स की संख्या	वार्षिक शुल्क *
1	Wi-Fi- BU- 214	2 MBPS	1 to 4	2,00,000
2	Wi-Fi- BU- 257	2 MBPS	5 to 7	4,00,000
3	Wi-Fi- BU- 2810	2 MBPS	8 to 10	6,00,000
4	Wi-Fi- BU- 414	4 MBPS	1 to 4	3,50,000
5	Wi-Fi- BU- 457	4 MBPS	5 to 7	5,00,000
6	Wi-Fi- BU- 4810	4 MBPS	8 to 10	6,50,000
7	Wi-Fi- BU- X14	10 MBPS	1 to 4	6,36,000
8	Wi-Fi- BU- X57	10 MBPS	5 to 7	6,96,000
9	Wi-Fi- BU- X810	10 MBPS	8 to 10	7,56,000

(* उपयुक्त दर के अनुसार सेवा कर अतिरिक्त देना)

सेवा में

माननीय श्री/ श्रीमती. **NAGAR AYUKT SIR,**

सरकारी संस्थान **NAGAR NIGAM MORADABAD**

MR. SANJEEV (BSNL-EB) 9412234544

MR. GAURAV SHARMA (TRIMAX) 8532886600

भवदीय

(राजीव कुमार)

पंजीकृत एवं कॉर्पोरेट कार्यालय : भारत संचार भवन, हरिश् चन्द्र माथुर लेन, जन्मपथ, नई दिल्ली - 110 001 वेबसाइट : www.bsnl.co.in
Regd and Corporate Office : Bharat Sanchar Bhawan, Harish Chandra Mathur Lane, Janpath, New Delhi - 110 001 Website : www.bsnl.co.in

4.4.11 SEL: Piped Gas Distribution Network Project



SITI ENERGY LIMITED
 Ref. No: SEL/CGDN/MBD/2016-17/100A Date: 25th Feb. 2017.
 (MEETING THE ENERGY NEEDS)

To,

The City Commissioner,
 Nagar Nigam Moradabad,
 Moradabad, Uttar Pradesh – 244001.

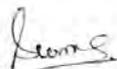
Subject: Data Requirement for Smart City Round-3 proposals from SITI Energy, Moradabad
Reference: Your letter no -147/smart city/NNM/2016-17 dated 02.02.2017

Dear Sir,

We are furnishing details as requested via letter no-147/smart city/NNM/2016-17 dated 02.02.2017,

1. **Details of Total Investment done in Moradabad for piped gas Rs 85 Cr.**
2. **Details of Locations covered under Gas Pipeline –Delhi Road ,Mini by pass industrial Area, Budhi Vihar ,Mansarover, Ram Ganga Vihar, TDI City, Royal Enclave, Eleven Orchid, Gaur Gracious , Prem Nagar Industrial Area, Railway Station Road.**
3. **Unit rate charges**
 - a. Household **Rs 19.90 per SCM**
 - b. Commercial **Rs 40 -42.10 per SCM + Applicable Taxes**
 - c. Industrial **Rs 27.81 -32.81 pr SCM + Applicable Taxes**
4. **Yearly Growth in Gas pipeline network in last 5 years**

Year	Network Length (Km)
2012	
2013	Steel= 20.69 & MDPE=41.69
2014	Steel= 36.28 & MDPE=46.25
2015	Steel= 36.28 & MDPE=76.28
2016	Steel= 40.46 & MDPE=92.754
Current 2017	Steel= 41.22 & MDPE=92.83



Regd. Office : LGF-10, Vasant Square, Plot-A, Sec-B, Pocket-V, Community Centre, Vasant Kunj, New Delhi-110070 (India) CIN : U40200DL2005PLC140527
Corp. Office : Suncity Business Tower, Second Floor, Golf Course Road, Sector - 54, Gurgaon - 122002, Haryana Phone : 0124-4691000 Fax : 0124-4691010
Moradabad Office : CNG Station, Village : Dhannupura, 14 Km Milestone, NH-24, Moradabad - 244001 U.P. (India) Phone : 0591-6451233 / 2223100
 Web : www.sitienergy.com Email : contact@sitienergy.com

4.4.11 SEL: Piped Gas Distribution Network Project

5. Yearly Growth in Gas pipeline connections in last 5 years

Year	Household Connection	Commercial Connection	Industrial Connection
2012	424	15	3
2013	542	19	3
2014	650	29	3
2015	1285	36	3
2016	1642	39	5
Current 2017	1699	39	5

6. Details of CNG stations in Moradabad

- Currently running CNG locations - 1 No at Dhannupura
- Future proposals to set CNG Stations in the city (Location)- 2Nos(Mini by pass Road & Rampur Road)
- Growth in use of CNG
 - 2012 7550 Kg/day
 - 2013 8317 Kg /day
 - 2014 10005 Kg /day
 - 2015 10781 Kg/day
 - 2016 11815 Kg/day

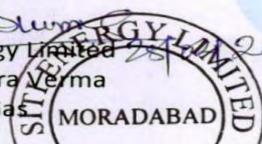
7. Future proposals & its financial implementations to cover complete Moradabad City around 925 Km of road length

Details	Financial Requirement (Rs.)	Current Proposal (Rs.)	Any Proposals
a. Pipeline Network for another 775 Km (925 Km total road length-150 Km already covered)	542 Cr	2 Cr	
b. Connections to Household for around 27500 (29000 total-1500 Already covered)	83 Cr	1.5 Cr	
c. Connections to all commercial establishments	15 Cr	0.5 Cr	
d. Connection to all industrial establishments	5	0.5 Cr	

Thanking you.

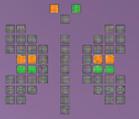
Yours truly,

For SITI Energy Limited
Satish Chandra Verma
DGM – City Gas



SITI ENERGY LIMITED

SUNCITY BUSINESS TOWER, SECOND FLOOR, GOLF COURSE ROAD, SECTOR-54, GURGAON -122002, HARYANA
PHONE : 0124-4691000 FAX : 0124-4691010 Web : www.sitienergy.com Email : contact@sitienergy.com



Smart City
MISSION TRANSFORM-NATION

4.5. Memorandum of understanding (MoU)



MoU: C-DAC and RCUES for Smart City Support



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,

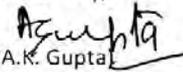
Dr. Hemant Darbari,
Executive Director,
Centre For Development of
Advanced Computing (CDAC)
Pune University Campus, Ganeshkhind,
Pune, Pin-411007, India
Tel: +91-2025704100, Fax:+91-2025694004

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)

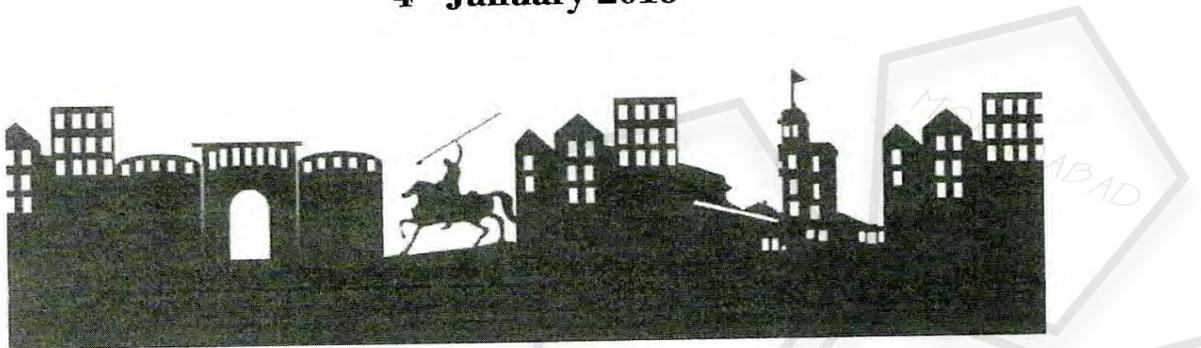
Office : Adjacent Registrar's Office, University of Lucknow-226007 (INDIA) Telefax : 0522-2740108, 2740165
Resi.: C.P. 102-B Block, Near Sent Dominic School, Indira Nagar, Lucknow-226016
Mobile : +91-7839470399, +919044319979 | E-mail : ad.rcueslko@gmail.com | Website : www.rcueslucknow.org

MoU: C-DAC and RCUES for Smart City Support



**MEMORANDUM OF UNDERSTANDING
BETWEEN
CENTRE FOR DEVELOPMENT OF
ADVANCED COMPUTING (C-DAC)
AND
REGIONAL CENTRE FOR URBAN AND
ENVIRONMENTAL STUDIES
(ESTD. BY MINISTRY OF URBAN
DEVELOPMENT, GOVERNMENT OF INDIA)**

4th January 2016



MoU: C-DAC and RCUES for Smart City Support



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)/नौ-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.
3. RCUES is an autonomous institution under the Ministry of Urban Development, Government of India. It is one of the premier Research and Capacity Building Centres of Ministry of Urban Development, Government of India, in the country, intended to provide 'knowledge-based' services for various aspects of municipal governance. RCUES has been nominated as a Resource Centre by Government of Uttar Pradesh, vide

(Signature)

(Signature)



3

MoU: C-DAC and RCUES for Smart City Support

Q. No. 4466(1)नौ-5-15-227सा/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

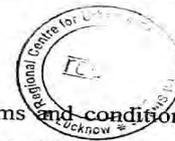
After interactions at various levels, parties intend to work together in the areas of common interest and NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties agree as follows:

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'.

Dejpar

Agarwal



MoU: C-DAC and RCUES for Smart City Support



Responsibilities:

C-DAC's Responsibilities

C-DAC 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)

[Signature]

[Signature]



MoU: C-DAC and RCUES for Smart City Support

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

Deepak

Arun



MoU: C-DAC and RCUES for Smart City Support



- Moradabad
- Rampur
- Saharanpur
- 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.

Signature

Signature



MoU: C-DAC and RCUES for Smart City Support

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 copy/ies 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

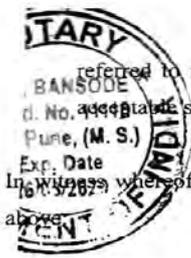
Signature

Signature





MoU: C-DAC and RCUES for Smart City Support



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

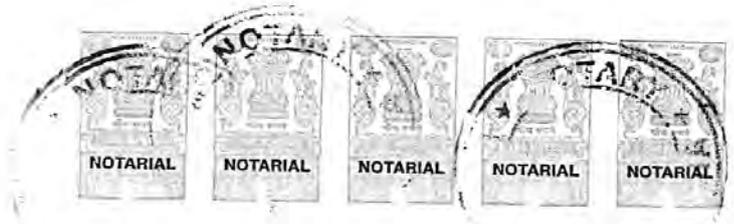
In witness whereof, the undersigned Parties have executed this MoU as of the date indicated above

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
A. K. Gupta
Regional Centre for Urban & Environmental Studies (RCUES)
Lucknow
 By:
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



MoU: MNN and RCUES for Smart City Support



उत्तर प्रदेश UTTAR PRADESH 24 JUN 2016

CV 714083

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this ___ day of June, 2016.

BY AND BETWEEN

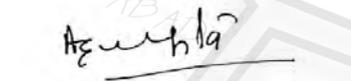
Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MMC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of **One Part**

AND

The **Regional Centre for Urban & Environmental Studies (RCUES)**, Lucknow was established at University of Lucknow in the year 1968 by the Ministry of Urban Development, Government of India. It is one of the premier Centres in the country established to play a positive role in the field of urban management. The key activities of the Centre includes Training, Capacity building, Research, Teaching, Consultancy Services and dissemination of information relating to the Urban Sector)of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "**Parties**" and individually as "**Party**", as the context demands.)


असद अहमद
बगर सिवम, मुघदाबाद


A. K. Gupta
Additional Director
Regional Centre For Urban & Environmental Studies,
Adj. Registrar Office
Lucknow University, Lucknow

MoU: MNN and RCUES for Smart City Support

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. The Regional Centre for Urban & Environmental Studies (RCUES), Lucknow was established at University of Lucknow in the year 1968 by the Ministry of Urban Development, Government of India. It is one of the premier Centres in the country established to play a positive role in the field of urban management. The key activities of the Centre includes Training, Capacity building, Research, Teaching, Consultancy Services and dissemination of information relating to the Urban Sector
- D. MMC and RCUES have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal.

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them.

1. Purpose

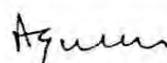
The Purpose of this MOU is to define area of collaboration between MMC and RCUES for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

2. Area of Collaboration

The area of collaboration between the Parties shall include:

- A). Area Based Proposal Retrofitting of ABD.


 नगर आयुक्त
 नगर निगम, मुरादाबाद


 A. K. Gupta
 Additional Director
 Regional Centre For Urban & Environmental Studies,
 Adj. Registrar Office
 Lucknow University, Lucknow

MoU: MNN and RCUES for Smart City Support

share with each other, with regards to its requisite rights, authorizations or agreements, in place, enabling accessibility and usage of such information.

6. 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.

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MOU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MMC and RCUES acknowledge that they have entered into this MOU in good faith and will cooperate in good faith to achieve the objectives set herein.

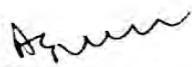
11. Liability

This MOU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MOU.


 जगर भायुक्त
 नगर निगम, मुरादाबाद


 A. K. Gupta
 Additional Director
 Regional Centre For Urban & Environmental Studies,
 Adj. Registrar Office
 Lucknow University, Lucknow

MoU: MNN and Police Department for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

15 JUN 2016

CV 553668

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 15 day of June, 2016.

BY AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall Moradabad - 244001 (hereinafter referred to as "MMC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

Traffic Police, Moradabad, under the administrative control of Department of Home, Government of Uttar Pradesh and having its principal office at Office of Superintendent of Police (Traffic), Near Control Room, Kanth Road, Moradabad (hereinafter referred to as "Traffic Police" which

(**शशिष डकवाल**)
Traffic Police, Moradabad
पुलिस अधीक्षक यातायात
जनपद-मुरादाबाद

Moradabad Municipal Corporation
बगर आयुक्त
खजूर निगम, मुरादाबाद

MoU: MNN and Police Department for Smart City Support

expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of Second Part

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. The Traffic Police was established with the objective to ensure better traffic management, recommend and adopt various road safety measures in the state. This police was also expected to coordinate with the government for effective implementation of its different action programmes and to coordinate with the field staff through I/C of District Police. The Traffic Police is also entrusted with the task of guiding and monitoring all the activities related to enforcement road safety, training and organizing programmes to inculcate better traffic sense amongst the people & to bring necessary and desired improvement.
- D. MMC and the Traffic Police have been discussing the Moradabad Smart City Proposal including ICT solutions for traffic management, road safety and city surveillance etc. under Pan City Proposal and other projects in the area selected for retrofitting under Area Based Development.

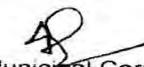
Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended engagement. This MOU records the preliminary understanding between them:

1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and Traffic Police for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

2. Area of Collaboration


 Traffic Police, Moradabad
 पुलिस अधीक्षक, यातायात
 जंमपद - मुरादाबाद


 Moradabad Municipal Corporation
 नगर आयुक्त
 नगर निगम, मुरादाबाद

MoU: MNN and Police Department for Smart City Support

The area of collaboration between the Parties shall include, both, Pan City Proposal and Area Based Development and more specifically defined herein below:

PAN CITY PROPOSAL focused on ICT solutions for traffic management, road safety and city surveillance which includes but not limited to:

- i. Intelligent Traffic Signals;
- ii. Variable & Static Message Signs;
- iii. CCTV network for surveillance and traffic management;
- iv. Pelican crossings;
- v. Smart Parking Solution for on-street and off-street parking(s);
- vi. Automatic traffic rules violation detection system
- vii. Integration of existing Command Control Centre with proposed Smart City ICT operations centre, and
- viii. Development of Smart City Management System/Portal
 - Sharing of Data by the Traffic Police with MMC/SPV (facilities & infrastructure, projects, schemes, real time operational data etc); and
 - Nomination of IT officials / staff of LDA for training to be imparted by MMC/SPV for use and updation of Smart City Management System/Portal

FOR AREA BASED DEVELOPMENT includes but not limited to:

- i. Geometric Improvement of Roads and Junctions;
- ii. Integration of Emergency Call Points (Panic Buttons) with existing Police Information System;
- iii. Development of Pelican Crossing for safe pedestrian movement, and
- iv. Identification & shifting of existing posts, wherever it is located on right of way and/or is a potential bottleneck and establishing modern police kiosks

The Parties shall exchange necessary information required for feasibility assessment, formulation of project etc. The Parties shall jointly undertake the assessment of feasibility for the smart city projects and communicate to other Party the support (physical, regulatory, administrative, manpower or otherwise) it requires for the project. The Parties agree to congregate funds available to it for funding the projects.

The Parties also agree that this MOU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties.

3. Non-exclusivity

The relationship of the Parties under this MOU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject

4. Term and Termination

Traffic Police, Moradabad
(शुभव इकबाल)
पुलिस अधीक्षक यातायात
जनपद-मुरादाबाद

Moradabad Municipal Corporation
नगर आयुक्त
नगर निगम, मुरादाबाद

MoU: MNN and Police Department for Smart City Support

Both the Parties may terminate this MOU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MOU shall be valid for a period of 2 (two) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.

This MOU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MOU shall be treated as null and void.

5. 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.

6. 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.

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MOU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

(गुप्त हस्ताक्षर)
पुलिस अधीक्षक यातायात
जनपद - मुगदाबाद

Moradabad Municipal Corporation
नगर आयुक्त
जनपद मुगदाबाद



MoU: MNN and Police Department for Smart City Support

MMC and the Traffic Police acknowledge that they have entered into this MOU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MOU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MOU.

In witnesses whereof the Parties hereto have signed this MOU in the presence of witnesses on the day, month and year first above written.

For and on behalf of Moradabad Municipal Corporation

For and on behalf of Traffic Police, Moradabad

(Authorized Signatory)
Name
Designation:

(Authorized Signatory)
Name
Designation:

Witness:

1

संस्थाधिकारी
नगर निगम, मुरादाबाद

2

लेखाकार
नगर निगम
मुरादाबाद

Traffic Police, Moradabad
(पुलिस स्थानिक)

Moradabad Municipal Corporation

MoU: MNN and Irrigation Department for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

10 JUN 2016 CV 553670

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 16 day of June 2016.

BY AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted' under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MMC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

de Irrigation ^{works circle.} ~~Division~~ under the administrative control of Department of Irrigation, Government of Uttar Pradesh and having its principal office at Superintendent Engineer, Irrigation ^{works circle.} ~~Division~~, Tubewell Colony, Moradabad U.P. - 244 001 (hereinafter referred to as "Irrigation ^{works circle.} ~~Division~~" which

Irrigation Department

Moradabad Municipal Corporation

MoU: MNN and Irrigation Department for Smart City Support

Draft for Discussion

expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of Second Part

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. The Irrigation Department is entrusted with the responsibility of management & conservation of water resources and provide water for agriculture purpose.
- D. MMC and the Irrigation Department have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal.

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them.

1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and the Irrigation Department for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

2. Area of Collaboration

- E. The area of collaboration between the Parties shall include Ramganga Riverfront Development Project which is aimed to revive lost image of Ramganga River through

- Re-establishing the lost identity of the river through beautification, landscaping, pitching, tree plantation, children's play, other recreational activities and commercial activities.

De

fio

Irrigation Department

Moradabad Municipal Corporation

MoU: MNN and Irrigation Department for Smart City Support

Draft for Discussion

- To Reinvigorate the river as a source of healthy lifestyle
- To enhance Economic Growth of the city
- To transform the river to an Active Waterfront
- To Celebrate art, social & cultural heritage

The Parties shall exchange necessary information required for Smart City project etc. The Parties shall provide due support (physical, regulatory, administrative, manpower or otherwise) to each other for Smart City project. The Parties agree that this MOU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties.

3. Non-exclusivity

The relationship of the Parties under this MOU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MOU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MOU shall be valid for a period of 2 (two) years from the date of signing, unless it is terminated earlier.

- By way of consummation of a definitive agreement; or
- By either Party for any reason what so ever.

This MOU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MOU shall be treated as null and void.

5. 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.

6. 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

Irrigation Department

Moradabad Municipal Corporation



MoU: MNN and Irrigation Department for Smart City Support

Draft for Discussion

return all confidential information, to the disclosing Party upon request after expiry/ termination of this MOU

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MOU

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MMC and the Irrigation Department acknowledge that they have entered into this MOU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MOU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed arising from or related to the MOU.

In witness whereof the Parties hereto have signed this MOU in the presence of witnesses on the day, month and year first above written.

For and on behalf of Moradabad Municipal Corporation

For and on behalf of Irrigation Department

(Authorized Signatory)
Name: **शिवम, सुरजमण्ड**
Designation:

(Authorized Signatory)
Name:
Designation:

Irrigation Department

Moradabad Municipal Corporation



MoU: MNN and DIC Moradabad for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

10 JUN 2016

CV 553664

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 16 day of June, 2016.

BY AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MMC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

The District Industries Centre (DIC), under the Ministry Of Micro, Small & Medium Enterprises (MSME), Government Of India, having its main office at District Industries & Entrepreneur Promotion Centre (Near P.A.C. Tiraha) Kanth Road, Moradabad - 244001, Uttar Pradesh,


District Industries Centre


Moradabad Municipal Corporation
नगर आयुक्त
जगत निजम, मुरादाबाद

MoU: MNN and DIC Moradabad for Smart City Support

hereinafter referred to as "DIC" which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. The District Industries Centre (DIC), strives to enhance the industrialisation and help small scale and medium scale industries to start and flourish.
- D. MMC and DIC have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal.

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them.

1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and DIC for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

2. Area of Collaboration

The area of collaboration between the Parties shall include:

- i. Development of Smart City Management System/Portal
 - Sharing of Data by DIC with MMC/SPV (facilities & infrastructure network, projects, schemes etc), and



District Industries Centre



Moradabad Municipal Corporation
 नगर निगम
 जलाल सिंह, सुराजवाड़ा

MoU: MNN and DIC Moradabad for Smart City Support

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.

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MOU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MMC and DIC acknowledge that they have entered into this MOU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MOU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MOU.

In witnesses whereof the Parties hereto have signed this MOU in the presence of witnesses on the day, month and year first above written.

For and on behalf of Moradabad Municipal Corporation

For and on behalf of District Industries Centre



(Authorized Signatory)

Name:

Designation:



(Authorized Signatory)

Name: SHRINATH PASWAN

Designation: Dy. Commissioner Industries Moradabad.

Witness

1.



सेवाधिकारी
नगर निगम, मुरादाबाद



लिख. ००९
नगर निगम
मुरादाबाद

MoU: MNN and MDA for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

10 JUN 2016 CV 553671

MEMORANDUM OF UNDERSTANDING

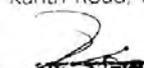
This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 16 day of June 2016

BY AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MMC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

Moradabad Development Authority, constituted under the Uttar Pradesh Urban Planning and Development Act, 1973, having its main office at Moradabad Development Authority, Ashiana Phase-1, Kanth Road, Moradabad - 244001, (hereinafter referred to as "MDA" which expression


Moradabad Development Authority
मुरादाबाद विकास प्राधिकरण
मुरादाबाद


Moradabad Municipal Corporation
नगर आरूपक
नगर हिसार, मुरादाबाद

MoU: MNN and MDA for Smart City Support

shall, unless it be repugnant to the context or meaning thereof, include its successors) of Second Part

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. Established in 29th March 1981 under the Uttar Pradesh Urban Planning & Development Act 1973, MDA has progressed from small beginnings to embrace an overreaching authority in the development scenario of Moradabad. Incorporated under the Uttar Pradesh Urban Planning and Development 1973, the Moradabad Development Authority employs best of experts from various fields of architecture, engineering, planning. MDA has completed many development works in Moradabad city. To fulfill its role, the Authority seeks to coordinate in accordance with a Comprehensive Master Plan along with the work of various other agencies involved in the creation and extension of urban infrastructure.
- D. MMC and MDA have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal.

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them.

1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and MDA for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.


 Moradabad Development Authority
 पुरादाबाद


 Moradabad Municipal Corporation
 नगर निगम, पुरादाबाद

MoU: MNN and MDA for Smart City Support

2. Area of Collaboration

The area of collaboration between the Parties shall include, both, Pan City Proposal and Area Based Development and more specifically defined herein below

PAN CITY PROPOSAL includes but not limited to

- i. Development of Smart City Management System/Portal
 - Sharing of Data by MDA with MMC/SPV (facilities & infrastructure network, projects, schemes etc); and
 - Nomination of IT officials / staff of MDA for training to be imparted by MMC/SPV for use and updation of Smart City Management System/Portal.

FOR AREA BASED DEVELOPMENT includes but not limited to:

- i. Ramganga Riverfront Development;
- ii. Development of underground Multilevel Parking at various locations;
- iii. Retrofitting/redesigning of open spaces/parks;
- iv. Installation of Rain Water Harvesting

The Parties shall exchange necessary information required and jointly undertake the feasibility assessment, formulation of Smart City project etc. MDA shall provide due support (physical, regulatory, administrative, manpower or otherwise) and land [MDA owned/Nazul] required for Smart City projects subject to availability on mutually acceptable terms. MMC, being the nodal agency for Smart City Mission for Moradabad City, shall implement the Smart City projects through SPV. The Parties agree to congregate funds available to it for funding the smart city projects

The Parties also agree that this MOU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties

3. Non-exclusivity

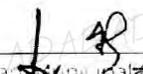
The relationship of the Parties under this MOU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MOU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MOU shall be valid for a period of 2 (two) years from the date of signing, unless it is terminated earlier.

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.


 अखिल सचिव
 Moradabad Development Authority
 मुरादाबाद विकास प्राधिकरण
 मुरादाबाद


 Moradabad Municipal Corporation
 नगर अधिकारी
 नगर विकास, मुरादाबाद

MoU: MNN and MDA for Smart City Support

This MOU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MOU shall be treated as null and void.

5. 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.

6. 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.

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MOU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MMC and MDA acknowledge that they have entered into this MOU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MOU shall attract no liability whatsoever to either of the Parties.


 अपर सचिव
 मुरादाबाद विकास प्राधिकरण
 मुरादाबाद


 Moradabad Municipal Corporation
 नगर निगम, मुरादाबाद

MoU: MNN and MDA for Smart City Support

12. Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MOU.

In witnesses whereof the Parties hereto have signed this MOU in the presence of witnesses on the day, month and year first above written:

For and on behalf of Moradabad Municipal Corporation

For and on behalf of Moradabad Development Authority


(Authorized Signatory)
Name:
Designation:


(Authorized Signatory)
Name:
Designation: **अपर सचिव
मुरादाबाद विकास प्राधिकरण
मुरादाबाद**

Witness:

1.


**लेखाधिकारी
नगर निगम, मुरादाबाद**

**लिखाकार
नगर निगम
मुरादाबाद**

Moradabad Development Authority

Moradabad Municipal Corporation

MoU: MNN and PWD for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

2016

CV 553669

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 17 day of June 2016.

AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MMC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

Office of the Executive Engineer CD-1 PWD Moradabad.

under the administrative control of Public Works Department, Government of Uttar Pradesh and having its principal office at Chief Engineer, Moradabad Division, Kanth Road (Near Gandhi Aasharm) Moradabad - 244001, (hereinafter referred to as "UPPWD" which

Handwritten signature
 अधिकारी अभिलेख
 ऑफिस-1, लोक निर्माण विभाग
 मुरादाबाद

Handwritten signature
 Moradabad Municipal Corporation
 नगर आयुक्त
 नगर विभाग, मुरादाबाद

MoU: MNN and PWD for Smart City Support

expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of Second Part

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. UPPWD has been entrusted with the very important responsibility of developing, strengthening, upgrading and maintaining roads, bridges, over bridges, bypasses, ring roads etc in the state of Uttar Pradesh. UPPWD is also responsible for maintenance of national highways passing through the state, preventing encroachments on department roads and ensuring quality and on-time completion of construction and development works.
- D. MMC and UPPWD have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal.

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them

1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and PWD for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India

2. Area of Collaboration

The area of collaboration between the Parties shall include, both, Pan City Proposal and Area Based Development and more specifically defined herein below:

UPPWD

Moradabad Municipal Corporation

नगर आयुक्त
नगर निगम, मुरादाबाद

नगर आयुक्त
नगर निगम, मुरादाबाद

MoU: MNN and PWD for Smart City Support

Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MOU.

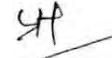
In witnesses whereof the Parties hereto have signed this MOU in the presence of witnesses on the day, month and year first above written.

For and on behalf of Moradabad Municipal Corporation

For and on behalf of UPPWD



नगर आयुक्त
नगर निगम, मुरादाबाद
(Authorized Signatory)
Name
Designation



अधीशासी अभियन्ता
पर्याय खण्ड-1, लोक निर्माण विभाग
मुरादाबाद

(Authorized Signatory)
Name:
Designation:

Witness

1. Ranul Sharma.
As PD PWD
MORADABAD
सहायक अभियन्ता पंचम
प्रान्तीय खण्ड, लोकनिर्माण
मुरादाबाद

2. A.K. Jais (Asst)
CO-1 PWD
सहायक अभियन्ता पिन 3
विभागीय खण्ड-1, लो. नि. वि. म.
मुरादाबाद

UPPWD

Moradabad Municipal Corporation

MoU: MNN and UPNEDA for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

10 JUN 2016

CV 553665

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 17 day of June, 2016.

BY AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MNC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

Uttar Pradesh New & Renewable Energy Development Agency, under the department of additional energy sources Government of Uttar Pradesh and having its principal office at Project Officer NEDA, Room No. 301, Vikas Bhawan, Moradabad - 244 001 (hereinafter referred to as

Uttar Pradesh New & Renewable Energy Development Agency

यूपीनरेडा मुरादाबाद

Moradabad Municipal Corporation

अपर मुरादाबाद

MoU: MNN and UPNEDA for Smart City Support

"UP-NEDA" which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. In April 1983 Uttar Pradesh Government created Institute of Alternative Energy Development under the department of additional energy sources as an autonomous institution. The institute has been renamed as "Uttar Pradesh New and Renewable Energy Development Agency (UPUP-NEDA)". From the beginning, the agency is also functioning as nodal agency for implementation of various schemes in the state
- D. MMC and the UP-NEDA have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them

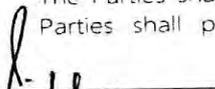
1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and the UP-NEDA for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

2. Area of Collaboration

The area of collaboration between the Parties shall include the installation of Roof top Solar Plants in area selected in Area Based Development, Energy efficient Solar Street Lights and other areas related to Renewable Energy Resources.

The Parties shall exchange necessary information required for Smart City project etc. The Parties shall provide due support (physical, regulatory, administrative, manpower or


परिचय नया नवीकरणीय ऊर्जा विकास एजेंसी
यूपीएनईडीए
मोरादाबाद


Moradabad Municipal Corporation
नगर आयुक्त
नगर निगम, मोरादाबाद

MoU: MNN and DUDA for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

2016

CV 553663

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into at Moradabad on this 17 day of June, 2016.

BY AND BETWEEN

Moradabad Municipal Corporation, a municipal corporation constituted under the Municipal Act 2 of 1959, having its principal office at Townhall, Moradabad - 244001 (hereinafter referred to as "MNC" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) of One Part

AND

The District Urban Development Agency (DUDA), under the State Urban Development Agency (SUDA) having its main office at District Urban Development Agency, Jalkal Compound, Civil Lines, Moradabad- 244001, Uttar Pradesh, (hereinafter referred to as "DUDA" which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of Second Part

District Urban Development Agency

महानगर न्यायिक प्रशासन (डि.डी.ए.)
मोरदाबाद

Moradabad Municipal Corporation

नगर आयुक्त
नगर प्रशासन, मोरदाबाद

MoU: MNN and DUDA for Smart City Support

(Hereinafter the parties of the First Part and Second Part are collectively referred to as "Parties" and individually as "Party", as the context demands.)

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad is one of the candidate city for Smart City Mission from the state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MMC is the nodal agency for Smart City project and it shall be forming a Special Purpose Vehicle (SPV) with State Government for planning, designing, financing, implementation, operation and maintenance of Smart City Projects. After incorporation of SPV, all rights and obligations of MMC with regards to Smart City Projects shall be transferred to SPV.
- C. The District Urban Development Agency (DUDA), under the State Urban Development Agency (SUDA) was created in the context of implementation and monitoring of various centrally sponsored Programmes namely Urban Basic Services for the Poor.
- D. MMC and DUDA have been discussing the Moradabad Smart City Proposal including projects in the area selected for retrofitting under Area Based Development and Pan City Proposal

Now, pursuant to the ongoing discussions between the Parties, this MOU purports to summarize the principal terms of intended collaboration. This MOU records the preliminary understanding between them

1. Purpose

The Purpose of this MOU is to define area of collaboration between MMC and DUDA for planning, designing, financing, implementation, operation and maintenance of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

2. Area of Collaboration

The area of collaboration between the Parties shall include:

- i. Development of Smart City Management System/Portal
 - Sharing of Data by DUDA with MMC/SPV (facilities & infrastructure network, projects, schemes etc); and
 - Nomination of IT officials / staff of DUDA for training to be imparted by MMC/SPV for use and updation of Smart City Management System/Portal.

District Urban Development Agency
 जिला विकास अधिकारी
 जिला विकास अधिकरण (डूडा)

Moradabad Municipal Corporation
 नगर निगम
 नगर निगम, मुरादाबाद

MoU: MNN and DUDA for Smart City Support

- ii. Construction of Community toilets and individual toilets for economically weaker sections in area selected for Area Based Development.
- iii. Construction of drains along the roads in area selected for Area Based Development

The Parties shall exchange necessary information required and jointly undertake the feasibility assessment, formulation of Smart City project etc. DUDA shall provide due support (physical, regulatory, administrative, manpower or otherwise) and land required for Smart City projects subject to availability on mutually acceptable terms. MMC, being the nodal agency for Smart City Mission for Moradabad City, shall implement the Smart City projects through SPV. The Parties agree to congregate funds available to it for funding the smart city projects.

The Parties also agree that this MOU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties.

3. Non-exclusivity

The relationship of the Parties under this MOU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MOU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MOU shall be valid for a period of 2 (two) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever

This MOU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MOU shall be treated as null and void.

5. 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.

6. Confidentiality


District Urban Development Agency
परियोजना अधिकारी


Moradabad Municipal Corporation
नगर अधिकारी

MoU: MNN and DUDA for Smart City Support

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.

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MOU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MMC and DUDA acknowledge that they have entered into this MOU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MOU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MOU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MOU.

In witnesses whereof the Parties hereto have signed this MOU in the presence of witnesses on the day, month and year first above written.

For and on behalf of Moradabad Municipal Corporation

For and on behalf of District Urban Development Agency

(Authorized Signatory)

Name:

Designation: **सिटीयोजना अधिकारी**
जिला नगरीय विकास अभिकरण (डूडा)
मुरादाबाद

(Authorized Signatory)

Name:

Designation:

लेखाकार
नगर निगम
मुरादाबाद

संयोजक
नगर निगम, मुरादाबाद

MoU: MNN and BIO-TECH WASTE MANAGEMENT PVT. LTD., Moradabad for Smart City Support



उत्तर प्रदेश UTTAR PRADESH FORM FOR "MEMORANDUM OF AGREEMENT" (MoA) CW 639553
 CONTRACT FOR : PREPARATION OF CITY STREET VENDING PLAN (CSVP) FOR JAN 2016
 MURADABAD CITY OF UTTAR PRADESH UNDER SUPPORT FOR URBAN STREET
 VENDORS (SUSV), NATIONAL URBAN LIVELIHOOD MISSION (NULM)

THIS CONTRACT IS MADE
 BETWEEN:

MUNICIPAL CORPORATION MURADABAD / CITY MISSION MANAGEMENT UNIT (CMMU), MURADABAD (hereinafter referred to as "the Client") represented by Municipal Commissioner MURADABAD /City Project Officer MURADABAD.

AND:

M/s BIO-TECH WASTE MANAGEMENT PVT. LTD., UNNAO (hereinafter referred to as "the Consultant") represented by Director, Bio-Tech Waste Management Pvt. Ltd., Unnao

WHEREAS:

- The Client has floated tender for getting certain consulting services as defined in the General Conditions attached to this Contract (hereinafter called the "Services");
- The Consultants has been selected through above said tender, and
- The Consultants, having represented to the client that they have the required professional skills, personnel and technical resources, have agreed to provide the Services on the terms and conditions set forth in this Contract.

NOW THEREFORE the parties here to here by agree as follows:

1. Documents

This Contract shall be comprised of the following documents:

- | | |
|-----------|--|
| Section 1 | Form for "Memorandum of Agreement" (MoA) |
| Section 2 | Terms of Reference |


 City Commissioner (M.C.M.U.) Chairman
 NULM
 Moradabad

[1]


 Signature and Seal of Consultant

MoU: MNN and BIO-TECH WASTE MANAGEMENT PVT. LTD., Moradabad for Smart City Support

Section 3 Schedule of Prices

Section 4 Payment Schedule

Appendices:

Appendix A: Minutes of Meeting - Agency selection approval through State Level Project Sanction Committee under SUSV, NULM

Appendix B: Copy of work order

Appendix C: Copy of Bank Guarantee for Performance Security:

A Performance Bond in the form of Bank Guarantee is to be submitted by the winning Bidder upon signing of Contract for each Bid. Amount will be 5% of the contract value; this may be provided as 100% Bank Guarantee. Bank Guarantee will be made in the name of : Municipal Commissioner, Municipal Corporation, MURADABAD and drawn on a nationalized or scheduled commercial bank. (as per Annexure A: Data Sheet of RFP).

2. The mutual rights and obligations of the Client and the Consultants shall be as set forth in the Contract; in particular

(a) The Consultants shall carry out the Services in accordance with the provisions of the Contract; and

(b) Client shall make payments to the Consultants in accordance with the provisions of the Contract, as per schedule of price as per section 6.

3. Commencement and Duration of the Services

The Consultant shall start the Services on ("the Start Date") and shall complete them by ("the End Date") unless this Contract is terminated earlier in accordance with its terms and conditions.

Activities	Timelines	Start date of services
Preparation of City Street Vending Plans for MURADABAD	26 weeks	From the date of signing of MoA.

4. Financial Limit

Payments under this Contract shall not, in any circumstances, exceed the rates mentioned in Table 1.1 for preparation of CSVP. The fee mentioned below is inclusive of all taxes, but excluding service tax which shall be payable extra as per the prevailing rates.

Table 1.1 Preparation of Street Vending Plan SVP	
City/ULB	Vendor Identification, Bio-metric survey, capturing photograph, Vendor census survey, Base Map, Vending location mapping, Computerization of data, Draft CSVP plan preparation and Detailed Implementation Plan (DIP) @ per vendor for CSVP (amount in Rs.)
MURADABAD	Rs. 209 Per Street Vendor

4.1 The payment shall be made as per section 3: Schedule of Prices / Work order.

4.2 The payment shall be made through A/c payee cheque in Indian Rupees.

5. Dispute Settlement


 City Commissioner (M.C.M.) Chaitmal
 Signature and Seal of Client
 Moradabad

[2]



 Signature and Seal of Consultant

MoU: MNN and Health Department for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

17 FEB 2017

DF 840052

MEMORANDUM OF UNDERSTANDING

(Department of Medical, Health and Family Welfare, GoUP- Moradabad and Nagar Nigam)

This Memorandum of Understanding (hereinafter referred to as the MoU) is entered into Moradabad (city) on of March, 2017.

BY AND BETWEEN

Moradabad Nagar Nigam, a body constituted under the Municipal Act-2 of 1959, having its principal office at Town hall, Moradabad (hereinafter referred to as "MNN" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) at **One Part.**

AND

Department of Medical, Health and Family Welfare, Moradabad, GoUP (which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as 'Parties' and individually as 'Party' on the context demands).

Department of Medical, Health and Family Welfare,
Moradabad, Government of Uttar Pradesh

Moradabad Nagar Nigam

अपने मुख्य चिकित्सा अधिकारी
मुरादाबाद ।

MoU: MNN and Health Department for Smart City Support

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life its citizens, a clean and sustainable environment and application of 'Smart' solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad one of the candidate city for Smart City Mission from state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MNN is the nodal agency for Smart City project and formed Special Purpose Vehicle (SPV) with State Government for Planning, Designing, Financing, Implementation, Operation and Maintenance of Smart City Projects vide **OM No:1205/No:5-2016-11Serial/16, dated: 16-04-2016.**
- C. Department of Medical, Health and Family Welfare, Moradabad, Government of Uttar Pradesh, is playing a vital role in improving the health status & quality of living of the People of Uttar Pradesh.
- D. MNN and Medical, Health and Family Welfare, Moradabad, Government of Uttar Pradesh, have evinced interest in exploring possibility.

Now, pursuant to the ongoing discussions between the parties, this MoU purports to summarize the principal terms of intended engagement. This MoU records the preliminary understanding between them.

1. Purpose

The Purpose of this MoU is to define area of collaboration between MNN and the Medical, Health and Family Welfare, Moradabad, Government of Uttar Pradesh for planning, designing, financing, implementation, operation and maintenance of health services of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

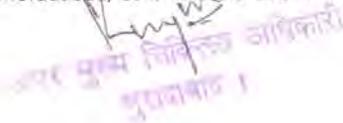
2. Area of Collaboration

The areas of collaboration between the Parties will be for achieving necessary convergence in providing 24x7 health services with integrated hospital, services and facilities. The department will also provide its services in necessary infrastructure and coordination in planning, designing, financing, implementation, operations and maintenance of such facilities and shall exchange necessary information required for it.

Department will provide its all health related services in selected area for development of Moradabad to help city to be develop as Smart City.

Department of Medical, Health and Family Welfare,
Moradabad, Government of Uttar Pradesh

Moradabad Nagar Nigam


 Health Department
 Moradabad

MoU: MNN and Health Department for Smart City Support

The Parties agree that this MoU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties.

3. Non-exclusivity

The relationship of the Parties under this MoU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MoU shall be valid for a period of 5 (Five) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.

This MoU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MoU shall be treated as null and void.

5. 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.

6. 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.

7. Expenses

Department of Medical, Health and Family Welfare,
Moradabad, Government of Uttar Pradesh

Moradabad Nagar Nigam

अपर मुख्य चिकित्सा अधिकारी
मुरादाबाद ।

MoU: MNN and Health Department for Smart City Support

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MoU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MNN and the Department of Medical, Health and Family Welfare, Moradabad, Government of Uttar Pradesh, acknowledge that they have entered into this MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MoU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MoU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MoU.

In witnesses whereof the parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

**For and on behalf of Moradabad
Nagar Nigam**


नगर निगम, मुरादाबाद
(Authorized Signatory)

Name:
Designation:

Witness 1:

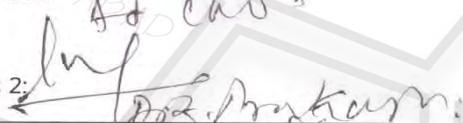

20/04/17
Department of Medical, Health and Family Welfare,
Moradabad, Government of Uttar Pradesh

**On behalf of Department of Medical,
Health and Family Welfare, Moradabad,
Government of Uttar Pradesh.**

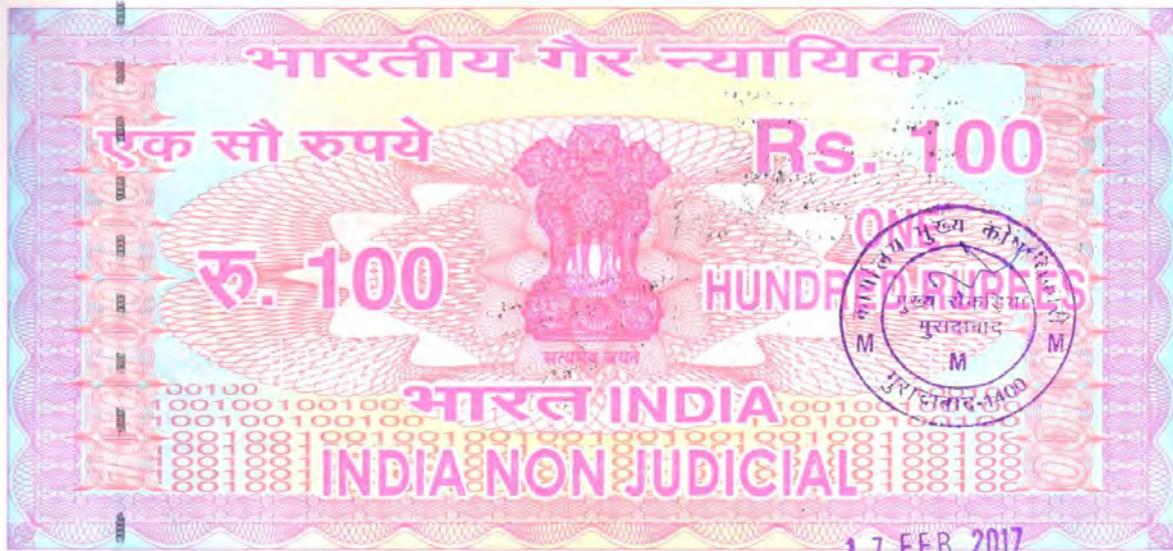

(Authorized Signatory)

Name:
Designation:

Witness 2:


Moradabad Nagar Nigam

MoU: MNN and Education Department for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

DF 840051

MEMORANDUM OF UNDERSTANDING

(District Inspector Of Schools, Moradabad, GoUP- Moradabad Nagar Nigam)

This Memorandum of Understanding (hereinafter referred to as the MoU) is entered into Moradabad (city) on 18th of March, 2017.

BY AND BETWEEN

Moradabad Nagar Nigam, a body constituted under the Municipal Act-2 of 1959, having its principal office at Town Hall, Moradabad (hereinafter referred to as "MNN" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) at **One Part**.

AND

District Inspector Of Schools, Moradabad, GoUP (which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as 'Parties' and individually as 'Party' on the context demands).

Department of Education, Government of Uttar Pradesh

Moradabad Nagar Nigam

MoU: MNN and Education Department for Smart City Support

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life its citizens, a clean and sustainable environment and application of 'Smart' solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad one of the candidate city for Smart City Mission from state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MNN is the nodal agency for Smart City project and formed Special Purpose Vehicle (SPV) with State Government for Planning, Designing, Financing, Implementation, Operation and Maintenance of Smart City Projects vide **OM No:1205/No:5-2016-11Serial/16, dated: 16-04-2016.**
- C. District Inspector Of Schools, Moradabad, Government of Uttar Pradesh, is playing a vital role in providing the quality education by the means of different wings of department as Primary, Secondary and Higher Education department.
- D. MNN and District Inspector Of Schools, Moradabad, Government of Uttar Pradesh, have evinced interest in exploring possibility.

Now, pursuant to the ongoing discussions between the parties, this MoU purports to summarize the principal terms of intended engagement. This MoU records the preliminary understanding between them.

1. Purpose

The Purpose of this MOU is to define area of collaboration between MNN and the District Inspector Of Schools, Moradabad, Government of Uttar Pradesh for planning, designing, financing, implementation, operation and maintenance of educational services of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

Development of qualitative Smart and Integrated education system will be focus of point from District Inspector Of Schools, Moradabad, Government of Uttar Pradesh.

2. Area of Collaboration

The areas of collaboration between the Parties will be for achieving necessary convergence in providing basic educational services which will be smart and integrated with existing educational institutes of all stages and also provide its services in necessary infrastructure and coordination in planning, designing, financing, implementation, operations and maintenance of such facilities and shall exchange necessary information required for it.

Department of Education, Government of Uttar Pradesh

Moradabad Nagar Nigam

MoU: MNN and Education Department for Smart City Support

Department will provide its all services in selected area for development of Moradabad to help city to be develop as Smart City and will help in development of integrated & smart educational system.

The Parties agree that this MoU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties.

3. Non-exclusivity

The relationship of the Parties under this MoU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MoU shall be valid for a period of 5 (Five) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.

This MoU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MOU shall be treated as null and void.

5. 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.

6. 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.

Department of Education, Government of Uttar Pradesh

Moradabad Nagar Nigam

MoU: MNN and Education Department for Smart City Support

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MoU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MNN and the District Inspector Of Schools, Moradabad, Government of Uttar Pradesh, acknowledge that they have entered into this MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MoU shall attract no liability whatsoever to either of the Parties.

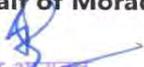
12. Governing Law

This MoU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MoU.

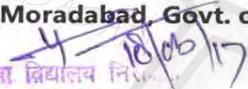
13 - There will be no responsibility on behave of District Inspectors of Schools, Moradabad to bear any fancial matter to carrying out the obligations under this MoU.

In witnesses whereof the parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

For and On behalf of Moradabad Nagar Nigam


नगर आयुक्त
नगर निगम, मुरादाबाद

On behalf of District Inspector Of Schools, Moradabad, Govt. of U.P.


जिला विद्यालय निरीक्षक
मुरादाबाद

Department of Education, Government of Uttar Pradesh

Moradabad Nagar Nigam

MoU: MNN and RTO for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

17 FEB 2017

DF 840056

MEMORANDUM OF UNDERSTANDING

(REGIONAL TRANSPORT OFFICE, MORADABAD - MORADABAD NAGAR NIGAM)

This Memorandum of Understanding (hereinafter referred to as the MoU) is entered into Moradabad (city) on 18 of March, 2017.

BY AND BETWEEN

Moradabad Nagar Nigam, a body constituted under the Municipal Act-2 of 1959, having its principal office at Town Hall, Moradabad (hereinafter referred to as "MNN" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) at **One Part**.

AND

Regional Transport Officer, Moradabad (which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as 'Parties' and individually as 'Party' on the context demands).

Regional Transport Office, Moradabad

Moradabad Nagar Nigam

MoU: MNN and RTO for Smart City Support

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life its citizens, a clean and sustainable environment and application of 'Smart' solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad one of the candidate city for Smart City Mission from state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MNN is the nodal agency for Smart City project and formed Special Purpose Vehicle (SPV) with State Government for Planning, Designing, Financing, Implementation, Operation and Maintenance of Smart City Projects vide **OM No:1205/No:5-2016-11Serial/16, dated: 16-04-2016.**
- C. RTO, Moradabad is an Indian government bureau which is responsible for the registration of vehicles and the issue of Driver's Licences in India. Along with this, the RTO is also responsible to collect the one-time road tax during registration, check for vehicle's insurance and clear the pollution test.
- D. MNN and RTO, Moradabad have evinced interest in exploring possibility.

Now, pursuant to the ongoing discussions between the parties, this MoU purports to summarize the principal terms of intended engagement. This MoU records the preliminary understanding between them.

1. Purpose

The Purpose of this MoU is to define area of collaboration between MNN and the RTO, Moradabad. RTO, Moradabad is an Indian government bureau which is responsible for the registration of vehicles and the issue of Driver's Licences in India. Along with this, the RTO is also responsible to collect the one-time road tax during registration, check for vehicle's insurance and clear the pollution test. operates city busses, Gramin Busses, interstate & Intrastate busses in Uttar Pradesh.

The purpose of this MoU is to make understanding between RTO, Moradabad and MNN to have better coordination for public transportation in the city to support selected Smart City area.

2. Area of Collaboration

The areas of collaboration between the Parties will be for achieving necessary convergence in providing basic services which will be smart and integrated with existing industries and also provide its services in necessary infrastructure and

Regional Transport Office, Moradabad

Moradabad Nagar Nigam

द्वितीयक सम्मानित अधिकारी
(शासन) मुरादाबाद

MoU: MNN and RTO for Smart City Support

coordination in planning, designing, financing, implementation, operations and maintenance of such facilities and shall exchange necessary information required for it.

Department will provide its all services in selected area for development of Moradabad to help city to be develop as Smart City and will help in development of integrated & smart system by proper monitoring of pollution levels periodically.

The Parties agree that this MoU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties.

3. Non-exclusivity

The relationship of the Parties under this MoU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MoU shall be valid for a period of 5 (Five) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.

This MoU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MoU shall be treated as null and void.

5. 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.

6. 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

Regional Transport Office, Moradabad

Moradabad Nagar Nigam


 क्षेत्रीय परिवहन कार्यालय
 (मोरादाबाद)



MoU: MNN and RTO for Smart City Support

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.

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MoU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MNN and RTO, Moradabad acknowledge that they have entered into this MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MoU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MoU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MoU.

In witnesses whereof the parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

For and On behalf of Moradabad Nagar Nigam


नगर आयुक्त
नगर निगम, मुरादाबाद

On behalf of Regional Transport Office, Moradabad


सहायक क्षेत्रीय परिवहन आयुक्तारी
(प्रशासनिक) मुरादाबाद

Regional Transport Office, Moradabad

Moradabad Nagar Nigam

MoU: MNN and SEL for Smart City Support



उत्तर प्रदेश UTTAR PRADESH

17 FEB 2017

DF 840050

MEMORANDUM OF UNDERSTANDING

(SITI Energy Ltd. - MORADABAD NAGAR NIGAM)

This Memorandum of Understanding (hereinafter referred to as the MoU) is entered into Moradabad (city) on 13 of March, 2017.

BY AND BETWEEN

Moradabad Nagar Nigam, a body constituted under the Municipal Act-2 of 1959, having its principal office at Town Hall, Moradabad (hereinafter referred to as "MNN" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) at **One Part**.

AND

SITI Energy Limited, a company incorporated and registered under the provisions of the Companies Act, 2013 and having its registered office at Lodhipur, Moradabad (hereinafter referred to as "SEL" which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as 'Parties' and individually as 'Party' on the context demands).

SITI Energy Limited

Moradabad Nagar Nigam

MoU: MNN and SEL for Smart City Support

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life its citizens, a clean and sustainable environment and application of 'Smart' solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad one of the candidate city for Smart City Mission from state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MNN is the nodal agency for Smart City project and formed Special Purpose Vehicle (SPV) with State Government for Planning, Designing, Financing, Implementation, Operation and Maintenance of Smart City Projects vide **OM No:1205/No:5-2016-11Serial/16, dated: 16-04-2016.**
- C. SEL was constituted for developing City Gas Distribution project in Moradabad. SEL currently distributes PNG and CNG in Moradabad. SEL has been entrusted with the responsibility of upgrading and maintaining PNG network and distribution of CNG throughout Moradabad city and development of underground gas pipeline in proposed smart city area.
- D. MNN and SEL have been discussing the Moradabad Smart City Proposal including projects in the area selected for combination of retrofitting and redevelopment under Area Based Development.

Now, pursuant to the ongoing discussions between the parties, this MoU purports to summarize the principal terms of intended engagement. This MoU records the preliminary understanding between them.

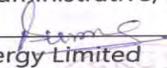
1. Purpose

2. The Purpose of this MOU is to define area of collaboration between MNN and the SITI Energy Ltd. for planning, designing, financing, implementation, operation and maintenance of services of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

3. Area of Collaboration

The areas of collaboration between the Parties will be for achieving necessary convergence in providing underground Piped Gas system to all household with smart metering and necessary infrastructure and coordination in planning, designing, financing, implementation, operations and maintenance of such facilities and shall exchange necessary information required for it.

The Parties shall jointly undertake the assessment of feasibility for the smart city projects and communicate to other Party the support (physical, regulatory, administrative, manpower or otherwise) it requires for the project. The Parties agree to


SITI Energy Limited


Moradabad Nagar Nigam

MoU: MNN and SEL for Smart City Support

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life its citizens, a clean and sustainable environment and application of 'Smart' solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad one of the candidate city for Smart City Mission from state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MNN is the nodal agency for Smart City project and formed Special Purpose Vehicle (SPV) with State Government for Planning, Designing, Financing, Implementation, Operation and Maintenance of Smart City Projects vide **OM No:1205/No:5-2016-11Serial/16, dated: 16-04-2016.**
- C. SEL was constituted for developing City Gas Distribution project in Moradabad. SEL currently distributes PNG and CNG in Moradabad. SEL has been entrusted with the responsibility of upgrading and maintaining PNG network and distribution of CNG throughout Moradabad city and development of underground gas pipeline in proposed smart city area.
- D. MNN and SEL have been discussing the Moradabad Smart City Proposal including projects in the area selected for combination of retrofitting and redevelopment under Area Based Development.

Now, pursuant to the ongoing discussions between the parties, this MoU purports to summarize the principal terms of intended engagement. This MoU records the preliminary understanding between them.

1. Purpose

2. The Purpose of this MOU is to define area of collaboration between MNN and the SITI Energy Ltd. for planning, designing, financing, implementation, operation and maintenance of services of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

3. Area of Collaboration

The areas of collaboration between the Parties will be for achieving necessary convergence in providing underground Piped Gas system to all household with smart metering and necessary infrastructure and coordination in planning, designing, financing, implementation, operations and maintenance of such facilities and shall exchange necessary information required for it.

The Parties shall jointly undertake the assessment of feasibility for the smart city projects and communicate to other Party the support (physical, regulatory, administrative, manpower or otherwise) it requires for the project. The Parties agree to

SITI Energy Limited

Moradabad Nagar Nigam

MoU: MNN and SEL for Smart City Support

congregate funds available to it (viz. Smart City Mission Grants, Integrated Power Development Scheme etc. for funding the projects).

The Parties also agree that this MoU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties.

4. Non-exclusivity

The relationship of the Parties under this MoU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

5. Term and Termination

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MoU shall be valid for a period of 5 (Five) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.

This MoU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MoU shall be treated as null and void.

6. 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.

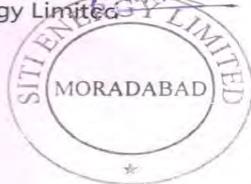
7. Confidentiality

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.

8. Expenses

SITI Energy Limited

Moradabad Nagar Nigam



MoU: MNN and SEL for Smart City Support

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MoU.

9. 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 shall continue to be valid and binding on the Parties hereto.

10. Representation

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

11. Cooperation

MNN and SITI Energy Limited acknowledge that they have entered into this MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

12. Liability

This MoU shall attract no liability whatsoever to either of the Parties.

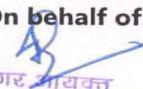
13. Governing Law

This MoU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MoU.

In witnesses whereof the Parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

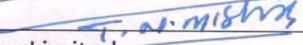
In witnesses whereof the parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

For and On behalf of Moradabad Nagar
Nigam

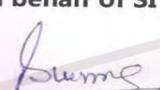

नगर आयुक्त
बखर निगम, मुरादाबाद
(Authorized Signatory)

Name:
Designation:

Witness 1:



SITI Energy Limited

On behalf of SITI Energy Limited


(Authorized Signatory)

Name: SATISH CHANDRA VERMA
Designation: DGM - City Gas

Witness 2:


Moradabad Nagar Nigam

MoU: MNN and Basic Education Department



उत्तर प्रदेश UTTAR PRADESH

10 FEB 2017

DF 799508

MEMORANDUM OF UNDERSTANDING

(Department of Basic Education, GoUP- Moradabad Nagar Nigam)

This Memorandum of Understanding (hereinafter referred to as the MoU) is entered into Moradabad (city) on 16 of March, 2017.

BY AND BETWEEN

Moradabad Nagar Nigam, a body constituted under the Municipal Act-2 of 1959, having its principal office at Town Hall, Moradabad (hereinafter referred to as "MNN" which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) at **One Part**.

AND

Department of Basic Education, Moradabad, GoUP(which expression shall, unless it be repugnant to the context or meaning thereof, include its successors) of **Second Part**

(Hereinafter the parties of the First Part and Second Part are collectively referred to as 'Parties' and individually as 'Party' on the context demands).


Department of Education, Government of Uttar Pradesh


Moradabad Nagar Nigam

MoU: MNN and Basic Education Department

WHEREAS:

- A. Ministry of Urban Development, Government of India has launched Smart City Mission in 2015 with an objective is to promote cities that provide core infrastructure and give a decent quality of life its citizens, a clean and sustainable environment and application of 'Smart' solutions. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. The initiative intends to develop 100 cities and towns in the country as smart cities.
- B. Moradabad one of the candidate city for Smart City Mission from state of Uttar Pradesh and is participating in the challenge round by submitting its Smart City Proposal. MNN is the nodal agency for Smart City project and formed Special Purpose Vehicle (SPV) with State Government for Planning, Designing, Financing, Implementation, Operation and Maintenance of Smart City Projects vide **OM No:1205/No:5-2016-11Serial/16, dated: 16-04-2016.**
- C. Department of Basic Education, Moradabad, Government of Uttar Pradesh, is playing a vital role in providing the quality education by the means of different wings of department as Primary, Secondary and Higher Education department.
- D. MNN and Department of Basic Education, Moradabad, Government of Uttar Pradesh, have evinced interest in exploring possibility.

Now, pursuant to the ongoing discussions between the parties, this MoU purports to summarize the principal terms of intended engagement. This MoU records the preliminary understanding between them.

1. Purpose

The Purpose of this MOU is to define area of collaboration between MNN and the Department of Basic Education, Moradabad, Government of Uttar Pradesh for planning, designing, financing, implementation, operation and maintenance of educational services of proposed Smart City Projects in Moradabad under Smart City Mission of Government of India.

Development of qualitative Smart and Integrated education system will be focus of point from Department of Basic Education, Moradabad, Government of Uttar Pradesh.

2. Area of Collaboration

The areas of collaboration between the Parties will be for achieving necessary convergence in providing basic educational services which will be smart and integrated with existing educational institutes of all stages and also provide its services in necessary infrastructure and coordination in planning, designing, financing, implementation, operations and maintenance of such facilities and shall exchange necessary information required for it.

Department of Education, Government of Uttar Pradesh

Moradabad Nagar Nigam

MoU: MNN and Basic Education Department

Department will provide its all services in selected area for development of Moradabad to help city to be develop as Smart City and will help in development of integrated & smart educational system.

The Parties agree that this MoU does not constitute legally-binding commitment in respect of the possible partnership. Definitive agreement shall be subject to further negotiation between the Parties and the due diligence to be conducted by the Parties.

3. Non-exclusivity

The relationship of the Parties under this MoU shall be non-exclusive and both Parties shall be free to pursue other agreements or collaborations of any kind. However, when entering into a definitive agreement related to strategic area, the Parties may agree to limit each Party's right to collaborate with others on that subject.

4. Term and Termination

Both the Parties may terminate this MoU at any time by notice with immediate effect if it reasonably believes that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MoU shall be valid for a period of 5 (Five) years from the date of signing, unless it is terminated earlier:

- i. By way of consummation of a definitive agreement; or
- ii. By either Party for any reason what so ever.

This MoU is issued solely for the purpose of communicating the intent on part of the Parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MOU shall be treated as null and void.

5. 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.

6. 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.

Department of Education, Government of Uttar Pradesh

Moradabad Nagar Nigam

MoU: MNN and Basic Education Department

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MoU.

8. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MNN and the Department of Basic Education, Moradabad, Government of Uttar Pradesh, acknowledge that they have entered into this MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MoU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MoU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MoU.

In witnesses whereof the Parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

In witnesses whereof the parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

For and On behalf of Moradabad Nagar Nigam


नगर आयुक्त
नगर निगम, मुरादाबाद

Department of Education, Government of Uttar Pradesh

On behalf of Department of Basic Education, Moradabad, Govt. of U.P.



Moradabad Nagar Nigam

4.5 MoU: MNN and PRICEWATERHOUSE Coopers (PWC)



उत्तर प्रदेश UTTAR PRADESH

DF 907377

MEMORANDUM OF UNDERSTANDING

(PricewaterhouseCoopers Private Limited - Moradabad Nagar Nigam)

This Memorandum of Understanding (hereinafter referred to as the MoU) is entered into Moradabad (city) on of March, 2017.

BY AND BETWEEN

Moradabad Nagar Nigam body constituted under the Municipal Act-2 of 1959, having its principal office at Town Hall, Moradabad (hereinafter referred to as 'MNN' which expression shall unless excluded by or repugnant to the context, be deemed to include its administrators, successors and assigns) at **One Part**.

AND

PricewaterhouseCoopers Private Limited (PwC), having, Building 8, Tower C, 7th Floor, DLF Cyber City, Gurgaon – 122002, is among the leading professional services networks in the world. We help organisations and individuals create the value they're looking for, by delivering quality in assurance, tax and advisory services of **Second Part**.

(Hereinafter the parties of the First Part and Second Part are collectively referred to as 'Parties' and individually as 'Party' on the context demands).


PricewaterhouseCoopers Private Limited (PwC)


Moradabad Nagar Nigam

4.5 MoU: MNN and PRICEWATERHOUSE Coopers (PWC)

shall exchange necessary information required for feasibility assessment, formulation of project and its financing etc.

PricewaterhouseCoopers Private Limited (PwC), shall undertake the assessment of feasibility for installing, maintain & financing of selected project under the scope of department activities with the help of MNN, GoUP & GoI.

3. **Non-exclusivity**

The relationship of the parties under the MoU shall be non-exclusive and both parties shall be free to pursue other agreements or collaboration of any kind. However, when entering into a definitive agreement related to strategic area, the parties may agree to limit each party's right to collaboration with others on that subject.

4. **Term and Termination**

Both the parties may terminate this MoU at any time by notice with immediate effect if it is reasonably believing that its performance, financial viability or any aspect of it, results, or might breach any legal, regulatory, ethical or audit independence requirement in the jurisdiction, or any other reason. This MoU shall be valid for a period of **five years** from the date of signing, unless it is terminated earlier.

- i. By way of consummation of a definitive agreement or
- ii. By either party for any reason what so ever.

This MoU is issued solely for the purpose of communicating the intent on part of the parties to collaborate with each other. All the terms and conditions shall be finalized on the basis of a definitive agreement. If no definitive agreement is consummated, this MoU shall be treated as null and void.

5. **Non-Disclosure, Confidentiality**

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.

6. **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.


PricewaterhouseCoopers Private Limited (PwC)


Moradabad Nagar Nigam

4.5 MoU: MNN and PRICEWATERHOUSE Coopers (PWC)

7. Expenses

Unless otherwise specifically agreed to in writing by the Parties, each Party shall bear the respective cost of carrying out the obligations under this MoU.

B. 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 shall continue to be valid and binding on the Parties hereto.

9. Representation

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

10. Cooperation

MNN and PricewaterhouseCoopers Private Limited (PwC), acknowledge that they have entered into this MoU in good faith and will cooperate in good faith to achieve the objectives set herein.

11. Liability

This MoU shall attract no liability whatsoever to either of the Parties.

12. Governing Law

This MoU will be governed and construed in accordance with the laws in force in India. The Parties hereby expressly consent to the jurisdiction of Courts in Moradabad for any lawsuit filed, arising from or related to this MoU.

In witnesses whereof the parties hereto have signed this MoU in the presence of witnesses on the day, month and year first above written.

For and On behalf of Moradabad Nagar Nigam

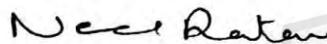

 सगर अहमद
 सगर निगम, मुरादाबाद
 (Authorized Signatory)

Name:
 Designation:

Witness 1:

PricewaterhouseCoopers Private Limited (PwC)

On behalf of PricewaterhouseCoopers Private Limited (PwC)


 (Authorized Signatory)

Name:
 Designation:

Witness 2:

Moradabad Nagar Nigam



Titus High School, Moradabad

Moradabad Regional Conference

The Methodist Church In India

Successor in interest to the

METHODIST CHURCH IN SOUTHERN ASIA

President & Presiding Bishop : BISHOP ~~Chhaya Kumar~~ Anil, K. Soodan

(I CAN DO EVERYTHING THROUGH HIM WHO GIVES ME STRENGTH. PHIL 4:13)

Mrs. Shashi Elgin Singh
Manager

Titus High School
Opp. Police Line Ground
Near Jigar Colony Chauraha
Civil Lines, Moradabad - 244001

Ref.

Date 27.6.16

शेवामे

श्रीमान नमर आयुक्त

नगर निगम, मुरादाबाद

विषय :- स्मार्ट सिटी चैलेंज राउन्ड-02 के अन्तर्गत सोलर पैनल एवं वाटर हार्वैस्टिंग सिस्टम विकसित किये जाने के सम्बन्ध में।

महोदय :

उपरोक्त विषयक अपने कार्यालय पत्रांक 80/स्मार्ट सिटी/नगरिक मु/2016 दिनांक 20.6.16 एवं पत्रांक 91/स्मार्ट सिटी/नगरिक मु/2016 का संदर्भ ग्रहण करते वा कष्ट में।

उक्त के सम्बन्ध में आपको अवगत कराना है कि राउन्ड हाई स्कूल प्रांगण वाटर हार्वैस्टिंग सिस्टम विकसित करने तथा पेटेंट की दृष्ट पर सोलर पैनल लागू में कोई आपत्ति नहीं है। विद्यार्थी सहयोग एवं तत्पर हैं।

भवदीय

(शशी ई. सिंह)

प्रबन्धिका



भारतीय स्टेट बैंक
State Bank of India

मुख्य शाखा :

मिजिल लाइन्स, मुरादाबाद - 244 001 (उ.प्र.)

Main Branch :

Civil Lines, Moradabad - 244 001 (U.P.)

Branch Code : 0682 | Tel : 0591-2479101 | 2479102 | 2479103 | 2479121 | Fax : 0591-2479111

सेवा में
नगर आयुक्त
नगर निगम
मुरादाबाद

दिनांक :

Date :

संदर्भ सं० :

Ref. No. :

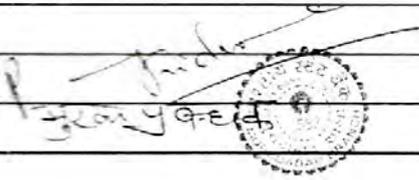
28/06/16
CM/26

प्रति,
महोदय,

स्मार्ट सिटी - चैलेंज राउंड-02 के अंतर्गत
सोलर पैनल श्व वारर हार्वीटिंग सिस्टम
लगाए जाने के संबंध में

उपरोक्त विषय के सूचन में अवगत कराना है
कि निम्नलिखित अधिकारी द्वारा अनुमोदन प्रदान
कर दिया गया है।
सूचनाय प्रेषित

भवदीय


मुख्य अधिकारी





DISTRICT EYE HOSPITAL

Since 1953

प्रेषक

रायिव,
जिला नेत्र चिकित्सालय,
पीली कोठी, सिविल लाइन्स,
मुरादाबाद।

सेवा में,

श्रीमान नगर आयुक्त,
नगर निगम मुरादाबाद।

पत्रांक: 95 / DEH / 16-17 दिनांक- 22-06-2016

विषय:- आपके पत्रांक संख्या-73/स्मा0 सि0/ न0 नि0 मु0/2016 के सम्बन्ध में,

महोदय

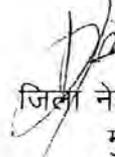
आपके द्वारा दिये गये उपरोक्त पत्रांक के उत्तर में हमें कहना है कि चिकित्सालय की छतों पर सरकार द्वारा सौर पैनल स्थापित किए जाने पर हम कोई आपत्ती नहीं हैं

स्मार्ट सिटी मिशन के उद्देश्य को पूरा करते हुए नगर को स्मार्ट नगर के रूप में परिवर्तित करने के यत्न के लिए हार्दिक बधाई

हमारी मदद हमारे एक साथ

सन्तोष

भवदिय


सचिव
जिला नेत्र चिकित्सालय
मुरादाबाद

(Managed by : DISTRICT EYE RELIEF SOCIETY)

Pili Kothi, Civil Lines, Moradabad - 244001 • Tel : 0591- 2420630, 2412355
Mob : 7500525354, 7500172555 • E-mail : dehmbd@gmail.com



ESTD - 1913

MORADABAD CLUB (PVT.) LTD.

CIVIL LINES, MORADABAD - 244 001 (U.P.)

Tel. : 2410457 / 2414641 • E-mail : moradabadclub@gmail.com

सेवा में
नगर निगम
नगर निगम मुरादाबाद

पत्रांक नं० १०६/मुरा०/सामान्य / 2015-2016

दिनांक 27-06-2016

विषय नगर सिटी चैलेंज राउंड के अंतर्गत वाटर हार्वैस्टिंग सिस्टम एवं सोलर पैनल लगाए जाने के सम्बन्ध में

सन्दर्भ नं० पत्रांक 74 / सम० सिटी /न० नि० मु० /2016

दिनांक 20-06-2016

सन्दर्भ नं० पत्रांक 97 / सम० सिटी /न० नि० मु० /2016

दिनांक 21-06-2016

महोदय

आपके कार्यालय द्वारा प्राप्त उपरोक्त संदर्भित पत्रों के सन्दर्भ में नगर निगम द्वारा स्मार्ट सिटी चैलेंज राउंड -०२ के अंतर्गत मुरादाबाद क्लब में वाटर हार्वैस्टिंग सिस्टम एवं सोलर पैनल विभागीय नियमानुसार लगाने हेतु मुरादाबाद क्लब की एतद्द्वारा सहमति स्वीकृत की जाती है।

इसे सक्षम अधिकारी का अनुमोदन प्राप्त है।

डा० एस० बी० राज
सेक्रेटरी

GLORIFY YOUR CLUB & BE GLORIFIED YOURSELF.

कार्यालय महाप्रबंधक दूरसंचार जिला मुरादाबाद
मुख्य दूरभाष केन्द्र, मुरादाबाद-244001
O/O General Manager Telecom District Moradabad
Main Telephone Exchange Building, Moradabad-244001



भारत संचार निगम लिमिटेड
(भारत सरकार का उद्यम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

सेवा में,

✓ नगर आयुक्त,
नगर निगम, मुरादाबाद।

पत्रांक : म0प्र0दू0 / मुरा0 / सामान्य / 2015-16 /

दिनांक 27.06.2016

विषय : स्मार्ट सिटी चैलेन्ज राउण्ड के अंतर्गत वाटर हार्वैस्टिंग सिस्टम एवं सोलर पैनल लगाए जाने के सम्बन्ध में।

संदर्भ : 1) पत्रांक : 72 / स्वा0सि0 / न0नि0मु0 / 2016 दिनांक 20.06.2016
2) पत्रांक : 99 / स्वा0सि0 / न0नि0मु0 / 2016 दिनांक 21.06.2016

आपके कार्यालय द्वारा प्राप्त उपरोक्त संदर्भित पत्रों के संदर्भ में नगर निगम द्वारा स्मार्ट सिटी चैलेन्ज राउण्ड-02 के अंतर्गत मुख्य दूरभाष केन्द्र भवन मुरादाबाद में वाटर हार्वैस्टिंग सिस्टम एवं सोलर पैनल विभागीय नियमानुसार लगाने हेतु बीएसएनएल मुरादाबाद की एतद्वारा सहमति सम्प्रेषित की जाती है। इसे सक्षम प्राधिकारी का अनुमोदन प्राप्त है।

M. Anwar 27.6.16
सहायक महाप्रबंधक (प्रशासन)

कार्यालय महाप्रबंधक दूरसंचार जिला मुरादाबाद



GOVERNMENT OF INDIA
OFFICE OF THE
PRINCIPAL COMMISSIONER OF INCOME TAX,
AAYAKAR BHAWAN, CIVIL LINES,
MORADABAD-244001

F.No. PCIT/MBD/Misc./2016-17/

Dated: 27-06-2016

To

The Municipal Commissioner
Nagar Nigam
Moradabad

Sir,

Subject:- Installation of Solar & Water Harvesting System– regarding.

Kindly refer to your office letters dated 20.06.2016 & 21.06.2016 on the above cited subject.

2. In this regard, I am directed to inform you that the Income Tax Department, Moradabad has no objection to this above proposal of Nagar Nigam vide letter F. No. 65/106/Smart City/NNM/2016 provided that there is no damage to the building of the department.

Yours faithfully,


(Pankaj Khattri)
Income Tax Office(Hq.)
O/o Pr. Commissioner of Income Tax,
Moradabad.

प्रेषक :-

मो 9837041412

प्रबन्धक/प्रधानाचार्य

आर. एन. इण्टर कॉलेज

मुरादाबाद - 244001

सेवा में :

नगर आयुक्त

नगर निगम

मुरादाबाद

पत्रांक. मेमो. 7/16-17

दिनांक 27/6/2016

विषय स्मार्ट सिटी-कॉन्डिशन राउंड-02 के संदर्भ में।

महोदय

आपके पत्रांक सं- 83/स्मा. सिं./नं. नि. मुं./2016 दिनांक 20-6-2016 एवं पत्रांक सं- 88/स्मा. सिं./नं. नि. मुं./2016 दिनांक 21-6-2016 के संदर्भ में सूचनाएं उपरि लिखित हैं कि आपके द्वारा स्मार्ट सिटी मिशन के अंतर्गत उपर्युक्त क्षेत्रों में स्मॉल पी.वी.के द्वारा स्थापित वाटर हार्नेसिंग सिस्टम एवं सोलर पैनल लगाये जाने के लिये विधानय को किसी भी प्रकार की कोई आपत्ति नहीं है तथा विधानय स्तर पर अतः कार्य सम्बन्धित किसी भी प्रकार को व्यय नहीं किया जायेगा।

भवदीय



ACTING/PRINCIPAL
R. N. INTER COLLEGE
MORADABAD

दूरभाष-0591-2412192

फैक्स-0591-2415522

Dgm_eudcmbd@yahoo.co.in
CIN No. U31200UP2003SGC027458कार्यालय अधीक्षण अभियन्ता
OFFICE OF THE SUPERINTENDING
ENGINEERविद्युत नगरीय वितरण मण्डल
ELECTRICITY URBAN DISTRIBUTION
CIRCLE33/11 के०वी० विद्युत उपकेन्द्र पीलीकोठी, कम्पनी बाग
33/11 KV SUBSTATION
PILIKOTHI, COMPANY BAGH
मुरादाबाद-244001
MORADABAD-244001

पत्रांक 2436 -वि०न०वि०मं०(मु०)/ स्मार्ट सिटी दिनांक 28/06/16

विषय: - स्मार्ट सिटी चैलेन्ज राउण्ड-02 के अन्तर्गत वाटर हार्वैस्टिंग सिस्टम विकसित किये जाने के सम्बन्ध में।

नगर आयुक्त
नगर निगम
मुरादाबाद।

कृपया उपरोक्त विषयक आप अपने कार्यालय के पत्र संख्या 101/ स्मार्० सि० / न०नि०मु०/2016 दिनांक 21.06.2016 का अवलोकन करने की कृपा करें, जिसके द्वारा आपने समस्त सरकारी/अर्द्धसरकारी कार्यालय स्कूल एवं विद्यालय भवन में वाटर हार्वैस्टिंग सिस्टम विकसित करने के सम्बन्ध में सहमति प्रदान करने हेतु अनुरोध किया है।

इस संदर्भ में आपको अवगत कराना है कि इस मण्डल को वाटर हार्वैस्टिंग सिस्टम विकसित करने के सम्बन्ध में कोई आपत्ति नहीं है।

(संजय अग्रवाल)
अधीक्षण अभियन्ता

पत्रांक -वि०न०वि०मं०(मु०)/ स्मार्ट सिटी दिनांक

प्रतिलिपि निम्नलिखित को सूचनाय एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मुख्य अभियन्ता(वि०) मुरादाबाद क्षेत्र, मुरादाबाद।
2. अधिशासी अभियन्ता, विद्युत नगरीय वितरण खण्ड-प्रथम/द्वितीय/तृतीय, मुरादाबाद।
3. अधिशासी अभियन्ता, विद्युत नगरीय परीक्षण खण्ड, मुरादाबाद।

(संजय अग्रवाल)
अधीक्षण अभियन्ता

जिला सैनिक कल्याण एवं पुनर्वास कार्यालय मुरादाबाद

सेवा में,
नगर आयुक्त
नगर निगम मुरादाबाद

पत्रांक सं० जि०सै०क०/स्मा०सि०/५६२/२०१६

दिनांक २४ जून २०१६

विषय:- स्मार्ट सिटी चैलेंज राउंड के अंतर्गत वाटर हार्वैस्टिंग एवं सोलर पैनल लगाए जाने सम्बन्ध में।

महोदय,

आपके पत्रांक संख्या ७७/स्मा०सि०/न०नि०मु०/२०१६ दिनांक २०.०६.२०१६ और पत्र संख्या ९४/स्मा०सि०/न०नि०मु०/२०१६ दिनांक २१.०६.२०१६ के संदर्भ में नगर निगम द्वारा स्मार्ट सिटी चैलेंज राउंड .०२ के अंतर्गत जिला सैनिक कल्याण एवं पुनर्वास कार्यालय मुरादाबाद में वाटर आर्वैस्टिंग सिस्टम एवं सोलर पैनल विभागीय नियमानुसार लगाने हेतु जिला सैनिक कल्याण एवं पुनर्वास कार्यालय मुरादाबाद की एतद्वारा सहमति सम्प्रेषित की जाती है।



पो०(मेजर वी० के सिंह अ०प्रा०)
जिला सैनिक कल्याण एवं
पुनर्वास अधिकारी मुरादाबाद



Titus High School, Moradabad

Moradabad Regional Conference

The Methodist Church In India

Successor in interest to the

METHODIST CHURCH IN SOUTHERN ASIA

President & Presiding Bishop : BISHOP ~~Chhaya Kumar~~ Anil, K. Sarwan

(I CAN DO EVERYTHING THROUGH HIM WHO GIVES ME STRENGTH. PHIL 4:13)

Mrs. Shashi Elgin Singh
Manager

Titus High School
Opp. Police Line Ground
Near Jigar Colony Chauraha
Civil Lines, Moradabad - 244001

Ref.

Date 27.6.16

शेतामें
धीमान नगर आयुक्त
नगर निगम, मुरादाबाद

विषय :- स्मार्ट सिटी चैलेंज राउंड - 02 के अन्तर्गत सोलर पैनल एवं वाटर लैवस्टिंग सिस्टम विकसित क्रियेजाने के सम्बन्ध में।

महोदय : उपरोक्त विषयक अपने कार्यालय पत्रांक 80/स्मार्ट सिटी/नफि मु/ 2016 दिनांक 20.6.16 एवं पत्रांक 91/स्मार्ट सिटी/नफि मु/ 2016 का संदर्भ ग्रहण करते वा कष्ट को।
उक्त के सम्बन्ध में आपको अवगत करना है कि शहर हाई स्कूल प्रांगण वाटर लैवस्टिंग सिस्टम विकसित करने तथा पक्कालत की दृष्ट पर सोलर पैनल लागाने में कोई आपत्ति नहीं है। विद्यार्थ्य सहयोग देव तत्पर है।

अवधि
(शशी इंग्लैंड)
प्रबन्धिका

मुरादाबाद जिला सहकारी बैंक लि०, मुरादाबाद

क्र. १६ / विकास / 2016-17

दिनांक 21.06.16

नगर आयुक्त,
नगर निगम, मुरादाबाद।

विषय:- स्मार्ट सिटी चैलेंज राउन्ड-02 के अर्न्तगत वाटर हार्वैस्टिंग सिस्टम विकसित करने हेतु सहमति देने के सम्बन्ध में।

महोदय,

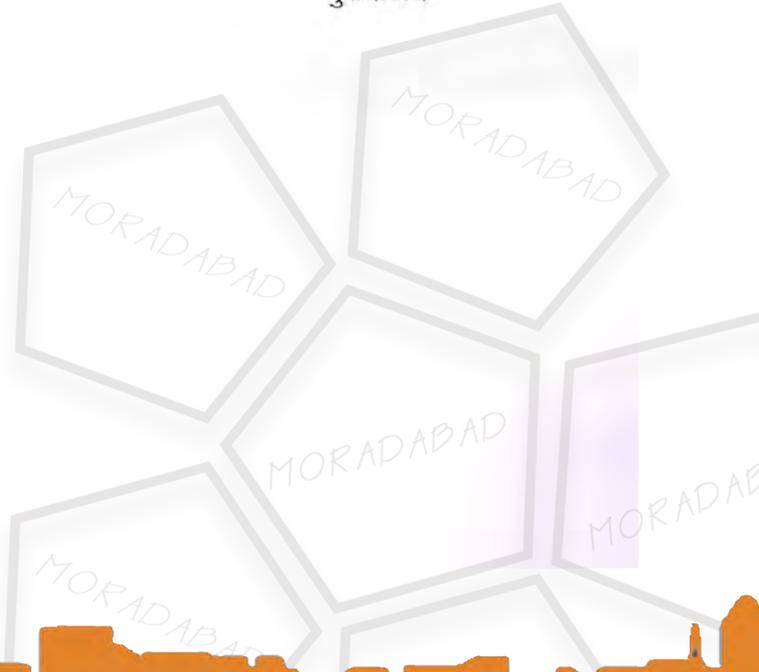
उपर्युक्त विषय सन्दर्भ में अपने कार्यालय पत्रांक 95/स्मा०सि०/न०नि०मु०/2016 दिनांक 21.06.2016 का अवलोकन करने का कष्ट करें। जिसके द्वारा आपने मुरादाबाद जिले की भूगर्भीय जल संसाधन बढ़ाने हेतु भारत सरकार के स्मार्ट सिटी मिशन के अर्न्तगत उपलब्ध धन से ए०पी०बी० द्वारा समस्त सरकारी अर्धसरकारी कार्यालय के भवन में वाटर हार्वैस्टिंग सिस्टम विकसित किये जाने पर औपचारिक सहमति प्रदान करने की अपेक्षा की गयी है।

उक्त के सम्बन्ध में अवगत कराना है कि यदि भारत सरकार द्वारा स्मार्ट सिटी मिशन के अर्न्तगत उपलब्ध धन से ए०पी०बी० द्वारा मुरादाबाद जिला सहकारी बैंक लि० के भवन में वाटर हार्वैस्टिंग सिस्टम स्थापित किया जाता है तो जिला सहकारी बैंक लि०, मुरादाबाद को कोई आपत्ति नहीं होगी।

भवदीय

सचिव / मुख्यकार्यपालक अधिकारी
मुरादाबाद जिला सहकारी बैंक लि०
मुरादाबाद

21/6/16



कार्यालय महाप्रबंधक दूरसंचार जिला मुरादाबाद
मुख्य दूरभाष केन्द्र, मुरादाबाद-244001
O/O General Manager Telecom District Moradabad
Main Telephone Exchange Building, Moradabad-244001



भारत संचार निगम लिमिटेड
(भारत सरकार का उद्यम)
BHARAT SANCHAR NIGAM LIMITED
A Govt. of India Enterprise

सेवा में

✓ नगर आयुक्त,
नगर निगम, मुरादाबाद।

पत्रांक म0प्र0दू0/मुरा0/सामान्य/2015-16/

दिनांक 27.06.2016

विषय : स्मार्ट सिटी चैलेन्ज राउण्ड के अंतर्गत वाटर हार्वैस्टिंग सिस्टम एवं सोलर पैनल लगाए जाने के सम्बन्ध में।

संदर्भ : 1) पत्रांक : 72/स्वा0सि0/न0नि0मु0/2016 दिनांक 20.06.2016
2) पत्रांक : 99/स्वा0सि0/न0नि0मु0/2016 दिनांक 21.06.2016

आपके कार्यालय द्वारा प्राप्त उपरोक्त संदर्भित पत्रों के संदर्भ में नगर निगम द्वारा स्मार्ट सिटी चैलेन्ज राउण्ड-02 के अंतर्गत मुख्य दूरभाष केन्द्र भवन मुरादाबाद में वाटर हार्वैस्टिंग सिस्टम एवं सोलर पैनल विभागीय नियमानुसार लगाने हेतु बीएसएनएल मुरादाबाद की एतद्वारा सहमति सम्प्रेषित की जाती है। इसे सक्षम प्राधिकारी का अनुमोदन प्राप्त है।

Man 27.6.16
सहायक महाप्रबंधक (प्रशासन)

कार्यालय महाप्रबंधक दूरसंचार जिला मुरादाबाद

दूरभाष-0591-2412192

फैक्स-0591-2415522

Dgm_eudcmbd@yahoo.co.in

CIN No. U31200UP2003SGC027458



कार्यालय अधीक्षण अभियन्ता
OFFICE OF THE SUPERINTENDING
ENGINEER

विद्युत नगरीय वितरण मण्डल
ELECTRICITY URBAN DISTRIBUTION
CIRCLE

33/11 के०वी० विद्युत उपकेन्द्र पीलीकोठी, कम्पनी बाग
33/11 KV SUBSTATION
PILIKOTHI, COMPANY BAGH
मुरादाबाद-244001
MORADABAD-244001

पत्रांक 2436 -वि०न०वि०मं०(मु०)/ स्मार्ट सिटी दिनांक 28/06/16

विषय: - स्मार्ट सिटी चैलेन्ज राउण्ड-02 के अन्तर्गत वाटर हार्वेस्टिंग सिस्टम विकसित किये जाने के सम्बन्ध में।

नगर आयुक्त
नगर निगम
मुरादाबाद।

कृपया उपरोक्त विषयक आप अपने कार्यालय के पत्र संख्या 101/ स्मार्० सि० / न०नि०मु०/2016 दिनांक 21.06.2016 का अवलोकन करने की कृपा करें, जिसके द्वारा आपने समस्त सरकारी/अर्द्धसरकारी कार्यालय स्कूल एवं विद्यालय भवन में वाटर हार्वेस्टिंग सिस्टम विकसित करने के सम्बन्ध में सहमति प्रदान करने हेतु अनुरोध किया है।

इस संदर्भ में आपको अवगत कराना है कि इस मण्डल को वाटर हार्वेस्टिंग सिस्टम विकसित करने के सम्बन्ध में कोई आपत्ति नहीं है।

(संजय अग्रवाल)
अधीक्षण अभियन्ता

पत्रांक -वि०न०वि०मं०(मु०)/ स्मार्ट सिटी दिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मुख्य अभियन्ता(वि०) मुरादाबाद क्षेत्र, मुरादाबाद।
2. अधिशासी अभियन्ता, विद्युत नगरीय वितरण खण्ड-प्रथम/द्वितीय/तृतीय, मुरादाबाद।
3. अधिशासी अभियन्ता, विद्युत नगरीय परीक्षण खण्ड, मुरादाबाद।

(संजय अग्रवाल)
अधीक्षण अभियन्ता

दूरभाष-0591-2412192

फैक्स-0591-2415522

Dgm_eudcmbd@yahoo.co.in
CIN No U31200UP2003SGC027458

कार्यालय अधीक्षण अभियन्ता

OFFICE OF THE SUPERINTENDING
ENGINEERविद्युत नगरीय वितरण मण्डल
ELECTRICITY URBAN DISTRIBUTION
CIRCLE33/11 के0वी0 विद्युत उपकेन्द्र पीलीकोठी, कम्पनी बाग
33/11 KV SUBSTATION
PILIKOTHI, COMPANY BAGH
मुरादाबाद-244001
MORADABAD-244001

पत्रांक 2437-वि0न0वि0मं0(मु0)/ स्मार्ट सिटी दिनांक 28/06/16

विषय: - स्मार्ट सिटी चैलेन्ज राउण्ड-02 के अन्तर्गत सोलर पैनल लगाये जाने के सम्बन्ध में।

नगर आयुक्त
नगर निगम
मुरादाबाद।

कृपया उपरोक्त विषयक आप अपने कार्यालय के पत्र संख्या 70/ स्मार्0 सि0 / न0नि0मु0/2016 दिनांक 20.06.2016 का अवलोकन करने की कृपा करें, जिसके द्वारा आपने समस्त सरकारी/अर्द्धसरकारी कार्यालय स्कूल एवं विद्यालय भवन की छत पर सोलर पैनल लगाये जाने के सम्बन्ध में सहमति प्रदान करने हेतु अनुरोध किया है।

इस संदर्भ में आपको अवगत कराना है कि इस मण्डल को सोलर पैनल लगाये जाने के सम्बन्ध में कोई आपत्ति नहीं है।

(संजय अग्रवाल)
अधीक्षण अभियन्ता

पत्रांक -वि0न0वि0मं0(मु0)/ स्मार्ट सिटी दिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मुख्य अभियन्ता(वि0) मुरादाबाद क्षेत्र, मुरादाबाद।
2. अधिशासी अभियन्ता, विद्युत नगरीय वितरण खण्ड-प्रथम/द्वितीय/तृतीय, मुरादाबाद।
3. अधिशासी अभियन्ता, विद्युत नगरीय परीक्षण खण्ड, मुरादाबाद।

(संजय अग्रवाल)
अधीक्षण अभियन्ता



An Environment Conscious company certified to ISO 14001 Standard

HIMACHAL FUTURISTIC COMMUNICATIONS LTD.

G-70, Ground Floor, Sector-63, Noida - 201307
Uttar Pradesh, India

Tel. : 0120-4628120, Fax : 0120-4628138

Email : projectkanchan@hfcl.com

Website : www.hfcl.com

Ref No HFCL/2016-17/SSB-01

Date 20th June, 2016

To,
The Secretary (Urban Development)
Govt of Uttar Pradesh,
Babu Bhawan,
Lucknow – UP

Subject: Intent for Association with UP Government for Various Upcoming Smart Cities Projects

Dear Sir,

संख्या 11318 / संगठन/2016

We would like to introduce Himachal Futuristic Communications Limited (HFCL Group) - as one of the largest private sector Indian Telecom Infrastructure Solution Provider. Over the past three decades, HFCL has delivered innovative, customized and competitive products and latest solutions in the high technology telecommunications infrastructure sector, thereby enabling its customers to stay ahead of their peers in technology and network efficiency. The Company's activities cover the entire value chain from the manufacturing of leading edge telecommunication products to implementation of telecommunication networks.

HFCL specializes in manufacturing of telecommunication equipment, optical fibre cables and intelligent power systems. As a telecommunication solutions provider, the Company has implemented several Greenfield projects, including the setting up of CDMA & GSM networks, satellite communications, wireless spectrum management and DWDM optical transmission network.

HFCL has implemented over 25,000 2G /3G cell sites and rolled out over 100,000 kilometres of optical fibre cable networks for telecommunication companies, railways, oil & gas industry and high security applications as required by the Defence and internal security establishments. It has a country-wide presence with over 1,200 employees on rolls

HFCL is focused on serving new high growth opportunities in Railways, Homeland Security, and Smart Cities & Defence and specializes in services of design, supply, installation, commissioning, training and maintenance of various security, surveillance & smart city solutions/ systems.

HFCL has vast experience in the said fields below for mission critical deployment and the team has credible exposure in such domains, at all levels of the organisation.

- Integrated Surveillance Systems for critical applications
- Intelligent Traffic Management System
- Highway Traffic Management Systems
- Communication/ Wi-Fi Systems
- Smart Parking/ Lighting Systems
- Any customized solutions of Infrastructure Automation from Security/ Smart Solution perspective

We understand that UP Government is undertaking various projects under the Smart Cities initiative taken by Ministry of Urban Affairs, Government of India and under the various initiatives taken by Urban Development, Government of Uttar Pradesh. We also understand that the Department is working on building up various requirements under these initiatives so as to roll out the services at the earliest for the benefits of Citizens of Uttar Pradesh

HFCL being one of the key players in the industry for providing various Smart City based solution as highlighted above, are very keen to associate with the Government of Uttar Pradesh to share our experiences in the field so that requirements being built up can optimized for an effective implementation of the Smart Cities for driving long terms benefits to the citizens.

Therefore, through this letter we would like to request to you to allocate a suitable time for a meeting as per your convenience so that we could share and demonstrate our experiences.

We are hopeful of a due consideration to our request above at the earliest.

Thanking you,

Yours truly,
For Himachal Futuristic Communications Ltd.,


Sunil Kumar Kulshrestha
President





St. Mary's Senior Sec. School

CIVIL LINES, MORADABAD - 244 001 (U.P.) Tel: 0591-2416928

CBSSE Affiliation No. 1705

Date 27/6/2016.

To,
The Officer
Nagar Nigam.

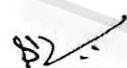
Subject: Installation of Solar & Water Harvesting System.

Dear Sir,

This is to inform you that we have received your letter dated 21.06.2016 regarding the installation of solar & water Harvesting Systems in our Institution.

We have no objection to this above proposal of Nagar Nigam letter 79/92/Smart City/2016. provided there is no damage to the school building and school campus.

Thanking you.
Yours Sincerely.


Principal
St. Mary's Sr. Sec. School
Civil Lines
Moradabad - 244 001 (U.P.)

मुरादाबाद जिला सहकारी बैंक लि०, मुरादाबाद

वर्ष 2016-17

दिनांक 27-06-16

नगर आयुक्त
नगर निगम, मुरादाबाद।

विषय:- स्मार्ट सिटी चैलेन्ज राउन्ड-02 के अर्न्तगत सोलर पैनल लगाने हेतु सहमति के सम्बन्ध में।

महोदय,

उपर्युक्त विषय सन्दर्भ में अपने कार्यालय पत्रांक 76/स्मा०सि०/न०नि०मु०/2016 दिनांक 20.06.2016 का अवलोकन करने का कष्ट करें। जिसके द्वारा आपने भारत सरकार द्वारा स्मार्ट सिटी मिशन के अर्न्तगत उर्जा आवश्यकताओं को कम से कम 10 प्रतिशत गैर परम्परागत ऊर्जा ससाधना से सृजित करने हेतु विशेषकर सोलर पैनल कार्यालय की छत पर स्मार्ट सिटी मिशन के अर्न्तगत उपलब्ध धन से एस०पी०बी० द्वारा स्थापित किये जाने पर औपचारिक सहमति प्रदान किये जाने की अपेक्षा की है।

उक्त के सम्बन्ध में अवगत कराना है कि यदि भारत सरकार द्वारा स्मार्ट सिटी मिशन के अर्न्तगत उपलब्ध धन से एस०पी०बी० द्वारा इस कार्यालय की छत पर सोलर पैनल स्थापित किया जाता है तथा इसका उपयोग पूर्णतः बैंक लिये उपलब्ध रहेगा, तो जिला सहकारी बैंक लि०, मुरादाबाद को काई आपत्ति नहीं होगी।

भवदीय

सचिव/मुख्यकार्यपालक अधिकारी
मुरादाबाद जिला सहकारी बैंक लि०
मुरादाबाद

27/6/16



फाइल नं. 1941/1सी/116

दिनांक 27-6-2016

सेवा

अधिसासी अभियन्ता,
प्रान्तीय खण्ड, लो0नि0वि0,
मुरादाबाद।

सेवा में

नगर आयुक्त,
नगर निगम
मुरादाबाद।

पत्रांक

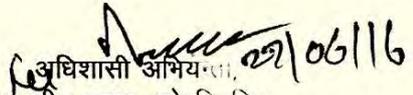
71/स्मा0रि0/न0नि0मु0/2016 दिनांक 20.06.2016 एवं 100/स्मा0रि0/न0नि0मु0
दिनांक 21.06.2016।

विषय :-

स्मार्ट सिटी चैलेन्ज राउट-02 के अन्तर्गत रेनवाटर हार्वेस्टिंग एवं साफ़र पैनल
सिस्टम के सम्बन्ध में।

सन्दर्भ

उपरोक्त विषयक सम्बन्धित अवगत कराना है कि सरकारी भवनों में साफ़र सिस्टम
व रेनवाटर हार्वेस्टिंग विकसित किया जाना है। इस सम्बन्ध में प्रोजेक्ट के अनुरूप विभिन्न
व्ययिता नहीं है।


अधिसासी अभियन्ता,
प्रान्तीय खण्ड, लो0नि0वि0,
मुरादाबाद।

प्रतिलिपि :-

1. मुख्य अभियन्ता, मुरादाबाद क्षेत्र, लो0नि0वि0 मुरादाबाद को।
2. अधीक्षण अभियन्ता, मुरादाबाद वृत्त, लो0नि0वि0 मुरादाबाद को।


अधिसासी अभियन्ता,
प्रान्तीय खण्ड, लो0नि0वि0,
मुरादाबाद।

हमारा प्रयास

आपका सहयोग

सबका विकास



पातल BRASS आर्टिज़न्स सोसायटी



(सामाजिक, औद्योगिक, स्वास्थ्यिक, शैक्षिक, विकास एवं जनहित कार्य)

रजि० कार्यालय: 42, नई मस्जिद, बाग़ गुलाब राय, मुरादाबाद-244001

कैम्प कार्यालय: 175, लाल मस्जिद रोड, मस्जिद के सामने, मुरादाबाद-244001

अध्यक्ष :

एस० ग़ानिम मियाँ

Mob. 98370-66192

E-mail: brass.artisan@gmail.com/ Fax: 0591-2470047- 9058076003

Contact no. 9258697924, 9897861780, 9927271026,

पत्रांक संख्या 449/16

दिनांक 20-06-20

सेवा में,

नगर आयुक्त,

नगर निगम, मुरादाबाद।

विषय

स्मार्ट सिटी चैलेन्ज राउन्ड-2 के अर्न्तगत तैयार स्मार्ट सिटी प्रपोजल के समर्थन एवं सहयोग के संबंध में।

महोदय,

स्मार्ट सिटी मिशन की घोषणा केन्द्र सरकार द्वारा उठया गया एक क्रांतिकारी कदम है। इसके अर्न्तगत नगर निगम द्वारा प्रपोजल तैयार करने के पूर्व सिटीजन पार्टीसिपेशन के लिए चलाया गया कार्यक्रम सराहनीय रहा है।

स्मार्ट सिटी मिशन के प्रोजेक्ट को संचालित करने तथा उसे भविष्य में गतिमान बनाये रखने में हमारे एसोशियेशन की तरफ से पूर्ण सहयोग किया जायेगा। इस मिशन के अर्न्तगत प्रस्तावित कार्यक्रमों, परियोजनाओं में नगर निगम के साथ मिलकर कार्य करने में हमारे संगठन को अत्यन्त प्रसन्नता होगी।

दिनांक

भवदीय,

S. Ghanim





HANDICRAFT DEVELOPMENT SOCIETY[®]

Reg. Office : 176/F16, Opp Ansar Inter College, Prince Road, Moradabad - 244 001
Tel.: 0591- 2324288 Cell : 09219596989, 09456201944, E-mail : artisanhands@hotmail.com

President :
M. Norman Mansoori
Cell : 9219596989

Sr. Vice President :
Anwar Husain Khan
Cell : 9456201944

Vice President :
Shahid Ali Beg
Cell : 9897214813

General Secretary :
Zameer Husain
Cell : 9456639994

Joint Secretary :
Mohd. Laiq Ansari
Cell : 9027340463

Treasurer :
Husain Baksh 'Arif
Cell 9837304641

Org. Secretary :
Irshad Saifi
Cell : 9027358834

Executive Members :
S. Fareed Ali
Cell : 9219279838

Piyush Tandon
Cell : 9997298765

Afsar Ali
Cell : 9897373783

S. Abbad Ali
Cell : 9319338208

Ref

Date

सेवा में,

नगर आयुक्त,
नगर निगम, मुरादाबाद।

विषय स्मार्ट सिटी चैलेन्ज राउन्ड-2 के अर्न्तगत तैयार स्मार्ट सिटी प्रोजेक्ट के समर्थन एवं सहयोग के संबंध में।

महोदय,

स्मार्ट सिटी मिशन की घोषणा केन्द्र सरकार द्वारा उठाया गया एक क्रांतिकारी कदम है। इसके अर्न्तगत नगर निगम द्वारा प्रोजेक्ट तैयार करने के पूर्व सिटीजन पार्टीसिपेशन के लिए चलाया गया कार्यक्रम सराहनीय रहा है।

स्मार्ट सिटी मिशन के प्रोजेक्ट को संचालित करने तथा उसे भविष्य में गतिमान बनाये रखने में हमारे एसोशियेशन की तरफ से पूर्ण सहयोग किया जायेगा। इस मिशन के अर्न्तगत प्रस्तावित कार्यक्रमों/परियोजनाओं में नगर निगम के साथ मिलकर कार्य करने में हमारे संगठन को अत्यन्त प्रसन्नता होगी।

दिनांक

/
भवदीय,
M. N. Mansoori



Azam Ansari
Member

भारतीय
हस्तशिल्प



वस्त्र मंत्रालय भारत सरकार

All India Handicraft Board

Ministry of Textiles Govt. of India

24, Kater Road, Moradabad-244001 (U.P.) India

Mob : +91 94720 7766
E-mail : azam.mbd.77786@gmail.com

सेवा में,

नगर आयुक्त,
नगर निगम, मुरादाबाद।

विषय स्मार्ट सिटी चैलेन्ज राउन्ड-2 के अर्न्तगत तैयार स्मार्ट सिटी प्रपोजल के समर्थन एवं सहयोग के संबंध में।

महोदय,

स्मार्ट सिटी मिशन की घोषणा केन्द्र सरकार द्वारा उठाया गया एक कान्तिकारी कदम है। इसके अर्न्तगत नगर निगम द्वारा प्रपोजल तैयार करने के पूर्व सिटीजन पार्टीसिपेशन के लिए चलाया गया कार्यक्रम सराहनीय रहा है।

स्मार्ट सिटी मिशन के प्रोजेक्ट को संचालित करने तथा उसे भविष्य में गतिमान बनाये रखने में हमारे एसोशियेशन की तरफ से पूर्ण सहयोग किया जायेगा। इस मिशन के अर्न्तगत प्रस्तावित कार्यक्रमों/परियोजनाओं में नगर निगम के साथ मिलकर कार्य करने में हमारे संगठन को अत्यन्त प्रसन्नता होगी।

दिनांक

भवदीय,



जय व्यापार!

बनवारी लाल कंठल जिन्दाबाद!

जय व्यापारी!



उत्तर प्रदेश उद्योग व्यापार प्रतिनिधि मण्डल

(उत्तर प्रदेश के समस्त औद्योगिक एवम् व्यावसायिक मंडलों का केन्द्रीय मण्डल)

पंजीकरण संख्या : 3956/77-78, सचीनकीर्ण संख्या 1168 दिनांक 21-03-2016 तक

मुख्यालय : 255/103, रक्षाधाम कण्डरी, जाम्नी नगर, लखनऊ। फ़ोन नं. 0522-4042685

जिला कार्यालय : दीप इम्प्रीवम प्लान प्रोकरा कटरा नाज, मुरादाबाद फ़ोन-9368311155, 3291317

अध्यक्ष
दीपक अग्रवाल
मो. : 9837160668

महामंत्री
मोहन लाल शैली
मो. : 9045469800

संरक्षक
सोमदेव लालपाल
मो. : 9219706554

संरक्षक
अजय गुप्ता
मो. : 9258082901

- वरिष्ठ उपाध्यक्ष
संजय कट्टा
मो. : 930693441
- उपाध्यक्ष
डा० अनुज सिंह
मो. : 941948457
- उपाध्यक्ष
संजय पसरीजा
मो. : 9412244706
- उपाध्यक्ष
पूरन सिंह रानी
मो. : 9421517000
- दीपक अग्रवाल (संरक्षक)
मो. : 9837133559
- मन्त्री
सूर्य मोहन
मो. : 9412241212
- मन्त्री
रवि हिन्दुजा
मो. : 8272343901
- मन्त्री
कोशल रावरीना
मो. : 9637552018
- दीपक अग्रवाल (वी.आई.पी.)
मो. : 9412141295
- मन्त्री
रजत अग्रवाल
मो. : 9637037189
- कोषाध्यक्ष
पंकज रस्तोगी
मो. : 9412140895
- संगठन मन्त्री
अंकित अग्रवाल
मो. : 9456236131
- संगठन मन्त्री
सुमित अग्रवाल
मो. : 9637079999
- प्रचार मन्त्री
सविन वर्मा
मो. : 9412530278
- प्रचार मन्त्री
आपूर्व अग्रवाल
मो. : 9927922556
- कार्यालय मन्त्री
अमित गुप्ता
मो. : 9456640050
- मोडिया प्रभारी
सुरेन्द्र नाथ शर्मा
मो. : 9410238638
- मोडिया सह प्रभारी
नन्हे चौधरी
मो. : 7417011102

पत्रांक..... दिनांक 23/6/2016

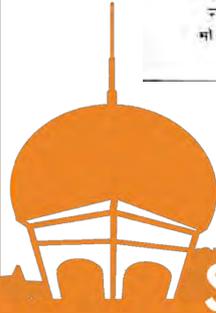
श्रीमान

श्रीमान नगर आयुक्त महोदय
नगर-निगम
मुरादाबाद

विषय: जलौनिपो को बचाने के लिए
नटबन्ध
महोदय.

निवेदन इस प्रकार है कि विसेगति
ये से जानते इस महानगर मुरादाबाद
को स्मार्ट-सिटी योजना में आपका
प्रयास बहुत ही अच्छा है। महोदय
साथ ही साथ मुरादाबाद को उन
जलौनिपो को जोर में ध्यान दिया
जाना आवश्यक है जो धनिकर्षण
बाद को मौजपात से जराहती है
आज महोदय रामगंगा नदी पर
नटबन्ध को योजना को साकार
शुभ दिलवा कर इस शहर के साथ
बहुत बड़ा उन्सापा किया जा
सकेगा कृपया अपने स्तर से
इस पर ध्यान दें।

अग्रवाल
98371-60668



yes!!

Young Entrepreneur's Society (REGD.)

Strengthening the young entrepreneurs

(UNIT OF HANDICRAFT EXPORTERS)

दिनांक 23/06/2016

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Rohit Dhall
Udit Agarwal

Vice Chairman

Vishal Agarwal
Saurabh Jain

Secretary

Ashish Gupta
Rajeev Bansal

Joint Secretary

Neeraj Rastogi
Puneet Arya

Meeting Coordinator

Manish Agarwal
Treasurer

Member of Board

Amit Agarwal

Gaurav Malhotra

Nimesh Rastogi

Neeraj Gandhi

Udit Saran

Patrons

Shri Shadi Lal Dhall

Shri Arshu Dhall

Shri Sanjay Agarwal

Shri Joginder Gandhi

सेवा में

नगर आयुक्त,

नगर निगम, मुरादाबाद

विषय : स्मार्ट सिटी चैलेन्ज राउंड -02 के अंतर्गत तैयार स्मार्ट सिटी प्रोजेक्ट के समर्थन एवं सहयोग के सम्बन्ध में

महोदय

स्मार्ट सिटी मिशन की घोषणा केंद्र सरकार द्वारा उठाया गया एक क्रान्तिकारी कदम है। इसके अंतर्गत नगर निगम द्वारा प्रोजेक्ट तैयार करने के पूर्व सिटीजन पार्टिसिपेशन के लिए चलाया गया कार्यक्रम सराहनीय रहा है।

स्मार्ट सिटी मिशन के प्रोजेक्ट को संचालित करने तथा उसे भविष्य में गतिमान बनाए रखने में हमारे एसोसिएशन की तरफ से पूर्ण सहयोग किया जायेगा। इस मिशन के अंतर्गत प्रस्तावित कार्यक्रमों / परियोजनाओं में नगर निगम के साथ मिलकर कार्य करने में हमारे संगठन को अत्यन्त प्रसन्नता होगी।

भवदीय

नीरज खन्ना



चेयरमैन

विशाल अग्रवाल

सचिव

POSTAL ADDRESS : YOUNG ENTREPRENEURS SOCIETY (REGD.)

C/o NODI EXPORTS, NEAR HOTEL PANCHAL, DELHI ROAD, MORADABAD

PH.: 98370-28176, 98370-28154, 94124-84400 Email : yesmbd@gmail.com

www.yesind.in

जय व्यापार !

बनवारी लाल कंछल जिन्दाबाद !

जय व्यापारी !



उत्तर प्रदेश उद्योग व्यापार प्रतिनिधि मण्डल

(उत्तर प्रदेश के समस्त औद्योगिक एवम् व्यावसायिक संगठनों का केन्द्रीय मण्डल)

पंजीकरण संख्या : 3956/77-78, नवीनीकरण संख्या 1168 दिनांक 21-03-2016 तक

मुख्यालय : 255/103, रकाबगंज कुण्डरी, शास्त्री नगर, लखनऊ। फ़ैक्स नं. 0522-4042685

महानगर कार्यालय : गणपति ज्वैलर्स, गणपति चौक, बाजार गंज, मुरादाबाद। मो. : 9720908135

महानगर अध्यक्ष

महामन्त्री

कोषाध्यक्ष

दीपक अग्रवाल (सराफ़)

ठाकुर रवीन्द्र नाथ सिंह

राजीव अग्रवाल

9897332536

9837052818

9412656292

चेयरमेन

नरेश अग्रवाल

8869806640

9837552018

जिला अध्यक्ष

दीपक अग्रवाल

9837160668

संयुक्त महामंत्री

कौशल सक्सेना

9837552018

उपाध्यक्ष

अंकुर गोयल

9927041256

शैलेन्द्र गुप्ता

09927031701

संगठन मंत्री

आशीष सिंह

9927017202

शंकी गोयल

9897884555

दीपांशु अग्रवाल

9917389966

गौरव अग्रवाल

9837153179

प्रचार मंत्री

राजकुमार दिवाकर

9368728299

नितीन शर्मा

9917204999

पत्रांक :

दिनांक :

सेवा में,

नगर आयुक्त महोदय,
नगर निगम, मुरादाबाद

विषय :- स्मार्ट सिटी -वैलेन्ज शूटआउट-02 के अन्तर्गत तैयार
स्मार्ट सिटी प्रोजेक्ट के अन्वय में,

महोदय,

केन्द्र सरकार द्वारा 'स्मार्ट सिटी मिशन' की
घोषणा एक क्रांतिकारी कदम है इसके अन्तर्गत नगर
निगम द्वारा प्रोजेक्ट तैयार करने के पूर्व सिटीजन पार्टीसिपेशन
के लिए चलाया गया कार्यक्रम सराहनीय रहा है।

स्मार्ट सिटी मिशन के प्रोजेक्ट को संचालित करने तथा
उसे भविष्य में गतिमान बनाये रखने में हमारी एम्बेड्डेशन
की तरफ से पूर्ण समर्थन एवं सहयोग रहेगा। इस मिशन
के अन्तर्गत प्रस्तावित कार्यक्रमों में नगर निगम के साथ
कन्दे से कन्दे मिलकर कार्य करने में हमारे संगठन
की अत्यन्त-सम्बन्धता होगी।

शुभदीप

Deepak Agrawal

To,

The Municipal Commissioner,
Moradabad Municipal Corporation,
Moradabad

Subject : **Letter of Support Moradabad Smart city initiative Under Smart City Mission.**

Dear Sir,

We are aware that Ministry of urban Development, Government of india has launched an ambitious mission "Smart cities". Moradabad is one of the hundred cities to participate for winning the competition. Your preparation for Smart city challenge round-02 is applauding.

It gives me immense pleasure to applaud Moradabad Municipal Corporation (MMC) for its smart city initiative for Moradabad city. I firmly believe that this initiative will greatly benefit city/citizens.

Further, I am writing to express my full support to MMC For proposed "Smart city project". It's our pleasure to be a part of the smart city initiative and feel confident expressing my full support in future.

We look forward to working with MMC in future.

Thanking you
Yours, Faithfully

Date : 22/6/16

For G&S Exports Corporation

Auth. Sign.

प्रेषक,

नगर आयुक्त
नगर निगम, मुरादाबाद।

सेवा में,

1. श्री एम0एस0 राना, सी0ओ0 सिटी, मुरादाबाद।
2. श्री डा0 आर0के0 शर्मा, अपर मुख्य चिकित्सा अधिकारी, मुरादाबाद।
3. श्री हुकुम सिंह, जिला समाज कल्याण अधिकारी, मुरादाबाद।
4. प्रदीप कुमार, उप श्रमायुक्त, मुरादाबाद।
5. श्री एस0के0 वाजपेयी, टी0आई0 यातायात।
6. श्री वी0के0 सैनी, परियोजना अधिकारी (डूडा), मुरादाबाद।

पत्रांक 694 / सम्पत्ति / न0आ0 / न0नि0मु0 / 2014

दिनांक 14.11.2014

विषय : मा0 उच्चतम न्यायालय के निर्देशों के अनुपालन में नगर निगम, मुरादाबाद में गठित टाउन वेडिंग कमेटी की बैठक के सम्बन्ध में।

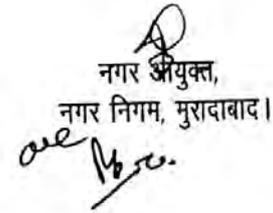
महोदय,

मा0 उच्चतम न्यायालय द्वारा पारित आदेश दिनांक 09.09.2013 एवं भारत सरकार द्वारा निर्णित पथ विक्रेता (आजीविका का संरक्षण) और पथ विक्रेता विनियम (आजीविका का संरक्षण पथ विक्रेता का विनियमन) अधिनियम, 2014 में दिये गये निर्देशों के क्रम में फेरी नीति में अग्रिम कार्यवाही किये जाने हेतु टाउन वेडिंग कमेटी की बैठक दिनांक 01.11.2014 में लिये गये निर्णयों के अनुसार नगर निगम, मुरादाबाद की सीमान्तर्गत स्ट्रीट वैन्डर्स नीति के अन्तर्गत कार्यवाही किये जाने हेतु आपको टाउन वेडिंग कमेटी के सदस्य के रूप में शासन के निर्देशानुसार सम्मिलित किया गया है।

अतः स्ट्रीट वैन्डर्स योजनान्तर्गत अग्रिम कार्यवाही हेतु अधोहस्ताक्षरी के पीली कोठी स्थित शिविर कार्यालय में दिनांक 18.11.2014 को अपरान्ह 03.30 बजे महत्वपूर्ण बैठक आहूत की गयी है। कृपया बैठक में प्रतिभाग करने का कष्ट करें।

संलग्नक : बैठक दिनांक 01.11.2014 की छायाप्रति।

भवदीय


नगर आयुक्त,
नगर निगम, मुरादाबाद।



4.7. Mitigation Measures

4.7.1 Formation of SPV

संख्या-1206(1)/सी-5-2016/प्र.वि.नं.क

प्रतिष्ठित निम्नलिखित की सूचनाएं एवं आवश्यक कार्यवाही हेतु प्रेषित :-

- 1- प्रमुख सचिव, म.उ. मुख्यालय जी./तिली सचिव, 400 मजी जी, नगर विकास विभाग।
- 2- सचिव, भारत सरकार, राष्ट्रीय विकास मंत्रालय, नियोग भवन, नई दिल्ली।
- 3- प्रमुख संचालक/सचिव, विभा./नियोजन/आवास एवं राष्ट्रीय नियोजन/ऊर्जा/नगर विकास विभाग, उत्तर प्रदेश सरकार।
- 4- स्टाफ आर्वासर, मुख्य सचिव, उत्तर प्रदेश।
- 5- मिशन निदेशक (स्वच्छ भारत), भारत सरकार, राष्ट्रीय विकास मंत्रालय, नई दिल्ली।
- 6- सीटी मिशन कोऑर्डिनेटर (स्मार्ट सिटी)/निदेशक, ममा विकास, 3060, लखनऊ।
- 7- निदेशक, सीवीए नगर एवं पर्यावरण अभ्यसन केंद्र, लखनऊ।
- 8- सम्बन्धित मंत्रालय/विभागाधीन, उत्तर प्रदेश।
- 9- सम्बन्धित जलामय, विद्युत प्रविद्यालय, उत्तर प्रदेश।
- 10- सम्बन्धित नगर आयुक्त, नगर निगम, उत्तर प्रदेश।
- 11- मुख्य विकास अधिकारी, रामपुर।
- 12- सम्बन्धित अधिष्ठात्री अधिकारी, नगर सचिव के निदेश, उत्तर प्रदेश।
- 13- प्रथम निदेशक, उत्तर प्रदेश जल निगम, लखनऊ।
- 14- निदेशक, सीटी/सीटी/एमसी, उत्तर प्रदेश जल निगम, लखनऊ।
- 15- मुख्य अभियंता, सम्बन्धित सम्बन्धित विद्युत विभाग मण्डल।
- 16- सम्बन्धित मुख्य अधिकारी, उत्तर प्रदेश जल निगम।
- 17- सम्बन्धित राज्यपाल नियोजक, नगर एवं ग्राम नियोजन विभाग।
- 18- प्रमुख निदेशक, सीवीए नगर एवं पर्यावरण अभ्यसन केंद्र, लखनऊ।
- 19- सर्वे ऑडिट/कम्प्यूटर सेल।

संख्या 1206(1)/सी-5-2016/प्र.वि.नं.क
 (उपरोक्त सूची)
 जल निगम, लखनऊ

नगर आयुक्त/प्रशासक
 नगर निगम, मुरादाबाद।

4.7.2 SPV Organogram

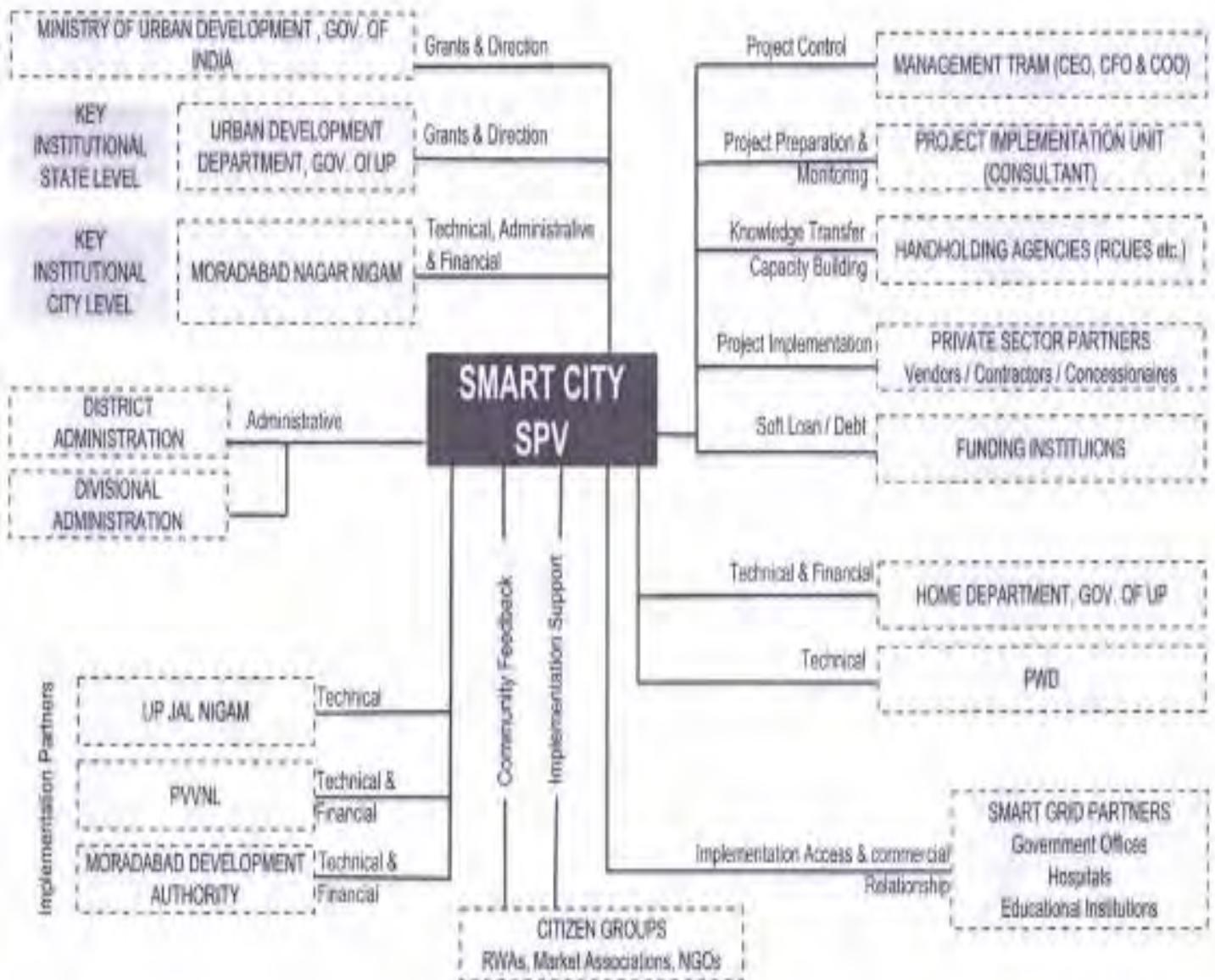
MORADABAD SMART CITY PROPOSAL

POSITION	EDUCATION QUALIFICATION	EXPERIENCE PROFILE	RECRUITMENT PROCESS / RETENTION MECHANISM	KEY PERFORMANCE AREAS
Chief Executive Officer (CEO)	Municipal Commissioner of Moradabad Nagar Nigam			
Chief Finance Officer (CFO)	Chartered Accountant / MBA (Finance)	Corporate Finance / Infrastructure / Finance Finance Control / Tariff / Modelling / Contract Management (Experience: 15 to 18 years)	<ul style="list-style-type: none"> Open Selection Process with strong Industry Referrals Market linked Salary & Incentives 	<ul style="list-style-type: none"> Innovative financial leveraging & management Devising effective & efficient methods of revenue collection & recovery Cash flow Management
Chief Operations Officer (COO)	M.E	Contract Administration / Project Management Asset Management / Vendor Management Estate or Facilities Management (Experience: 12 to 15 years)	<ul style="list-style-type: none"> Open Selection Process with strong Industry Referrals Market linked Salary & Incentives KRAs based contracts with performance based incentives 	<ul style="list-style-type: none"> Ensuring implementation of projects with time & budget as per quality parameters Achieving desired levels of service Efficient & effective revenue collections
General Manager Technical	B.E with MBA (Operation Management)	Development and /or Operations experience of large Infrastructure / Real Estate projects (Experience: 8 to 10 Years)	<ul style="list-style-type: none"> Open Selection Process with strong Industry Referrals Market linked Salary & Incentives 	<ul style="list-style-type: none"> Ensuring implementation of projects within time & budget as per quality parameters
Manager	Respective Domain Qualification	Domestic / International experience as per need (Experience: Min. 5 years)	<ul style="list-style-type: none"> Deputation from line departments Open recruitment/contracting 	<ul style="list-style-type: none"> Performance in respective sectors (Implementation & Operations)



4.7.2 SPV Organogram

MORADABAD SMART CITY PROPOSAL

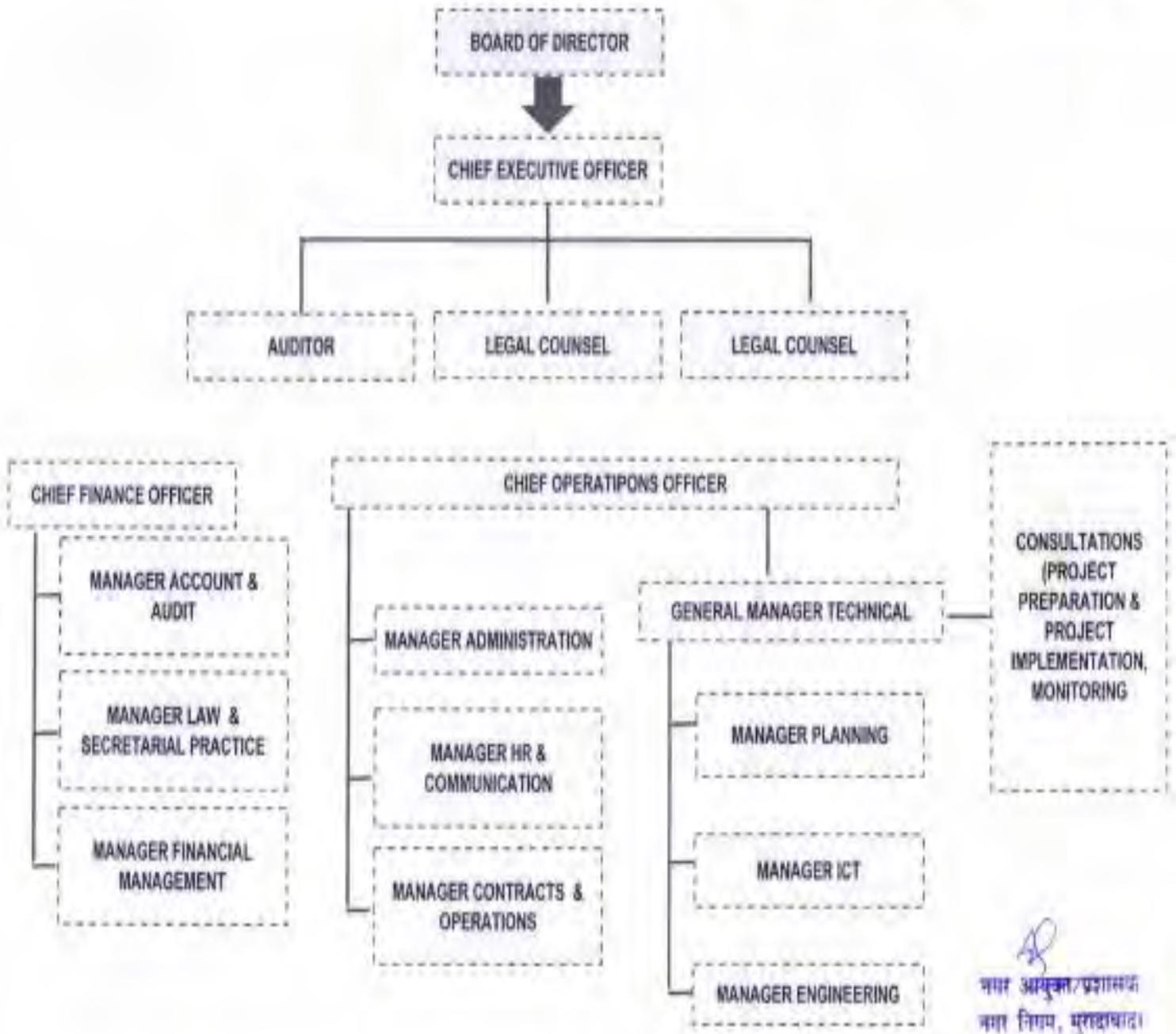


नगर आयुक्त/प्रशासक
नगर निगम, मुरादाबाद।



4.7.3 SPV Organisational Chart

MORADABAD SMART CITY PROPOSAL

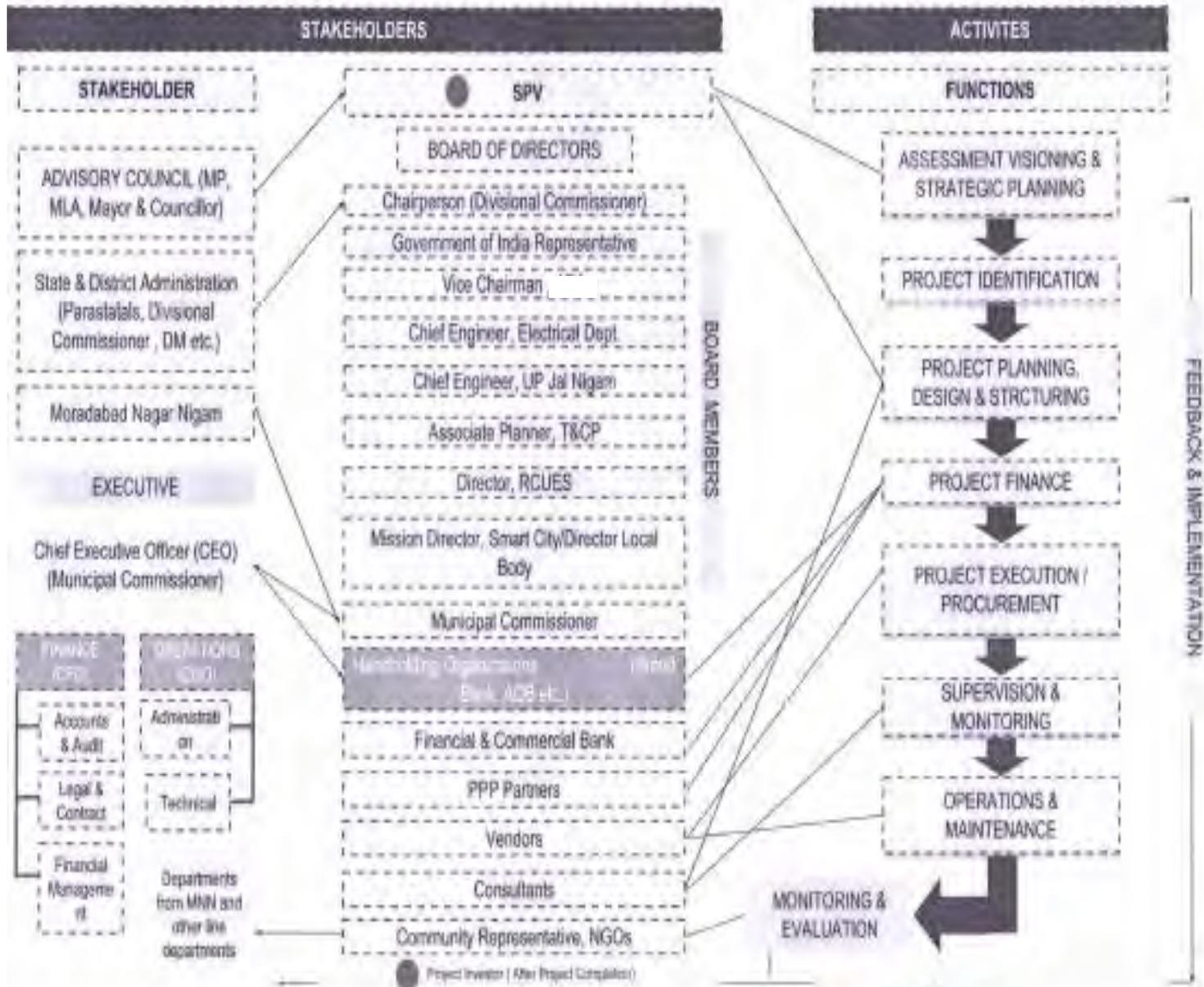


[Signature]
नगर आयुक्त/प्रशासक
नगर निगम, मुरादाबाद।



4.7.4 SPV Stakeholders & Activity

MORADABAD SMART CITY PROPOSAL



नगर आयुक्त/प्रशासक
नगर निगम, मुरादाबाद



4.7.5 SPV Members

उत्तर प्रदेश शासन
नगर विकास अनुभाग-5
संख्या-4774/वी-5-15-179सा/2015
तारीख- 25 जुलाई, 2015

कायांलय-राध

शहरी विकास मंत्रालय, भारत सरकार द्वारा 'स्मार्ट सिटीज मिशन' योजना का क्रियान्वयन किया जा रहा है। उक्त योजना के अन्तर्गत देश के 100 शहरी क्षेत्र चयनित किया जाया है, जिनमें से 13 शहर उत्तर प्रदेश के होंगे। उक्त योजना के अन्तर्गत सफल क्रियान्वयन हेतु जारी दिशा-निर्देशों के अनुसार शहरी विकास हेतु अन्तर्विभागीय कार्यदल का गठन किया जाने की व्यवस्था है। नगर निगमों के सन्दर्भ में नगर आयुक्त तथा नगर पालिका परिषदों के सन्दर्भ में सम्बन्धित जिम्मेदारियों इस कार्यदल के अध्यक्ष होंगे। उक्त स्मार्ट सिटी मिशन योजना के अन्तर्गत नियमानुसार कार्यदल का गठन किया जाने पर श्री राज्यपाल सहमति स्वीकृति प्रदान करते हैं:-

1	नगर आयुक्त नगर निगमों हेतु एवं अन्य में सम्बन्धित जिम्मेदारियाँ	अध्यक्ष
2	जुनियर अफसर	सदस्य
3	उपनिवेश, विभाग परिपालन एवं अन्य उक्त निर्देशों के अन्तर्गत	सदस्य
4	अधिकार अधिकार, विभाग	सदस्य
5	अधिकार अधिकार, उक्त विभाग	सदस्य
6	अधिकार अधिकार, उक्त विभाग विभाग	सदस्य
7	राज्य स्तरीय परिवहन अधिकारी एवं अन्य सम्बन्धित अधिकारी	सदस्य
8	मुख्य नगर निरीक्षण/नगर निरीक्षण विभाग परिपालन	सदस्य
9	सहायक निरीक्षण एवं अन्य अधिकारी, नगर एवं उक्त निर्देशों के अन्तर्गत	सदस्य
10	शहरीय विकास, 3000 तक सड़क परिपालन विभाग	सदस्य
11	महापंचक, बीओएसओएलएलए एवं अन्य अधिकारी	सदस्य
12	नगरीय सेवा से सम्बन्धित दो अधिकार (नगर आयुक्त/जिम्मेदारियों द्वारा निर्देशित)	सदस्य

उक्त कार्यदल द्वारा स्मार्ट सिटीज मिशन के अन्तर्गत जारी दिशा-निर्देशों के अनुसार सम्बन्धित नगर का प्रस्ताव तैयार किया जाएगा तथा स्मार्ट सिटी बनाने में सहयोग प्रदान किया जाएगा।

श्रीधर सिंह
सचिव

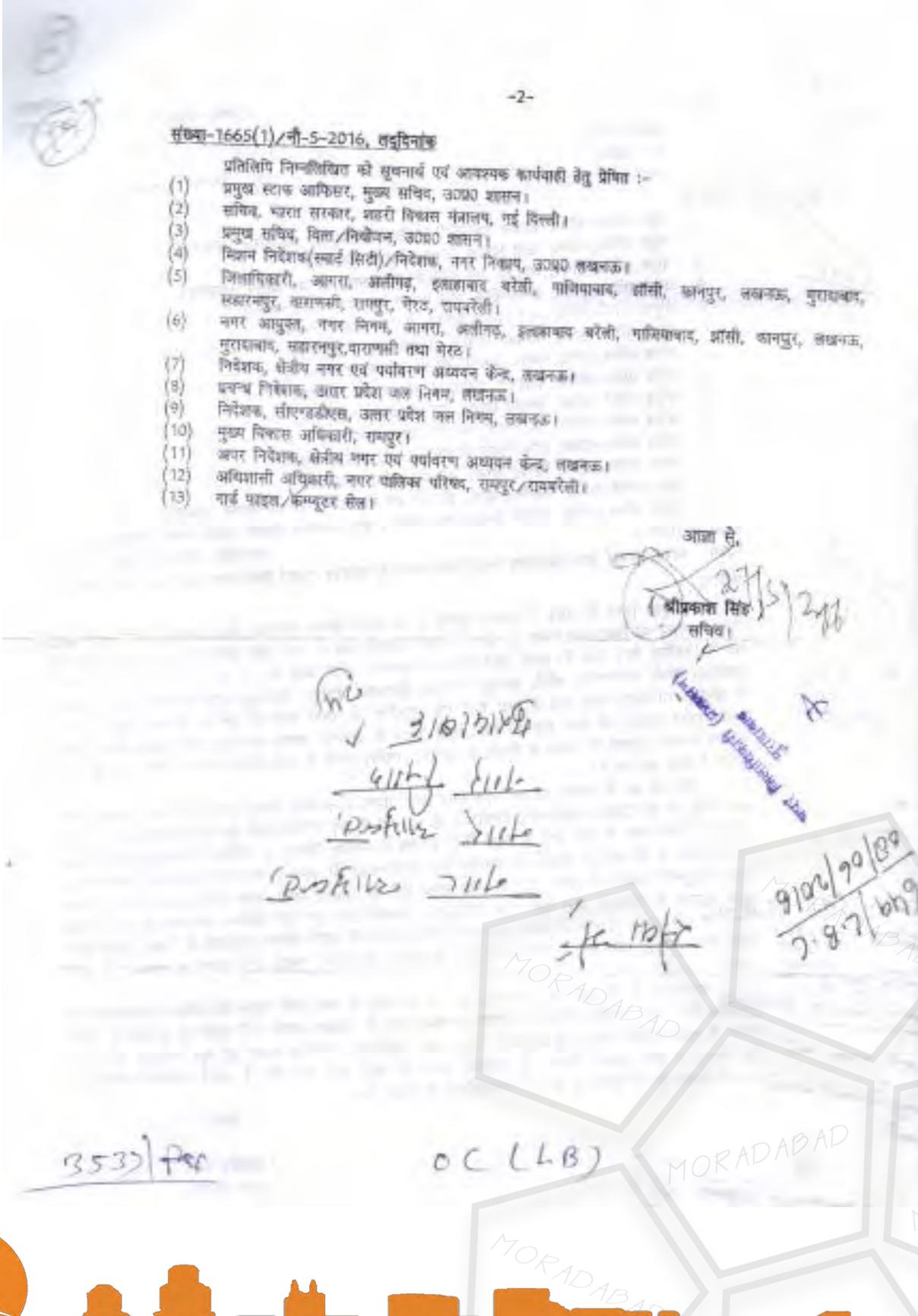
संख्या-4774(1)/वी-5-15-179सा/2015 तददिनांक

संज्ञित निम्नलिखित को सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित-

- (1) सचिव, भारत सरकार, शहरी विकास मंत्रालय, नई दिल्ली।
- (2) प्रमुख सचिव, मुख्यमंत्री, उत्तर प्रदेश सरकार।
- (3) प्रमुख सहायक अधिकारी, मुख्य सचिव, उत्तर प्रदेश शासन।
- (4) प्रमुख सचिव, आयुक्त एवं शहरी निरीक्षण/उत्तरी/सड़क निर्माण/परिवहन विभाग, 3000 शासन।
- (5) निजी सचिव, सचिव, नगर विकास विभाग, 3000 शासन।
- (6) निदेशक, नगरीय विकास निदेशालय, 3000 लखनऊ।
- (7) सम्बन्धित सम्बन्धित सदस्य।
- (8) सहायक निदेशक/जिम्मेदारियों, उत्तर प्रदेश।
- (9) सम्बन्धित नगर महापौर/नगर आयुक्त, नगर निगम, उत्तर प्रदेश।
- (10) सहायक अध्यक्ष/अधिकारी अधिकारी/नगर पालिका परिषद, उत्तर प्रदेश।
- (11) प्रमुख निदेशक, 3000 उत्तर निगम, लखनऊ।
- (12) महापंचक, बीओएसओएलएलए, उत्तर प्रदेश।
- (13) नगरीय सेवा से सम्बन्धित दो अधिकार।



4.7.5 SPV Members



संख्या-1665(1)/नौ-5-2016, लखनऊ

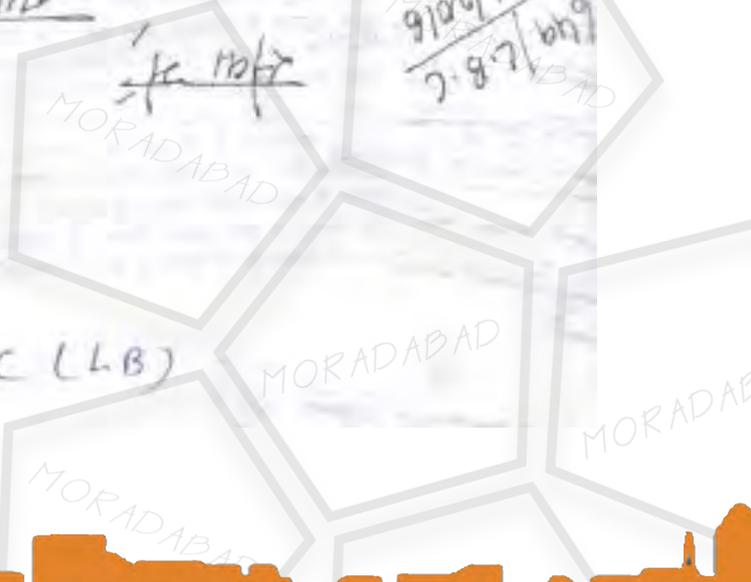
प्रतिलिपि निम्नलिखित को सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित :-

- (1) प्रमुख स्टाफ ऑफिसर, मुख्य सचिव, उज्जय शसन।
- (2) सचिव, पंचायत सरकार, शहरी विकास मंत्रालय, नई दिल्ली।
- (3) प्रमुख सचिव, वित्त/निवेशन, उज्जय शसन।
- (4) विज्ञान निदेशक(स्मार्ट सिटी)/निदेशक, नगर निगम, उज्जय लखनऊ।
- (5) जिलाधिकारी, अमरा, अलीगढ़, इलाहाबाद बरेली, पाणियाबाद, झांसी, खानपुर, लखनऊ, गुरासबाद, सकारनपुर, बाराबंकी, रामपुर, रोहत, रामबरेली।
- (6) नगर आयुक्त, नगर निगम, अमरा, अलीगढ़, इलाहाबाद बरेली, पाणियाबाद, झांसी, खानपुर, लखनऊ, गुरासबाद, सकारनपुर, बाराबंकी तथा रोहत।
- (7) निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र, लखनऊ।
- (8) प्रबन्ध निदेशक, उत्तर प्रदेश जल निगम, लखनऊ।
- (9) निदेशक, सौरमंडल, उत्तर प्रदेश जल निगम, लखनऊ।
- (10) मुख्य विकास अधिकारी, रामपुर।
- (11) अपर निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र, लखनऊ।
- (12) अधिभागी अधिकारी, नगर पालिका परिषद, रामपुर/रामबरेली।
- (13) नई प्रोडल/कम्प्यूटर सेल।

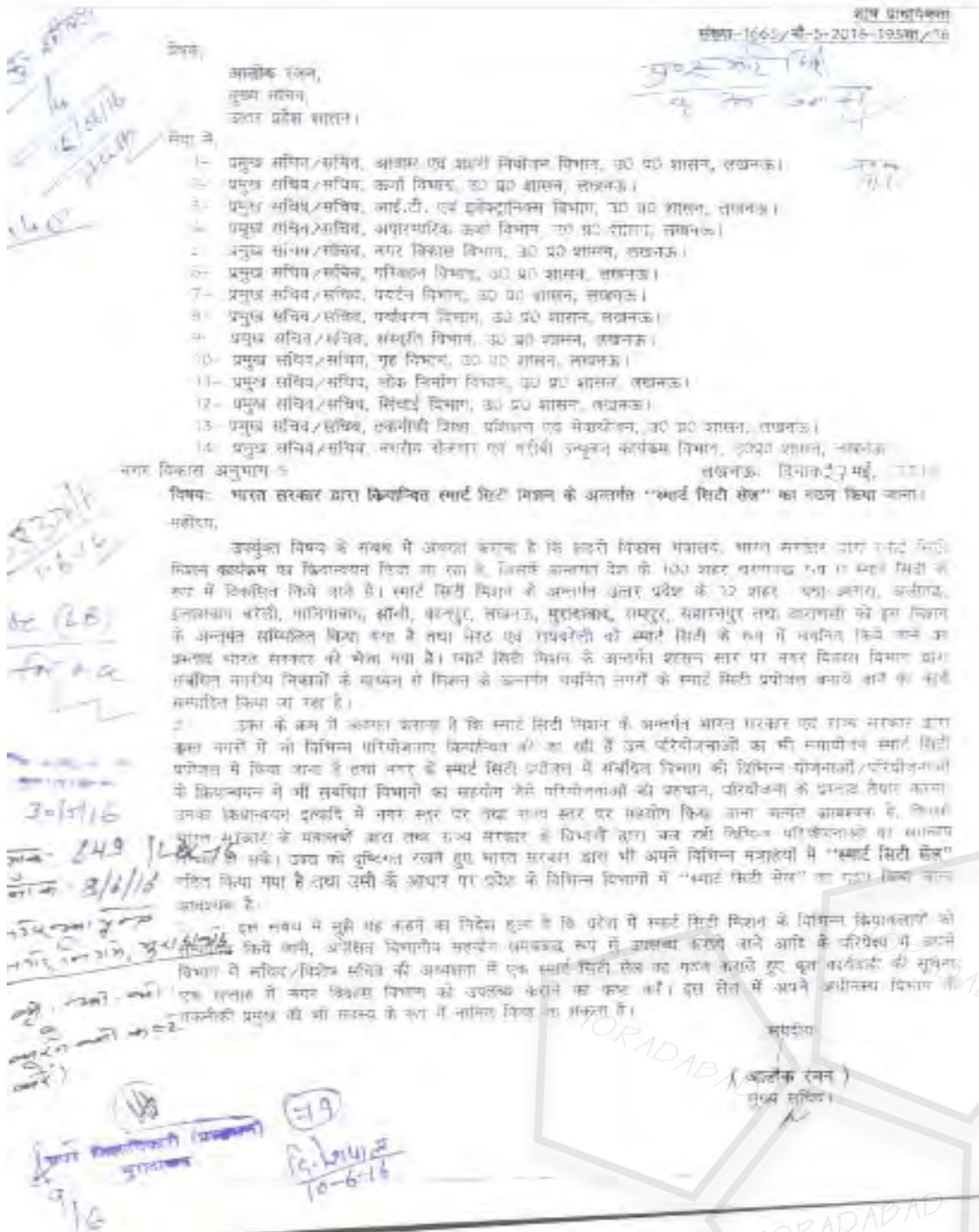
आज्ञा है,
 27/5/2016
 श्रीप्रकाश सिंह
 सचिव।

31/05/2016
 4/11/2016
 1/10/2016
 2/11/2016

9/02/20/20
 2-8-7/009
 BTD



4.7.6 Formation of Smart City Cell



4.7.6 SPV Formation

कार्यालय नगर निगम, मुरादाबाद।

संकेत क्र. 79 /सम्पत्ति/नगन/नगन/2014-15

दिनांक 3 .11.2014

-: बैठक की कार्यवृत्ति :-

माओ इच्छतम न्यायालय द्वारा पारित आदेश दिनांक 09.09.2013 एवं भारत सरकार द्वारा निर्गत पथ विकेंता (आजीविका का संरक्षण) और पथ विकेंता विनियम (आजीविका का संरक्षण पथ विकेंता का विनियमन) अधिनियम, 2014 में दिये गये निर्देशों के क्रम में निर्धारित केंद्रों खोलें तथा नगर क्षेत्र में पथ विकेंताओं के संरक्षण उपयुक्त पथ नीति में अग्रिम कार्यवाही किये जाने हेतु नगन केंद्रों की बैठक दिनांक 01.11.2014 को अपराह्न 03:30 बजे अधोहस्ताक्षरी के सिविल कार्यालय में आयोजित की गयी, जिसमें निम्नलिखित अधिकारी उपस्थित हुए।

1. श्री एम.एस. राना, सी.ओ. सिटी, मुरादाबाद।
2. श्री डा. आर.के. शर्मा, अपर मुख्य जिविक्ता अधिकारी, मुरादाबाद।
3. श्री इकुल सिंह, जिला समाज कल्याण अधिकारी, मुरादाबाद।
4. श्री ए.ए. वर्मा, अपर नगर आयुक्त, नगर निगम, मुरादाबाद।
5. श्री रमेश कुमार, मुख्य अभियन्ता, नगर निगम, मुरादाबाद।
6. श्री ज्ञान सिंह, वरिष्ठ नगर स्वास्थ्य अधिकारी, नगर निगम, मुरादाबाद।
7. श्री अवशर कुमार, मुख्य कर निर्धारण अधिकारी, नगर निगम, मुरादाबाद।
8. श्री प्रदीप कुमार, उप प्रभाषक, मुरादाबाद।
9. श्री ए.के. काजरी, टी.ओ. वातावरण।
10. श्री वी.के. सेन, परिणामाधिकारी (दूदा), मुरादाबाद।
11. श्री आर.के. पात, पर्यावरण अभियन्ता, नगर निगम, मुरादाबाद।
12. श्री नरत लाल, कर निर्धारण अधिकारी, नगर निगम, मुरादाबाद।
13. श्री किनाद बिहारी वर्मा, कर अधीक्षक, नगर निगम, मुरादाबाद।
14. श्री सतीश लोचन पाठक, कर अधीक्षक, नगर निगम, मुरादाबाद।
15. श्री बनासदास, कर अधीक्षक, नगर निगम, मुरादाबाद।
16. श्री साहब सिंह, कर अधीक्षक, नगर निगम, मुरादाबाद।
17. श्रीमती. कल्पना एन.श्रेष्ठ, सचिव, सोसायटी फॉर एडोपेसी इन्टरवैशन कल्ला, मुरादाबाद।
18. श्री अजय रस्तोगी, सचिव, अभिनव प्रोग्रामिकी उद्यमी विकास समिति, मझोला योजना दिल्ली रोड मुरादाबाद।
19. श्रीमती. रिकू रस्तोगी, अध्यक्ष, अभिनव प्रोग्रामिकी उद्यमी विकास समिति, मझोला योजना दिल्ली रोड मुरादाबाद।

उपरोक्त सभी अधिकारियों एवं समिति के सदस्यों की उपस्थिति में फेरी नीति हेतु शासन द्वारा दिये गये निर्देशों के अनुसार निम्नलिखित निर्णय लिये गये :-

1. नगर निगम, मुरादाबाद हेतु चयनित बैलिन जोन में किये गये वर्गीकरण के अनुसार नगर के सभी क्षेत्रों में बैलिन जोन का बोर्ड लगाया जाये तथा बंधनों के लाइसेंस जारी किये जाने पूर्व उनकी पहचान एवं उनमें गत का सत्यापन कर लिया जाये।



4.7.6 SPV Formation

2. श्री एम0एस0 राना, क्षेत्राधिकारी कोतवाली द्वारा चयनित वेंडिंग जोनों में कुछ अन्य क्षेत्र जिनमें अधिकरण की कजह से यातायात बाधित होता है उन क्षेत्रों को भी नो वेंडिंग जोन में सम्मिलित किये जाने का प्रस्ताव रखा गया, जिस पर कमेटी में यह निर्णय लिया गया कि नो वेंडिंग जोन का पुनः सत्यापन करा लिया जाये।
3. वेंडिंग जोनों में लाईसेंस जारी किये जाने से पूर्व अधिनियम की धारा-2बी अन्तर्गत होल्डिंग कंपिसिटी के निर्धारण हेतु सर्वे कराये जाने का निर्णय लिया गया है।
4. कमेटी की बैठक में उपलब्ध कराये गये स्ट्रीट वेडर्स एक्ट-2014 गजट दिनांक 06 मार्च, 2014 की ध्याप्रति के सम्बन्ध में हिन्दी रूपान्तरण कर ध्याप्रति उपलब्ध कराये जाने का निर्णय लिया गया।
5. कमेटी की बैठक में सदस्यों द्वारा इस प्रकार पर भी विचार किया गया कि चूंकि शासन की यह नीति एक साथ पूरे नगर क्षेत्र में लागू करने से विरोध की स्थिति भी उत्पन्न हो सकती है। उक्त स्थिति में नियमानुसार न्यूनतम शुल्क निर्धारित कर सर्व प्रथम किसी एक क्षेत्र में सत्यापन कर लाईसेंस जारी किये जायें।
6. कमेटी की बैठक में यह भी निर्णय लिया गया कि दैनिक सप्ताह पत्रों में विज्ञापन के माध्यम से भी वेंडर्स नीति की जानकारी नगर क्षेत्र के वेंडर्स को दी जाये साथ ही यह भी निर्णय लिया गया कि परम्परागत बाजारों एवं सप्ताहिक बाजारों को दृष्टिगत रखते हुये शासन के निर्देशानुसार उपविधि का प्रस्ताव रखा जाये।
7. कमेटी की बैठक में सर्वसम्मति से यह भी निर्णय लिया गया कि एक माह में कम से कम 02 बैठकें आयोजित की जायें, जिससे वेंडर्स नीति की प्रकृति की सभी सदस्यों को जानकारी प्राप्त हो सके। समिति की आगामी बैठक दिनांक 18.11.2014 अपराह्न 03:30 बजे सैन्य कार्यालय पीलीकोटी में कराये जाने का निर्णय लिया गया।

प्रतिक्रिया :-

1. समस्त सम्बन्धित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

(संजय कुमार सिंह)
नगर आयुक्त
नगर निगम, मुरादाबाद।

नगर आयुक्त
नगर निगम, मुरादाबाद।



Smart City
MISSION TRANSFORM-NATION



4.8. Citizen Participation & Miscellaneous

4.8.1 PUBLIC PARTICIPATION

ONLINE POLL/SURVEY: 71% Citizens voted for Option 2 for Area Based Development Projects.

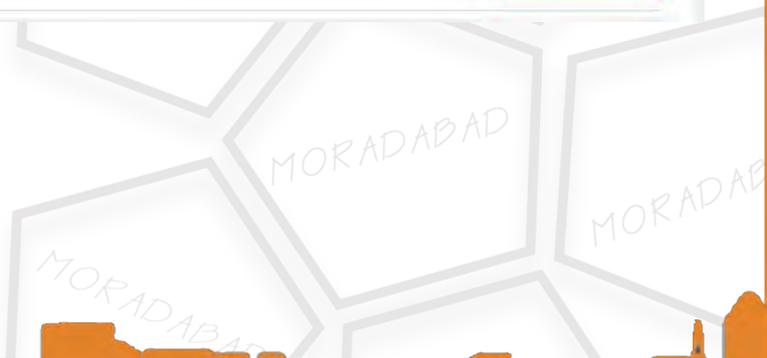
Poll for Deciding Final Area of Moradabad Smart City for Area Based Development Projects

In your opinion, which area should be finalized for Area Based Development projects in the given options?

Option	Description	Percentage
Option 1	Option 1 involves 1006 acre total area starting at Charan Singh Chowk and ends at Charan Singh Chowk	29%
Option 2	Option 2 involves 1560 acre total area starting at Civil Lines and ends at Civil Lines area, following Pandit Shankar Dutt Marg	71%

You can also vote through SMS using your registered mobile number.
 SMS Syntax: MYGOVPOLL :space: 266351 :comma: Choice Number
 Send to 7738299899
 Example: MYGOVPOLL 266351,2
* Normal SMS charges of the mobile service provider shall apply for voting through SMS.

Submit





4.8.1. PUBLIC PARTICIPATION

ONLINE DISCUSSIONS

The screenshot shows a web browser window with the URL <https://www.mygov.in/group-issue/citizen-engagement-round-3-smart-city-project-moradabad/>. The page features a navigation bar with options like 'Do', 'Discuss', 'Poll/Survey', 'Blog', and 'Talk'. The main content area is titled 'Citizen Engagement for Round-3 of Smart City Project Moradabad'. It includes an introductory paragraph about Moradabad's history and a call to action for citizens to participate in the Smart City proposal. A 'Click here to read the Draft Smart City Proposal.' link is provided. The page also has a 'TRENDING' sidebar with various initiatives and a 'CREATIVE CORNER' section.

The screenshot shows a web browser window with the URL <https://www.mygov.in/group-issue/gap-identification-smart-city-proposal-moradabad-city/>. The page is titled 'Gap Identification in Smart City Proposal for Moradabad city'. It contains a paragraph explaining that the Round 3 Smart City proposal preparation has started and several gaps have been identified. A link to read the 'Gap Identification Report' is provided. Below the text, there is a comment section with two visible comments from users 'Amit' and 'Komal', both discussing 'Robust IT connectivity and digitalization'. The page shows 'Showing 278 Submission(s)'.





4.8.1. PUBLIC PARTICIPATION

ONLINE TRENDING DISCUSSIONS

The screenshot shows the MyGov website interface. The top navigation bar includes the Government of India logo, the MyGov logo, and a search bar. The main content area is titled "TRENDING" and features a sidebar with various categories like "SUGGESTIONS INVITED FOR SMART CITY INITIATIVES FOR GANESHNAGAR", "ABD AND PAN CITY PROJECTS FOR MORADABAD", "IN FOCUS", "CREATIVE CORNER", and "OPEN FORUM". The main content area displays a discussion titled "Suggestions invited for Moradabad Draft Smart City Proposal Round - III". The discussion text reads: "Moradabad is the oldest city of the state of Uttar Pradesh, and is also known as the 'Brass City (Patal Nagri)'. The city is known for its 'Brass Artisanship'. Moradabad has been selected as one of the 98 Smart Cities under the Smart City Mission, MoUD, Government of India. Moradabad Nagar Nigam urges to the citizens for active participation by suggesting the final changes to be carried out in draft Round 3 Smart City Proposal. The attached file is the draft that includes Goal, Vision & Projects. Your valuable suggestions are required to prepare a better Smart City Proposal for Moradabad and bring it in the list of top Smart Cities. Click here to read the Draft Smart City Proposal". The discussion has 3983 submissions.

The screenshot shows the MyGov website interface. The top navigation bar includes the Government of India logo, the MyGov logo, and a search bar. The main content area is titled "TRENDING" and features a sidebar with various categories like "SUGGESTIONS INVITED FOR SMART CITY INITIATIVES FOR GANESHNAGAR", "DRAFT SMART CITY ROUND-3 PROPOSAL FOR JHANSI", "IN FOCUS", "CREATIVE CORNER", and "OPEN FORUM". The main content area displays a discussion titled "ABD and PAN City Projects for Moradabad". The discussion text reads: "Moradabad is the oldest city of the state of Uttar Pradesh which is called as 'Brass City (Patal Nagri)'. It is a very popular city for its 'Brass Artisanship'. Moradabad has been selected as one of the 98 Smart Cities under Smart City Mission, MoUD, Govt. of India. The Moradabad Nagar Nigam urges to the citizens for active participation by suggesting the final ABD & PAN City projects to be included in Round 3 Smart City Proposal. Your valuable suggestions are required to prepare better Smart City Proposal and bringing Moradabad into top Smart City. Presentation for Final ABD and PAN City Projects". The discussion has 5392 submissions.

4.8.1. PUBLIC PARTICIPATION

ONLINE DISCUSSIONS

The screenshot shows a web browser window with the URL <https://www.mygov.in/group-issue/final-detailed-projects-and-draft-scp-moradabad-smart-city/>. The page header includes the Government of India logo and the MyGov logo with the tagline 'मेरी सरकार'. A navigation bar contains options for 'Smart Cities', 'Do', 'Discuss', 'Poll/Survey', 'Blog', and 'Talk'. The main content area features a post titled 'Final Detailed Projects and Draft SCP for Moradabad Smart City'. The post text reads: 'Moradabad is the oldest city of the state of Uttar Pradesh which is called as 'Brass City (Peetal Nagri)'. It is a very popular city for its "Brass Artisanship". Moradabad has been selected as one of the 98 Smart Cities under Smart City Mission, MoUD, Govt. of India. The Moradabad Nagar Nigam urges to the citizens for active participation by suggesting the finalized detailed projects to be included and finalized draft Round 3 Smart City Proposal. The attached file Presentation for Final ABD & PAN City Projects for which your valuable suggestions are required to prepare better Smart City Proposal and bringing Moradabad into top Smart City. Click here to read the Draft Smart City Proposal'.



4.8.1. PUBLIC PARTICIPATION

OFFLINE DISCUSSIONS

KICKOFF MEETING WITH STAKEHOLDERS AND CONSULTANTS



STAKE HOLDER MEETING UNDER CHAIRMANSHIP OF DIVISIONAL COMMISSIONER



4.8.1. PUBLIC PARTICIPATION

OFFLINE DISCUSSIONS

MEETINGS HELD WITH VARIOUS ASSOCIATIONS



4.8.1. PUBLIC PARTICIPATION

OFFLINE DISCUSSIONS



OFFLINE VOTING



4.8.1. PUBLIC PARTICIPATION

OFFLINE DISCUSSIONS

SIGNING OF MoU WITH VARIOUS DEPARTMENTS OF CITY



4.8.1. PUBLIC PARTICIPATION

NEWSPAPERS ANNOUNCEMENTS

8 दैनिक जागरण मुरादाबाद, 2 जून 2016

वोटिंग फार्मों की फीडिंग शुरू

देवर की शिकायत तो महिला को पीटा

जगन्नाथ सांगवदाता, मुरादाबाद : स्मार्ट सिटी के लिए वोटिंग अब बंद हो गई है। ऑन लाइन वॉटिंग के लिए अब बंद हो गई है। ऑन लाइन वॉटिंग के लिए अब बंद हो चुका है। अगले वोटिंग के लिए भए गए ऑफ लाइन वॉटिंग फार्मों को फीडिंग चल रही है। इसमें भी एरिया-वन ही ऑफ है, लेकिन इनका अंतर 300 से 350 के बीच है, जिसमें एरिया-2 भी ऑफ निकल सकता है। ऑन लाइन वोटिंग में एरिया-वन को 9307 व 7 में 15 जून तक उप सरकार को जमा कराना है, उप सरकार से चेक होने के बाद ही केन्द्र सरकार के पास फाइल प्रोजेक्ट सौंप जाएगा। ऑन लाइन वोटिंग में एरिया-वन ऑफ है लेकिन ऑफ लाइन वोटिंग को फीडिंग देना और चलाने, इसके बाद ही टैक प्रोबलम को ठीक करके सामने आया कि विकास को वीड में कौन आगे है।

स्मार्ट सिटी सोल्यूशन में टैफिक मैनेजमेंट पर सबसे ज्यादा वोटिंग होने से अब कंपनी का ध्यान टैफिक सुधार पर सबसे ज्यादा है। इसके लिए इंटिग्रेटेड टैफिक सिस्टम लागू होगा, जिसमें पूरे शहर को टैफिक कावस्था एक सिमेट्रीव कैमरे में कैद होगा। जेएलएल कंपनी के उच्च पदाधिकारी शुक्रवार तक प्रोजेक्ट को ड्राफ्टिंग को फाइनल करने आने को उम्मीद है। प्रोजेक्ट के प्रस्तावों में किस तरह में किनासा खर्च होगा, इस पर को 7977 इलेक्ट्रॉनिक्स से स्मार्ट मेथन शुरू हो गया है। बस एरिया ही चर्चित सिटी के प्रोजेक्ट को ड्राफ्टिंग शुरू हो गई है।

स्मार्ट सिटी की वोटिंग बंद हो चुकी है अब इसे फाइनल करने की देवारी है। प्रोजेक्ट को ड्राफ्टिंग का कार्य शुरू हो चुका है।

टीएन मिश्रा, स्मार्ट सिटी प्रभारी

काना है, उप सरकार से चेक होने के बाद ही केन्द्र सरकार के पास फाइल प्रोजेक्ट सौंप जाएगा। ऑन लाइन वोटिंग में एरिया-वन ऑफ है लेकिन ऑफ लाइन वोटिंग को फीडिंग देना और चलाने, इसके बाद ही टैक प्रोबलम को ठीक करके सामने आया कि विकास को वीड में कौन आगे है।

मुद्रादाबाद, जहां : मंगला के हनुमान निवासी प्रिन्सला पंचे बॉबी को देवर की शिकायत करना पनी पड़ गया। प्रिन्सला महिला के पंचे बॉबी, सपर अमर सिंह अग्रनाथ और चमर अग्रना ने उन्को पिट दी। महिला का आरोप है कि प्रिन्सला व देवर उस पर बुरी नजर रखता था। जबसे उसे वह बच्चा प्रेसत रहती थी। शिकायत को तो उसने पहले तो इस बात अकार कर दिया। इसके बाद उसने और के अन्य सदस्यों ने उसके साथ मारपीत कर दी। किन्ती तरह भीलाला जहां से और पुलिस के पास पहुंची कि प्रिन्सला ने को मारने की जानकारी दी है। वह प्रिन्सला को मर्डेडलत प्रोबलम कराया था

कई साल से हम इसका पाठक हैं।

तैयारी : लोगो चुनने के लिए नगर निगम करा रहा प्रतियोगिता

स्मार्ट सिटी को पहचान खुद देंगे नागरिक

जगन्नाथ सांगवदाता, मुरादाबाद : कोई कंपनी लांच होती है तो उसके ब्रांड को अपनी पहचान होती है। उसी तरह स्मार्ट सिटी को लोग पहचान खुद देंगे। यानी स्मार्ट सिटी का लोगो चुनने के लिए नगर निगम व जेएलएल कंसलटेंट कंपनी प्रतियोगिता कराएगी। इस प्रतियोगिता में जिसका लोगो चयन समिति बेहतर मानेगी उसे 7000 रुपये का पुरस्कार नगर निगम की ओर से दिया जाएगा। लोगो तैयार करके स्मार्ट सिटी की वेबसाइट Smartcitymoradabad.in पर देना होगा। लोगो के लिए आयोजित प्रतियोगिता में बच्चे, युवा और वरिष्ठजन कोई भी हिस्सा ले सकता है। नगर निगम व जेएलएल कंसलटेंट कंपनी हर प्रयास कर रही है कि टॉप-40 में शहर का चयन हो जाए। कंपनी के पदाधिकारी मुरादाबाद में ही रहकर संशोधित प्रोजेक्ट बनाने में जुटे हैं। अब नगर निगम व नई कंपनी स्मार्ट सिटी को पहचान देने से लेकर उसमें होने वाले विकास कार्यों ने सीधे जनता को फायदा पहुंचाने वाले बिंदु लिए गए हैं।

वोटिंग में छोड़ें सुस्ती नहीं तो पिछड़ जाएंगे

स्मार्ट सिटी के लिए जन सहभागिता निगाने को दो दिन में 500 लोगों ने वोटिंग की। नगर निगम ज्यादा से ज्यादा वोटिंग के लिए प्रचार प्रसार तेज करने में जुट गया है। वेबसाइट पर Smartcitymoradabad.in पर लोगों ने अपनी पसंद का परिया चुनकर वोट डाला।

पहचान देने से लेकर उसमें होने वाले विकास कार्यों ने सीधे जनता को फायदा पहुंचाने वाले बिंदु लिए गए हैं।

मुरादाबाद, 18 मई 2016

वोटिंग करके बनिए शहर के स्मार्ट नागरिक

संशोधित प्रोजेक्ट के प्रस्तावों के लिए ऑनलाइन वोटिंग शुरू, महापौर वीना अग्रवाल ने किया वेबसाइट का उद्घाटन

जगन्नाथ सांगवदाता, मुरादाबाद : क्या होगा स्मार्ट सिटी? क्या होगा हर किंवदंती के सन में ओपन था है। स्मार्ट सिटी बनने को नागरिक प्रोजेक्ट के अन्तर्गत की पूरी कोशिश आगे बढ़ने है। अब स्मार्ट सिटी में लोग को विकास करके के लिए प्रोत्साहित किया जा रहा है। ऑन लाइन वोटिंग करके प्रस्तावों पर वोट डालना। नगर निगम की वेबसाइट पर स्मार्ट सिटी के लिए वोट डालने के लिए प्रोत्साहित किया जा रहा है। नगर निगम की वेबसाइट पर स्मार्ट सिटी के लिए वोट डालने के लिए प्रोत्साहित किया जा रहा है। नगर निगम की वेबसाइट पर स्मार्ट सिटी के लिए वोट डालने के लिए प्रोत्साहित किया जा रहा है।

स्मार्ट सिटी सोल्यूशन

पैन सिटी सोल्यूशन

स्मार्ट सिटी की प्रतियोगिता में बच्चे, युवा और वरिष्ठजन कोई भी हिस्सा ले सकता है। नगर निगम व जेएलएल कंसलटेंट कंपनी हर प्रयास कर रही है कि टॉप-40 में शहर का चयन हो जाए। कंपनी के पदाधिकारी मुरादाबाद में ही रहकर संशोधित प्रोजेक्ट बनाने में जुटे हैं। अब नगर निगम व नई कंपनी स्मार्ट सिटी को पहचान देने से लेकर उसमें होने वाले विकास कार्यों ने सीधे जनता को फायदा पहुंचाने वाले बिंदु लिए गए हैं।

स्मार्ट सिटी का लोगो तैयार अब मिलेगी खास पहचान

मुरादाबाद : स्मार्ट सिटी को पहचान शीघ्र मिलने वाली है। कुल 26 लोगो शहर की जनता के बीच से आए हैं, जिसमें एक लोगो का चयन नगर निगम की टीम सीधे करेगी और स्मार्ट सिटी के लोगो के साथ होर्डिंस शहर के चौकों पर लगाए जाएंगे। स्मार्ट सिटी को पहचान दिलाने वाला लोगो एक अच्छा संदेश देगा। लोगो के लिए नगर निगम ने ऑनलाइन प्रतियोगिता कराई थी। जिसका लोगो स्मार्ट सिटी को पहचान दिलाने में मदद करेगा। स्मार्ट सिटी का संशोधित प्रोजेक्ट भी बनकर तैयार हो गया है। मुरादाबाद तक वेबसाइट पर डालकर इसे सार्वजनिक कर दिया जाएगा। महानगर के लोगो की उम्मीदें इस संशोधित प्रोजेक्ट से ज्यादा हैं। स्मार्ट सिटी में भुवनेश्वर को नंबर एक स्थान दिलाने वाली कंपनी ने ही अपने जहर का प्रोजेक्ट संशोधित किया है। पुराना प्रोजेक्ट करीब 11 सौ करोड़ रुपये का था, लगभग इसी के आसपास संशोधित प्रोजेक्ट भी बनाया गया है लेकिन इसमें हर तथ्य बेहतर तरीके से समझाया गया है। दूसरे चरण की प्रतियोगिता में स्मार्ट सिटी के मानकों पर संशोधित प्रोजेक्ट

खरा उतरने को पूरी उम्मीद है। एरिया-वन का विकास स्मार्ट सिटी में होना तथ है। एरिया-वन में चर्चित स्थानों में री-डेवलपिंग का काम होगा। पैन सिटी में पूरा शहर का विकास होगा, जिसमें सालिड बेस्ट मैनेजमेंट, इंटीग्रेटेड टैफिक सिस्टम, नगर निगम कंट्रोल पावर सिस्टम लिए गए हैं। सालिड बेस्ट मैनेजमेंट में कृषि उद्योग से लेकर उसके निस्तारण का पूरा प्लान रखा गया है। स्मार्ट सोल्यूशन में 16 बिंदुओं में 10 लिए गए हैं।

लोगो का चयन लगभग हो चुका है लेकिन एक बार नगर निगम टीम की ओर से फाइनल करना बाकी है।

टीएन मिश्रा, स्मार्ट सिटी प्रभारी

1.90 करोड़ से संवरेगा पंडित नगला बाइपास



4.8.1. PUBLIC PARTICIPATION

NEWSPAPERS ANNOUNCEMENTS

स्मार्ट सिटी के लिए जमकर बरसे वोट

मुरादाबाद, कार्यालय संवाददाता

स्मार्ट सिटी के दूसरे चैलेंज राउंड के लिए वोटिंग में जमकर बरसे लोगों ने जागरूकता दिखाई और तीन श्रेणियों में वोटिंग 88 हजार का आंकड़ा पार कर गई। अलबत्ता स्मार्ट फेजर्स में सुविधाओं के लिहाज से वोटिंग रस्ता जरूरी थी। ऑफलाइन के वोट और जुड़ने हैं। केन्द्र सरकार की स्मार्ट सिटी मिशन योजना में पहली बार में टॉप टिक्टो सूची में मुरादाबाद का नाम शामिल नहीं हो सका। इसके बाद सरकार ने अब देखाया शहरों को स्मार्ट सिटी में शामिल करने की तैयारी शुरू की है। स्मार्ट सिटी का दूसरा चैलेंज राउंड जून में होगा। इस राउंड में पहले से ही प्रतिभागी शहरों में तैयारी की जा रही है। इस राउंड में भी रायचुम्बारी को खास अहमियत दी गई है। मुरादाबाद में नगर निगम ने लोगों को राय जानने को वोटिंग कराई। 16 जून से शुरू वोटिंग मंगलवार को रात 12 बजे तक चली। ऑनलाइन और ऑफलाइन वोटिंग के लिए नगर निगम ने तैयारी की। वोटिंग के लिस्ट टैगिं के लिए शहर को पांच हिस्सों में बांटा गया। साथ ही इन इलाकों में सुविधाओं के लिए 16 स्मार्ट फेजर्स और पेन सिटी में दो विकल्प चुनने थे। पिछली वोटिंग के लिहाज से निगम के लिए इस बार का राउंड बेहतर रहा। पांच एरिया में 29 210, स्मार्ट फेजर्स में 37 646 और पेन सिटी में 21

वोटिंग खत्म

- भोलवार आधी रात तक जमकर चली ऑन लाइन वोटिंग
- ऑन लाइन वोट का आंकड़ा 88, 688 पर पहुंचा

हजार 832 लोगों ने वोट डाले। इसमें एरिया नंबर-1 में सबसे ज्यादा 9477 लोगों ने जागरूकता दिखाई। वोट डालने इस श्रेणी में एरिया एक और दो में ही मुकामका हुआ। इसी तरह स्मार्ट फेजर्स में स्मार्ट टैगिंक नैजकॉट को 4679 और पेन सिटी में भी इटेलीजेंट टैगिंक नैजकॉट को 8489 लोगों ने वोट दिए।

वोटिंग के बाद अब शुरू होगी प्रोजेक्ट बनाने की तैयारी नगर निगम ने स्मार्ट शहर की तस्वीर बनाने की तैयारी शुरू कर दी है। स्मार्ट सिटी के दूसरे राउंड में वोटिंग का काम पूरा होने के बाद निगम ने जोरदार काम शुरू करने की तैयारी शुरू कर दी है। स्मार्ट सिटी के दूसरे राउंड में वोटिंग का काम पूरा होने के बाद निगम ने जोरदार काम शुरू करने की तैयारी शुरू कर दी है। स्मार्ट सिटी के दूसरे राउंड में वोटिंग का काम पूरा होने के बाद निगम ने जोरदार काम शुरू करने की तैयारी शुरू कर दी है।

मुरादाबाद स्मार्ट बनाने को ज्यादा से ज्यादा सुझाव दें

मिल एक पानों यह श्रां. सान भी ह ने गिनी युत गाव जो द्या कर गे। कि गा मह क श.

स्मार्ट सिटी

मुरादाबाद, कार्यालय संवाददाता

मुरादाबाद के स्मार्ट सिटी का प्रोजेक्ट बुधवार को पूरी तरह तैयार नहीं हो पाया। ऐन वकत में दिक्कतें आने पर इस पर एक दिन और काम करने का फैसला लिया गया। प्रस्ताव का ब्लू प्रिंट अब गुरुवार को वेबसाइट पर लोड होगा। वहीं निगम ने प्रोजेक्ट की बेहद तरीके के लिए वेबसाइट पर लोगों के सुझाव का विकल्प खुला रखा है। केन्द्र की स्मार्ट सिटी मिशन की दूसरे दौर की प्रतियोगिता जून में होगी।

स्मार्ट शहर का प्लान बना रहे निगम और कंसल्टेंट एजेंसी ने प्रोजेक्ट का काम पूरा कर लिया है। निगम ने प्रोजेक्ट में शहर की बड़ी समस्या जाम और यातायात प्रबंधन को प्राथमिकता दी है। इसकी वजह वोटिंग के आंकड़े हैं। निगम ने एरिया नंबर 1 के तहत टाउनहाल, गंज गुरुहट्टी, दिल्ली रोड पर चौ चरण सिंह चौक आदि के संवरने की तस्वीर ब्लू प्रिंट में नजर आएगी। निगम में शहर का प्रोजेक्ट तैयार कर लिया है। बुधवार को इसे सुझाव हासिल करने के लिए निगम की वेबसाइट पर अपलोड किया जाना था पर किसी तकनीकी दिक्कत आ गई। स्मार्ट सिटी प्रभारी टीएन मिश्र का कहना है कि प्रोजेक्ट तकरीबन तैयार है। इसे गुरुवार का वेबसाइट पर लोड किए जाने की उम्मीद है।

संगठना क सुझाव

मोबाइल कॉलर टयुन में वोट के लिए प्रोत्साहित करने का संदेश प्रसारित किया जाना चाहिए। जाम वाले चौराहों को यू टर्न की शोप दी जाए ताकि जाम न लगे। सतपाल, नियतक

वोटिंग मुहिम से स्कूल व इंजीनियरिंग कालेज को भी जोड़ा जाए। वोट की प्रक्रिया समझाने को कैंप लगे। विनीत गुप्ता, आईआईए।

स्मार्ट सिटी के महत्व को समझाने की जरूरत है। लोगों को सक्रिय करने के लिए नगर निगम को कैंप लगाने को हर संभव मदद मिलेगी। सब लोगों को इसमें साथ आना ही होगा। रुचि चौधरी, पार्षद व महिला संगठन

ऑनलाइन वोटिंग में स्कूलों में बड़ी उम्र के बच्चे अहम भूमिका निभा सकते हैं। निगम शिक्षण संस्थानों को साथ जोड़े और लोगों के बीच तो जाना ही पड़ेगा। अब्दुल फरीद, शिक्षक प्राथमिक संगठन

स्मार्ट सिटी में सुझाव देने और वोट के लिए बड़े स्तर पर जनजागरण अभियान चलाने की जरूरत है। स्मार्ट सिटी पर तो सबको साथ आना ही होगा। विवेक पाल सिंह, जिलाध्यक्ष प्राथमिक संघ

शहर में ऑनलाइन वोटिंग के लिए चापक स्तर पर प्रचार-प्रसार की जरूरत है। जागरूक लोगों को भी जोड़े जाना होगा। कर्मचारियों को भी इससे जोड़ना चाहिए। जे. जोशी, विद्युत मजदूर संगठन

स्मार्ट सिटी में अद्भुत छटा बिखरेगा रामगंगा का तट

मुरादाबाद, कार्यालय संवाददाता

मुरादाबाद स्मार्ट सिटी के प्रोजेक्ट को अंतिम रूप दे दिया जाएगा। दूसरे राउंड में नगर निगम और कंसल्टेंट एजेंसी जेएलएल कंपनी ने ड्राफ्ट प्लान में इस बार भी रिवर फ्रंट का प्रस्ताव शामिल किया गया है। निगम ने रामगंगा किनारे को खुबसूरत बनाने के लिए इस बार भी इसे प्रस्ताव के रूप में शामिल किया है। रामगंगा नदी के तट को संवरने के लिए निगम ने कोई कमी नहीं छोड़ी है। नदी किनारे हरियाली होगी। तट का इलाका खुबसूरत बनाने के लिए पूरे में पेड़ पौधे लगेंगे। खुबसूरत पार्क बनाकर रामगंगा तट के स्वल्प को संवारना जाएगा।

बदलेगी तस्वीर

- स्मार्ट सिटी के प्रोजेक्ट में रिवर फ्रंट डवलपमेंट को सो करोड़ का प्रस्ताव
- तट संवार जाएगा, हरियाली उगाई जाएगी और मनोरंजन के तमाम इंतजाम
- रोशनी के भी भरपूर इंतजाम होने साथ ही बच्चों के लिए पार्क बनाए जाएंगे

हालांकि निगम ने पिछले स्मार्ट सिटी प्रोजेक्ट में रिवर फ्रंट डवलपमेंट का प्रस्ताव तैयार किया था। इस प्रस्ताव पर प्रोजेक्ट पर पांच सौ रुपये खर्च का प्रस्ताव था। इसमें नदी को बाढ़ का पानी रोकने को सात किमी लंबी रिटेंगिंग बॉल समेत कामों का खाका तैयार किया गया था। पर इस बार निगम ने रिवर फ्रंट को आकर्षक बनाने का खाका खींचा है। इस पर सो करोड़ रुपये खर्च का प्रस्ताव है। तटीय इलाका हर-भरा होने से रामगंगा नदी का स्वरूप ही बदल जाएगा।

स्मार्ट सिटी में सुझाव देने और वोट के लिए बड़े स्तर पर जनजागरण अभियान चलाने की जरूरत है। स्मार्ट सिटी पर तो सबको साथ आना ही होगा। विवेक पाल सिंह, जिलाध्यक्ष प्राथमिक संघ

शहर में ऑनलाइन वोटिंग के लिए चापक स्तर पर प्रचार-प्रसार की जरूरत है। जागरूक लोगों को भी जोड़े जाना होगा। कर्मचारियों को भी इससे जोड़ना चाहिए। जे. जोशी, विद्युत मजदूर संगठन



1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

शहरी विकास मंत्रालय, भारत सरकार द्वारा 'स्मार्ट सिटी मिशन' के अन्तर्गत मुख्य सचिव उ० प्र० शासन की अध्यक्षता में गठित राज्य स्तरीय उच्चाधिकार संवहलन 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 संघालित स्मार्ट सिटी मिशन के अन्तर्गत मुख्य सचिव उ० प्र० शासन की अध्यक्षता में गठित राज्य स्तरीय उच्चाधिकार संघालन समिति की बैठक में प्रमुख सचिव, नगर विकास विभाग, उ० प्र० शासन द्वारा अवगत कलक पाया कि आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा संघालित स्मार्ट सिटी मिशन शवष-4 के अन्तर्गत उत्तर प्रदेश के वलवित 07 नगरों यथा-बरेली, मुरादाबाद, मेरठ, सहारनपुर, गाजिपुराद, रामपुर एवं मयबरेली तैयार फार लिये गये हैं तथा गार्ड-उलाइन्स के अनुसार स्मार्ट सिटी प्रपोजल का अनुवीचन राज्य स्तरीय उच्चाधिकार संघालन समिति (SHPSC) के अनुमोदन के परवात् दिनांक 30.11.2017 तक प्रस्ताव शहरी विकास मंत्रालय, भारत सरकार को प्रलुत किया जाना है।

2- इस संघ में अवगत कलया गया कि स्मार्ट सिटी मिशन के प्रस्तावों को पुनरीक्षण हेतु तृतीय प्ररण में आवाहन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा गतिमय कमिथी का गलनेक किया गया था। इन कमिथी को दूर कलते हुए इन प्रस्तावों का पुनरीक्षण दो बार शासन स्तर पर तथा आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार में विज्ञेवशों को अतिरिक्त श्री जैयद जर्गा, सलाहकर से प्राप्त सुझावों को भी स्मार्ट सिटी प्रपोजल में शामिलार कर लिये गये हैं। इस योजना के अन्तर्गत आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा का 100 करोड प्रतिवर्ष के अनुसार कुल 500 करोड 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 गार्ड-उलाइन्स के अनुसार 100 नगरों का घयन इस मिशन के अन्तर्गत वेश में किया जाना है, जितने से उत्तर प्रदेश से अधिकतम 13 नगर घयनित किये जाने हैं। 100 नगरों के सापेक्ष 60 नगरों का घयन भारत सरकार द्वारा तृतीय प्ररण में किया गया, जिसमें 2000 राज्य के 07 नगरों का भी घयन हो सका है तथा 07 नगरों का घयन सकुचं वचन में प्रस्तावित है।

3- वर्तमान में विचार किये गये स्मार्ट सिटी प्रपोजल के अन्तर्गत नगरों की बुकानोमी एक्टिविटी को केन्द्रित करते हुए उनको विचन का निर्धारण किया गया है तथा विचन के आकार पर ही नगरों के गोल एवं सब-गोल का निर्धारण भी किया गया है तथा प्रलोक गोल एवं सब-गोल के सापेक्ष नगर स्तर पर विभिन्न वन्द्रीय, राज्य एवं स्थानीय स्तर की योजनाओं का भी प्रस्ताव में कन्वर्जेन्स किया गया है तथा स्मार्ट सिटी मिशन के प्रस्तावों को तैयार करने हेतु विभिन्न विभागों से एम०ओ०यू तथा योजना के सापेक्ष जो कार्य नगरों द्वारा प्ररथ्य 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 करोड तथा आगामी वर्ष में 100 करोड 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

1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

को 1500 करोड़ का बजट आवंटित किया गया है। समिति द्वारा कन्दाह के सार्वजनिक राजस्वों की अपेक्षागत सुनिश्चित करने के लिए व्यवस्थापक दिशे जाने का निर्णय लिया गया।

5- समिति को यह भी अवगत कराया गया कि स्मार्ट सिटी प्रोजेक्ट को तैयार करने में नगरपालिका की सहभागिता भी सुनिश्चित की गयी तथा वर्कप्लान में अधिकतम भूखंडों द्वारा 50 प्रतिशत से लेकर 30 प्रतिशत तक नगरपालिका की सहभागिता प्राप्त की गयी है। समिति को यह भी अवगत कराया गया है कि स्मार्ट सिटी प्रोजेक्ट के क्रियान्वयन हेतु सभी तहसीलों से एनपीओ के गठन हेतु शासनादेश संख्या-1205/नौ-5-2016-1184/16 दिनांक 16.04.2016 निर्गत किया गया है। इसके अतिरिक्त उत्तर प्रदेश राज्य में सभी शासकीय विभागों में मुख्य सचिव, 20प्र0 शासन द्वारा समस्त उपर मुख्य सचिव/ प्रमुख सचिव/ सचिव को स्मार्ट सिटी शैल बनाये जाने के निर्देश दिये गये हैं, जिससे कि स्मार्ट सिटी प्रोजेक्ट की स्वीकृति के परन्तु एनपीओ के गठन एवं अन्य विभागों में सहज्यता में विलम्ब न हो।

स्मार्ट सिटी मिशन के अन्तर्गत तनक आयुक्त/मुख्य विकास अधिकारी द्वारा अपने समस्तों 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 प्लानइंग, SWOT Analysis, Strategic Focus Point एवं विभिन्न स्ट्रेटिजिक डॉक्यूमेंट्स को 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 प्रत्यक्ष करने हेतु निम्न स्ट्रेटिजिक प्वाइंट बनाये गये हैं-

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

विज्ञान, गोलस और सर्वगोल्या 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 एनपीओडी0 एरिया के अन्तर्गत जनसंख्या 85000 की है। इस रेट्रोफिटिंग एरिया में स्मार्ट सिटी मिशन का गोल प्राप्त करने हेतु ENHANCE ECONOMY के अन्तर्गत 8 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 एनपीओडी0 परियोजनाओं की लागत 1350.40 करोड़ की है, जिसमें ₹0 99.58 करोड़ कन्सल्टेन्स के आधार पर, 514.69 करोड़ स्मार्ट सिटी मिशन तथा ₹0 436.13 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 ₹0-



1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

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

परियोजना में 02 प्रतिष्ठत प्रोजेक्ट प्रीपरेशन तथा डिटेल्ड प्रोजेक्ट रिपोर्ट का प्राविधान करके हुए स्मार्ट सिटी प्रोजेक्ट कुल रुपये 1902.77 करोड़ का तैयार किया गया है, जिसमें रु० 982 करोड़ स्मार्ट सिटी मिशन से, रु० 487 करोड़ कन्सल्टेशन के माध्यम से तथा रु० 434 करोड़ डीपीपी के माध्यम से कराया जाना प्रस्तावित है।

परियोजना के क्रियान्वयन हेतु स्थायी स्तर पर विभिन्न शासकीय विभागों एवं गैर सरकारी संगठनों एवं विभिन्न एरोसिएशन से समन्वित तथा जन्म विभिन्न संस्कारों से सपोर्टिंग लेटर भी प्राप्त किये गये हैं। स्मार्ट सिटी प्रोजेक्ट में कोष संचार की प्रवृत्ति योजनाएँ तथा-अमृत, HMCM, BSNL ASIDE, लक्ष्य भागा मिशन, MNRE तथा राज्य सरकार की विभिन्न योजनाएँ तथा-आईटीएसएस, एससीएसएस, नैडा, अवस्थापना निधि तथा बरेली विकास प्राधिकार का भी Co-operation प्रस्ताव में किया गया है तथा अवगत कराया गया कि बरेली की आर्थिक गतिविधियों जशी और भागा पर अवलंबित हैं। अतः इस उद्योग के प्रिवालयन हेतु को-आपरेटिव बैंक की कर्पोरेट प्रकृति को सुदृढ़ करना प्रस्तावित है।

समिति द्वारा बरेली को स्मार्ट सिटी प्रोजेक्ट रुपये 1902.77 करोड़ पर अनुसंधान प्रदान करते हुए राज्य स्तर पर लोक निर्माण, परिवहन, क्वार्टर, ग्रह एवं रोपण सेवा, जलवायु एवं शहरी नियोजन, संस्कृति, कला, नगर विकास एवं नगरीय योजनाएँ एवं शहरी तन्मूलन कर्षक, अपराधपरिक कर्षक, जायुर्वेद, उद्योग एवं पर्यावरण विभाग द्वारा सहयोग देने का निर्णय किया गया।

2. नगर निगम गाजियाबाद का प्रस्तुतिकरण— नगर आवृत्त नगर निगम गाजियाबाद द्वारा अवगत कराया गया कि सिटीजन कन्सल्टेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point एवं आवासान एवं शहरी कार्य मंत्रालय, भारत सरकार द्वारा तृतीय क्रम में उपलब्ध करायी गयी कमिटी के निराकरण करते हुए गाजियाबाद नगर का विज्ञान पुनः निर्धारित किया गया है, जो निम्नवत हैं।

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

उपरोक्त विज्ञान की प्राप्ति हेतु 04 गोलस का निर्धारित किये गये हैं, जो निम्नवत हैं—

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

उपरोक्त विज्ञान गोलस के निर्धारण के पश्चात सिटीजन कन्सल्टेशन, स्ट्रेण्डोल्लर्स, विभिन्न शासकीय विभागों तथा संगठनों से विचार-विमर्श की पश्चात पूर्व में प्रस्तावित ए०बी०डी०एरिया जो 1495 एकड़ था, को कम करते हुए प्रस्तावित योजना 1058.50 एकड़ किया गया है एवं सभी गोलस को प्राप्त करने हेतु ए०बी०डी०एरिया को 03 जोन में परिवर्तित किया गया है। जोन-1 में सेडेपलपमेन्ट ऑफ

1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

एशिया के सबसे तेजलेगनेट हेतु क्षेत्र का निर्धारण करने के लिए विज्ञान की प्रगति हेतु मेरठ का कोर एरिया 1244 एकड़ प्रस्तावित किया गया है। इस क्षेत्रफल में 18 प्रतिशत आवासीय तथा 28 प्रतिशत कृषि/कृषि-संबंधी तथा 51 प्रतिशत इण्डस्ट्रीयल के लिए प्रस्तावित है। एशिया के सबसे तेजलेगनेट के अन्तर्गत प्रथम गोल को प्राप्त करने के लिए 20 परियोजनाएँ, **Sustained 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 है। पैनेलिटी प्रोजेक्ट के अन्तर्गत भी उपरोक्त 04 गोलों को प्राप्त करने हेतु आर्बिटी गवर्नन्स से सम्बंधित योजनाएँ भी प्रस्तावित हैं। मेरठ नगर में स्मार्ट सिटी मिशन के अन्तर्गत रु० 1108.83 करोड़ एबीडी के अन्तर्गत रु० 1171.74 करोड़ प्रस्तावित है। इस प्रकार कुल स्मार्ट सिटी हेतु रु० 2280.58 करोड़ की धनराशि प्रस्तावित है, जिसमें से कन्सल्टेन्स के माध्यम से रु० 874.18 करोड़, पीएचडीएल के माध्यम से रु० 310 करोड़ तथा स्मार्ट सिटी मिशन के अन्तर्गत रु० 1096.38 करोड़ की धनराशि प्रस्तावित की गई है।

समिति द्वारा मेरठ के स्मार्ट सिटी प्रोजेक्ट लगभग 2280.58 करोड़ की अनुमोदित करों हुए स्थानीय सार पर किये गये एग्रीजमेंट्स के क्रियान्वयन हेतु राज्य सार पर लोक निर्माण, परिवहन, गृह एवं संपन्न, जावाहा एवं शहरी नियंत्रण, ऊर्जा, नगर विकास एवं नगरीय संवर्धन एवं नरीबी उन्मूलन कार्यक्रम, अपरासपरिक कर्ज सिवार्ड 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 प्रस्तावितकरण-** नगर आयुक्त नगर निगम मुरादाबाद द्वारा अधगत किया गया कि तृतीय सत्र के परस्ता पुनः दिष्ट करके हुए भारत सरकार द्वारा तृतीय त्रय में उपलब्ध कराये गये सुझावों के आधार पर विज्ञान को निलंबित किया गया है। सिटीजन कन्सलटेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point एवं विभिन्न स्टेट होल्डर के सहयोग के आधार पर मुरादाबाद नगर का विज्ञान निर्धारित किया गया है, जो निम्नवत है:-

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

उक्त विज्ञान के अन्तर्गत 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 & Responsible Governance के अन्तर्गत विभिन्न क्षेत्रों में 04 परियोजनाएँ, Reduce, Reuse, Recycle and Rethink के अन्तर्गत विभिन्न क्षेत्रों में 13 परियोजनाएँ, पैनेलिटी प्रोजेक्ट के अन्तर्गत 05 परियोजनाएँ तथा स्मार्ट गवर्नन्स के अन्तर्गत 11 परियोजनाएँ प्रस्तावित की गई हैं। उपरोक्त योजना के क्रियान्वयन हेतु



1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

एडीसी लेव 1556 एकड़, ₹202.00 करोड़, वैन सिटी में ₹210 करोड़ की परिकल्पनाएं प्रस्तावित हैं। इस प्रकार उपरोक्त परियोजनाओं के लिए कुल लागत ₹21768 करोड़ है। जिसमें ₹20622.00 करोड़ कन्वर्जेंस के द्वारा, ₹2182.00 करोड़ पीपीपीपी के द्वारा तथा ₹964.00 करोड़ स्मार्ट सिटी मिशन के अंतर्गत प्रस्तावित की गई है। योजना में विभिन्न एरोस्ट जो कंटेडि होगे उनकी O&M कास्ट भी ₹20258 करोड़ प्रस्तावित की गई है।

समिति द्वारा सुरदाबाद के स्मार्ट सिटी प्रोजेक्ट लक्ष्य 1768 करोड़ तथा ₹2252 करोड़ को एच एच की अनुमोदित कराते हुए स्थानीय स्तर पर किये गये एमप्लोयमेंट के कियान्चन हेतु राज्य स्तर पर लोक निर्माण, परिवहन, गृह एवं शौच, आवास एवं सहरी नियोजन, ऊर्जा, नगर विकास एवं नगरीय संचरण एवं गरीबी उन्मूलन कार्यक्रम, नैट नारमलिक ऊर्जा सिमाई एवं जल संसाधन, उद्योग तथा पर्यावरण विभाग द्वारा पूर्ण सहयोग देने का निर्णय लिया गया जिससे कि स्मार्ट सिटी प्रोजेक्ट का कियान्चन सम्भव हो सके।

3. नगर निगम, सहारनपुर का प्रस्तुतीकरण- नगर जायुक्त, नगर निगम सहारनपुर द्वारा अवगत कराया गया कि सिटीजन कन्सल्टेशन, सिटी प्रोफाइल, SWOT Analysis, Strategic Focus Point गत सत्र सरकार द्वारा तृतीय राष्ट्र में उपलब्ध कराये गये स्मार्ट सिटी प्रोजेक्ट के आकार पर पुनः सहारनपुर नगर का विज्ञान निर्धारित किया गया है, जो निम्नवत है-

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

उक्त विज्ञान को ज्ञान करने लिए 02 मुख्य पोलस का निर्धारित किये गये हैं जो निम्नवत हैं-

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

प्रथम पोल के अंतर्गत विभिन्न क्षेत्रों में 06 परियोजनाएँ, द्वितीय पोल के अंतर्गत 08 परिकल्पनाएँ विभिन्न क्षेत्रों में, एरिया बेसड डेवलोपमेंट के अंतर्गत स्वीकृत की गई है। वैन सिटी, ट्रांसपोर्टेशन के अंतर्गत 06 परियोजनाएँ, रिसोर्सिबल एपरोच के अंतर्गत 11 परियोजनाएँ प्रस्तावित की गई है। एमप्लोयमेंट के अंतर्गत विभिन्न क्षेत्रों में 11 परियोजनाएँ ₹201283 करोड़ तथा वैन सिटी के अंतर्गत 02 परिकल्पनाएँ ₹20212 करोड़ प्रस्तावित की गई है। ₹210 करोड़ की समग्रता प्रोजेक्ट कास्ट एवं डीवेलपमेंट के अंतर्गत मानते हुए कुल स्मार्ट सिटी का प्रस्ताव ₹21505 करोड़ का है, जिसमें से ₹20955.00 करोड़ स्मार्ट सिटी मिशन द्वारा, ₹20123 करोड़ कन्वर्जेंस के द्वारा तथा ₹417.00 करोड़ पीपीपीपी के अंतर्गत प्रस्तावित किये गये हैं।

समिति द्वारा सहारनपुर के स्मार्ट सिटी प्रोजेक्ट लक्ष्य 1505 करोड़ की अनुमोदित कराते हुए स्थानीय स्तर पर किये गये एमप्लोयमेंट के कियान्चन हेतु राज्य स्तर पर लोक निर्माण, परिवहन, गृह एवं शौच, आवास एवं सहरी नियोजन, ऊर्जा, नगर विकास एवं नगरीय संचरण एवं गरीबी उन्मूलन कार्यक्रम, नैट नारमलिक ऊर्जा सिमाई, कृषि, चिकित्सा-स्वास्थ्य एवं परिवार कल्याण, उद्योग, पर्यावरण विभाग एवं उच्च शिक्षा द्वारा पूर्ण सहयोग देने



1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

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

क. नगर पालिका परिषद रायबरेली का प्रस्तुतीकरण-

अपर जिला मजिस्ट्रेट/अतिशाली अधिकारी, रायबरेली द्वारा अवगत कराया गया कि स्मार्ट सिटी मिशन के अन्तर्गत SWOT Analysis, Strategic Focus Point एवं विभिन्न स्टैकहोल्डर के सहयोग के अन्तर्गत तृतीय अरण्य में रायबरेली द्वारा स्मार्ट सिटी प्रोजेक्ट बनाया गया था तथा भारत सरकार से प्राप्त फण्डिंग, स्थानीय स्तर पर किये गये पुनः शिटीजन एन्ड स्टैकहोल्डर कन्सल्टेशन के अन्तर्गत पर स्मार्ट सिटी प्रोजेक्ट के मिशन का पुनः निर्धारण किया गया है, जो निम्नवत् है।

"Vision-Develop Raebareilly to leverage its existing specialised educational institution for local economic development and quality of life"

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

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

उपरोक्त नीतियों को प्राप्त करने के लिए Economically Vibrant Raebareilly के अन्तर्गत 03 सेक्टरों में 10 परियोजनाएँ ₹50 160 करोड़, शीम-2 Strengthening Physical Infrastructure के अन्तर्गत 28 परियोजनाएँ रुपये 820.93 करोड़, Green and Clean City के अन्तर्गत 21 परियोजनाएँ ₹1 134.98 करोड़ तथा Strengthening Social Infrastructure के अन्तर्गत 11 परियोजनाएँ ₹60 349.07 करोड़ ABD में प्रस्तावित हैं तथा पैनसिटी के अन्तर्गत Citizen-centric Technology-led Governance के अन्तर्गत Mobility & Solid Waste Management के अन्तर्गत परियोजनाएँ प्रस्तावित हैं।

इस प्रकार रायबरेली का स्मार्ट सिटी प्रोजेक्ट ₹1 1431.90 करोड़ का है जिसमें स्मार्ट सिटी मड से ₹60 980.72 करोड़ तथा Convergence के माध्यम से ₹60 349.28 करोड़ तथा ₹60 137.29 करोड़ PPP के माध्यम से प्रस्तावित किये गये हैं।

समिति द्वारा रायबरेली के स्मार्ट सिटी प्रोजेक्ट 1431.90 करोड़ रुपये का अनुमोदित करने हुए स्थानीय स्तर पर किये गये MoU के क्रियान्वयन हेतु राज्य स्तर पर लोक निर्माण, परिवहन, गृह एवं शोपिंग, आवास एवं शहरी नियोजन, ऊर्जा तथा नगर विकास एवं नवतंत्र संजपाए एवं नरीबी समुलन कार्यक्रम विकास द्वारा पूर्ण सहयोग देने का निर्णय लिया गया जिससे कि स्मार्ट सिटी प्रोजेक्ट का क्रियान्वयन सम्भव हो सके।

1. MINUTES OF MEETINGS OF STATE HIGH POWER SELECTION COMMITTEE

- 7 -

प्रस्तावित शहरी पर सम्यक् विचारोपरान्त समिति द्वारा निम्नलिखित प्राथमिकता क्रम में स्मार्ट सिटी के लिये भूमि 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 सचिव-गावाड समिति की बैठक समाप्त की गयी।

मनोज कुमार सिंह
प्रमुख सचिव,
नगर विकास विभाग।

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

प्रतिलिपि निम्नलिखित को सूचनाार्थ 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 आफिसर, 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- गार्ड फाइल।

(राधे कृष्ण)
संयुक्त सचिव।

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



कार्यालय नगर निगम मुरादाबाद।

—: प्रमाण पत्र :-

पत्रांक:-203 / स्मासि0 / नानि0मु0 / 2016-17

दिनांक 25.11.2017

विषय :- स्मार्ट सिटी चैलेन्ज राउण्ड-04 के अन्तर्गत नगर के स्मार्ट सिटी प्रोजेक्ट के अनुमोदन के सन्दर्भ में।

स्मार्ट सिटी चैलेन्ज राउण्ड-04 के अन्तर्गत नगर के तैयार स्मार्ट सिटी प्रोजेक्ट निम्नवत तैयार किया गया है :-

Project Details	Convergence (Rs. Cr.)	PPP (Rs. Cr.)	Smart City Cost (Rs. Cr.)	Total Cost (Rs. Cr.)
Total ABD Proposal	612	162	782	1556
Total - Pan City Proposal	10	20	172	202
Total - SCP Cost	622	182	954	1758
Project Preparation and Detail Project Report Preparation (@ 1% of Total SCP Cost)			10	
Total Project Cost under Smart City Mission (Rs. Cr.)	622	182	964	1768

Total O&M Cost (Cr.)

: 258

Lifetime Cost (Cr.)

: 2026

इस प्रोजेक्ट को स्टेट लेवल हाई पावर कमेटी के सम्मति दिनांक 27.11.2017 को अनुमोदनार्थ प्रस्तुत किया जाना है। इसके पूर्व इसका मा0 सदन द्वारा अनुमोदन आवश्यक है। सम्प्रति मा0 सदन अस्तित्व में नहीं है तथा इसकी शक्तियों प्रशासक के रूप में नगर आयुक्त में निहित हैं।

अतः चयन के दृष्टिगत नगर का उपर्युक्त स्मार्ट सिटी प्लान अनुमोदित किया जाता है।

भवदीय



नगर आयुक्त / प्रशासक
नगर निगम, मुरादाबाद।



4.1 City Profile: Collection of Different types of tax for FY 2015-16

Demand Collection Table of FY 2015-16

देयों की वसूली दिनांक 31.03.2016 तक की आय

निकाय का भाग- नगर निगम, नुरदाबाद।

(धनराशि लाखों में)

माह - मार्च, 2016

क्र.सं.	वर्क का नाम	1/4/2015 को बकाया धौर 2014-15	वसूली नं० 2015-16	कुल धौर (9-4)	2015-2016 में की गई वसूली				कुल वसूली 2015-16	प्रतिशत	मा 3 वर्ष 2014-15 में वसूली		
					बकाया धौर से वसूली	प्रतिशत	वसूली नं० से वसूली	प्रतिशत			कुल धौर	वसूली	प्रतिशत
1	2	3	4	5	6	7	8	9	10	11			
(क) धन राशियां													
1	सूचना	238.32	1254.24	1493.58	213.56	89.24	1044.04	83.24	1257.80	84.20	1216.98	976.46	80.30
2	अन्य	363.84	855.81	1219.65	146.18	40.18	880.11	79.47	826.29	67.75	1066.85	703.01	65.90
	समाप्ति कुल धन राशि	603.16	2110.05	2713.21	359.74	59.84	1724.15	81.71	2083.89	76.81	2282.83	1679.47	73.57
3	सूचना	0.20	3.47	3.67	0.20	100.00	3.08	98.18	3.20	98.63	1.09	0.93	85.32
4	अन्य (सूची)	233.77	866.83	1100.60	226.32	96.81	671.15	77.43	897.47	81.54	516.98	1057.56	204.56
5	अन्य (सूची)	0.00	3.00	3.00	0.00	0.00	2.63	87.67	2.63	87.67	3.00	2.32	77.33
6	विकास कर	0.00	40.00	40.00	0.00	0.00	42.00	105.00	42.00	105.00	40.00	32.99	82.48
	अन्य	837.13	3023.35	3860.48	588.26	70.03	2442.99	80.80	3029.25	78.47	2843.90	2773.27	97.52
(ख) अतिरिक्त राजस्व													
7	सूचना	838.09	88.35	924.44	9.28	1.11	37.66	43.61	46.94	5.08	880.80	42.51	4.83
8	सूचना (अन्य धन व वसूली/अन्य/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	68.63	23.50	92.13	4.88	7.11	27.81	118.34	32.89	35.48	103.92	28.89	27.80
9	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	20.00	20.00	0.00	0.00	16.82	84.10	16.82	84.10	20.00	8.32	41.60
10	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	11.00	11.00	0.00	0.00	3.52	32.00	3.52	32.00	11.00	14.82	134.73
11	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	3.90	3.90	0.00	0.00	1.91	48.97	1.91	48.97	3.90	3.13	80.26
12	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	4.50	4.50	0.00	0.00	0.72	16.00	0.72	16.00	4.50	1.36	30.87
13	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	0.22	0.22	0.00	0.00	0.19	86.36	0.19	86.36	0.22	0.14	63.64
14	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	28.33	28.33	0.00	0.00	1.24	4.38	1.24	4.38	30.00	8.32	27.73
15	सूचना (अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली)	0.00	1.80	1.80	0.00	0.00	0.79	43.89	0.79	43.89	1.80	1.86	103.33
16	अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली/अन्य धन व वसूली	0.00		0.00	0.00	0.00	1319.03	0.00	1319.03	0.00	1068.18	1814.45	151.14
	अन्य	908.72	179.60	1088.32	14.16	1.56	1409.69	784.91	1423.85	131.07	2124.10	1723.82	81.16
	कुल	1743.85	3202.95	4946.80	600.42	34.43	3852.68	120.29	4453.10	90.02	4968.00	4497.09	90.52

Data to be consider: Property Tax Demand for FY 2015-16 was Rs 49.68 Cr and collection was Rs. 44.97 Cr with the collection efficiency of 90.52%

4.1 City Profile: Collection of Different types of tax for FY 2016-17

Demand Collection Table of FY 2016-17

देयों की वसूली दिनांक 31.03.2016 तक की आय

निकाय का नाम- नगर निगम, मुल्ताबाद।

(धनराशि लाखों में)

माह - मार्च, 2016

क्र.सं.	वर्ग का नाम	1/4/2015 को बकाया राशि 2014-15	वसूली राशि 2015-16	कुल राशि (अंश)	2015-2016 में की गई वसूली				कुल वसूली 2015-16	प्रतिशत	मा. मार्च 2016 में वसूली		
					बकाया राशि से वसूली	प्रतिशत	वसूली राशि से वसूली	प्रतिशत			कुल राशि	वसूली	प्रतिशत
1	2	3	4	5	6	7	8	9	10	11	12	13	
(क) नगर निगम													
1	सूचना	238.32	1254.24	1493.56	713.56	89.24	1044.04	83.24	1257.60	84.20	1216.98	976.46	80.30
2	अवकाश	363.84	855.81	1219.65	146.18	40.18	680.11	79.47	826.29	67.75	1066.85	703.01	65.90
	समाप्ति का राशि	603.16	2110.05	2713.21	869.74	59.84	1724.15	81.71	2083.89	76.81	2282.83	1679.47	73.57
3	विकास	0.20	3.47	3.67	0.20	100.00	3.08	88.18	3.20	88.63	1.09	0.93	85.32
4	समाप्ति वसूली	233.77	866.83	1100.60	228.32	96.81	671.15	77.43	897.47	81.54	516.98	1057.56	204.56
5	समाप्ति वसूली	0.00	3.00	3.00	0.00	0.00	2.63	87.67	2.63	87.67	3.00	2.32	77.33
6	विकास का	0.00	40.00	40.00	0.00	0.00	42.00	105.00	42.00	105.00	40.00	32.99	82.48
	अंश	837.13	3023.36	3860.48	586.26	70.03	2442.99	80.80	3029.28	78.47	2843.90	2773.27	97.52
(ख) इन्फोर्मेशन													
7	समाप्ति	838.09	88.35	924.44	9.28	1.11	37.66	43.61	46.94	5.08	880.80	42.61	4.83
8	विकास (सूचना, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा)	68.63	23.50	92.13	4.89	7.11	27.81	118.34	32.89	35.48	103.92	28.89	27.80
9	समाप्ति वसूली (सूचना, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा)	0.00	20.00	20.00	0.00	0.00	16.82	84.10	16.82	84.10	20.00	8.32	41.60
10	समाप्ति वसूली (सूचना, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा)	0.00	11.00	11.00	0.00	0.00	3.52	32.00	3.52	32.00	11.00	14.82	134.73
11	समाप्ति वसूली	0.00	3.90	3.90	0.00	0.00	1.91	48.97	1.91	48.97	3.90	3.13	80.26
12	समाप्ति वसूली	0.00	4.50	4.50	0.00	0.00	0.72	16.00	0.72	16.00	4.50	1.38	30.67
13	समाप्ति वसूली	0.00	0.22	0.22	0.00	0.00	0.19	86.36	0.19	86.36	0.22	0.14	63.64
14	समाप्ति वसूली (सूचना, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा)	0.00	28.33	28.33	0.00	0.00	1.24	4.38	1.24	4.38	30.00	8.32	27.73
15	समाप्ति वसूली	0.00	1.80	1.80	0.00	0.00	0.79	43.89	0.79	43.89	1.80	1.86	103.33
16	अंश वसूली (सूचना, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा, सार्वजनिक सुविधा)	0.00	0.00	0.00	0.00	0.00	1319.03	0.00	1319.03	0.00	1068.18	1814.45	151.14
	अंश	908.72	179.60	1088.32	14.16	1.56	1409.89	784.91	1423.85	131.07	2124.10	1723.82	81.16
	कुल	1743.85	3202.96	4946.80	600.42	34.43	3852.68	120.29	4453.10	90.02	4968.00	4497.09	90.52

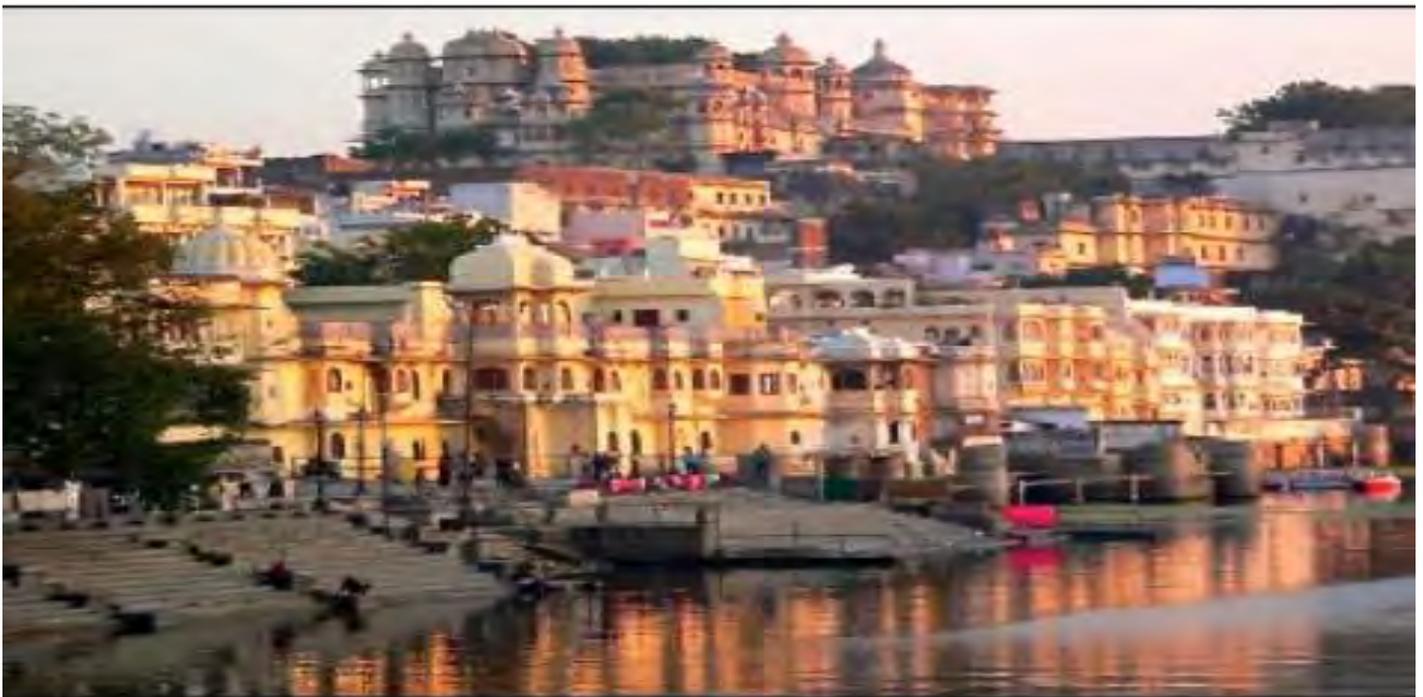
Data to be consider: Property Tax Demand for FY 201-176 was Rs 49.47 Cr and collection was Rs. 44.53 Cr with the collection efficiency of 90.01 %



4.1 City Profile: Credit Rating of Moradabad City by Brickwork Rating



SEBI Registered
RBI Accredited
NSIC Empanelled



Draft Rating Report
MORADABAD MUNICIPAL CORPORATION (MMC)
Place: Moradabad, Uttar Pradesh
Issuer Rating
BWR BBB- (Outlook: Stable)
2017

EXECUTIVE SUMMARY

Rating	Rating Type	Outlook
BWR BBB-	Issuer	Stable



4.7 Mitigation Measures: Technical Support to Smart Cities for undertaking Urban

Subject: Technical Assistance to Smart Cities / AMRUT Cities for undertaking Urban Reforms

Gmail 4031-372
6-11-17 Nagar Nigam Moradabad <moradabadnagamigam@gmail.com>

Technical Assistance to Smart Cities / AMRUT Cities for undertaking Urban Reforms

Pankaj Sinha Assistant Section Officer <pankaj.sinha88@nic.in> 6 November 2017 at 03:44
To: moradabadnagamigam@gmail.com
Cc: dr-nulm@nic.in, g.vjaykumar@nic.in, g.vjaykumar.moud@gmail.com

Respected Sir/Madam,

I am directed to enclose the O.M. No. K-14012/101(6)/2015-SCM-III-V dated 3rd November 2017 addressed to Principal Secretaries (UD) of all States/UTs and Municipal Commissioner of Smart Cities/AMRUT Cities on the subject cited above and to say that the following Urban Reform(s) in the **City namely Moradabad of Uttar Pradesh State** has been undertaken under Capacity Building for Urban Development (CBUD) project funded by the **World Bank**:

- (i). (i) Improvement in Property Tax Collections by the Consulting firms namely M/s GIS Consortium India Private Limited.
- (ii). (ii) Value Capturing Financing Tool (VCF) by the Consulting firms namely M/s CRISIL Risk and Infrastructure Solutions Limited.

2. It is understood that the city has appointed/shortlisted consulting firms for the above mentioned Urban Reforms and accordingly, the RFPs and the scanned copies of the technical and financial evaluation reports of all the submitted proposals as well as the copy of **Contract signed with the consulting firms** had to be shared immediately with the Ministry.

3. It is reiterated that the time line of the deliverables is an important aspect and all the deliverables mentioned in the Contract

4.7 Mitigation Measures: Technical Support to Smart Cities for undertaking Urban Reforms

11/6/2017

(Gmail - Technical Assistance to Smart Cities / AMRUT Cities for undertaking Urban Reforms)

have to be completed by 31st May 2018 (Reference: OM dated 19th April 2017-Copy Enclosed).

4. Since the signed copies of the contracts (either physical or electronic) mentioned in (i) of para 1 above (i.e. Property Tax) has not been received in the Ministry till date. It is, therefore, requested to send the same to this Ministry on immediate basis. **In case, any of the contract for the above mentioned Urban Reforms is not submitted in this Ministry on or before 15th November 2017, the permission for funding from the CBUD shall stand withdrawn and no request shall be entertained thereafter.**

Thanking You.

With regards,

(PANKAJ SINHA)
ASO (CBUD)
Tel:011-23062472

2 attachments

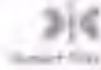
 OM dtd 19-4-2017.pdf
1004K

 OM dtd 3-11-2017.pdf
747K





4.7 Mitigation Measures: Technical Support to Smart Cities for undertaking Urban Reforms



No.K-14012/101(6)/2015-SCM-III-V
 Government of India
 Ministry of Urban Development
 CBUD Division

Nirman Bhavan, New Delhi
 Dated: 03rd November, 2017

OFFICE MEMORANDUM

Subject: Technical Assistance to Smart Cities/ AMRUT cities for undertaking Urban Reforms.

I am directed to refer to this Ministry's OM No. K-14012/101(6)/2015-SCM-III-V dated 19th April, 2017 regarding providing of technical assistance to the AMRUT/Smart Cities for undertaking following Urban Reforms, which are envisaged in the AMRUT. The funds for these reforms are being provided by the Ministry under the Capacity Building for Urban Development (CBUD) project supported by the World Bank.

- (i) Credit Rating of Urban Local Bodies
- (ii) Enhancement of Revenue through Advertisement Tax
- (iii) Reduction of Non-Revenue Water (NRW)
- (iv) Improvement of Property Tax Collections.
- (v) Value Capturing Financing (VCF) Tools
- (vi) Transaction Advisory for issuing Municipal Bonds.

2. Subsequently, it was informed by the Ministry that the RFPs and the scanned copies of the technical and financial evaluation reports of all the proposals requested by States/Cities as well as the copies of Contracts signed with the consulting firms have to be shared with the Ministry. However, some States/Cities have not submitted the signed contracts in the Ministry.

3. It is reiterated that the execution of the contract as well as time line of the deliverables of the contract is an important aspect and all the deliverables mentioned in the Contracts have to be completed by 31st May 2018.

4. Keeping in view the above, States/Cities are requested to send the signed copies of the contracts (either physical or electronic) to this Ministry on immediate basis. In case any of the contract for the afore-mentioned Urban Reforms is not submitted in the Ministry on or before 15th November 2017, the permission for funding through the CBUD project shall stand withdrawn and no request shall be entertained thereafter.

G. Vijay Kumar
 3/11/2017
 (G. Vijay Kumar)

Under Secretary to the Govt. of India
 Tel. No. 23063217

Email: g.vijaykumar@nic.in or g.vijaykumar.moud@gmail.com

Dr. Jitendra Kumar G. VIJAY KUMAR
 Joint Secretary, Under Secretary
 Ministry of Housing and Urban Affairs
 Nirman Bhavan, Govt. of India
 New Delhi-110002

To
 1. The Principal Secretaries (UD) of all States/UTs (As per list/concerned)





4.7 Mitigation Measures: Technical Support to Smart Cities for undertaking Urban Reforms



No.K-14012/101(6)/2015-SCM-III-V
 Government of India
 Ministry of Urban Development
 Smart Cities Division-III

Nirman Bhavan, New Delhi
 Dated: 19th April 2017

OFFICE MEMORANDUM

Subject: Technical Assistance to Smart Cities/ AMRUT cities for undertaking Urban Reforms.

The Ministry of Urban Development (MoUD) is providing technical assistance to the Smart Cities for undertaking Urban Reforms, which are envisaged in the AMRUT. The funds for these reforms are being provided by the Ministry under the Capacity Building for Urban Development (CBUD) programme. For this, the MoUD had earlier shortlisted separate panels of consulting firms along with Model Request for Proposals (RFPs) for addressing the following urban reforms in Smart Cities:

- (i) Credit Rating of Urban Local Bodies (vide OM no. K-13014/19/2015-SCM-III (V) dated 09-11-2015)
- (ii) Enhancement of Advertisement Tax (vide OM no. K-14012/101(6)/2016-SCM-III-V dated 29-7-2016)
- (iii) Reduction of NRW (vide OM no. K-14012/101(11)/2016-SCM-III-V dated 29-7-2016)
- (iv) Improvement of Property Tax (vide OM No. K-14012/101(5)/2016-SCM-III-V dated 05-08-2016)
- (v) Value Capturing Financing Tools (vide OM No. K-14012/101(46)/2015-SCM-III-V dated 30-08-2016)
- (vi) Transaction Advisory Firms for Issuing Municipal Bonds (vide OM No. K-14012/101(16)/2016-SCM-III-V dated 28-09-2016).

2. It has now been decided by the Competent Authority to widen the scope of funding of these Urban Reforms beyond Smart Cities to AMRUT cities. As such, all the States/Smart Cities/AMRUT cities are advised to immediately take up these Urban Reforms for availing funding under CBUD programme. It may be noted that only those consultancy works which are awarded on or before 31st May, 2017; and will complete all deliverables specified in RFPs on or before 31st May, 2018 shall be eligible for funding under CBUD programme.

3. Model Request for Proposals (RFPs) to procure consulting firms from the empanelled lists have also been prepared under each reform and can be downloaded from www.smartcities.gov.in or www.amrut.gov.in ->Downloads->OMs/ToRk. The RFPs, are based on the QCBS method as per the World Bank guidelines. The RFPs may be customised as per the requirements of the State/City such that all the deliverables may be completed by 31st May 2018. The States/AMRUT/Smart Cities may issue the RFPs, at the earliest, to the empanelled consulting firms for providing technical assistance. For funding through CBUD, a copy of the contract signed with consulting firm may be sent to the MoUD. The funding for the Smart Cities/AMRUT cities will be done under the Capacity Building for Urban Development (CBUD), for those consultancy services which are awarded on or before 31st May 2017.

(G. Vijay Kumar)
 Under Secretary to the Govt. of India
 Tel. No. 23063217

To





4.7 Mitigation Measures: Property Details of Moradabad Municipal Corporation Part-1

नगर निगम, मुरादाबाद के स्वामित्वाधीन भूमि अचल सम्पत्ति रजिस्टर संख्या-1 भूमि का विवरण														
माह : 31 अक्टूबर 2017 तक														
क्र. सं.	रजिस्टर संख्या	नाम ग्राम/मौजवा	क्षेत्रफल संख्या	परिचालित वर्गमीटर	विक्रय मूल्य/ हस्तांतरित वर्गमीटर	सड़क ग्राह्य कुंजी वर्गमीटर	कॉन्स्ट्रिक्शन वर्गमीटर	पट्टागत भूमि वर्गमीटर	पट्टा प्रारम्भ दि./ अंकित	शेष भूमि वर्गमीटर	सर्विलेस वेग के अनुसार 1 वर्ग की भूमि का मूल्य	घाटे की भूमि का कुल मूल्य	विवरण (स्थल की वर्तमान स्थिति) कोलम 8, 9, 11	कोलम 8, 9, 11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	1	कस्बा मुरादाबाद, जालखाम	483	280.00						280.00	13000.00	3640000.00	अस्तित्व: रास्ता	
2	2	कस्बा मुरादाबाद, कजरी रासय	19	158.00		12.59		145.61	08.01.56/90	0.00			पट्टागत भूमि, नरेन्द्र कुमार जैन	
3	3	कस्बा मुरादाबाद	149	411.00						411.00	25000.00	10275000.00	सूखान	
4	4/3	कस्बा मुरादाबाद	151	405.00		405.00				0.00				
5	5	कस्बा मुरादाबाद	178	284.50						284.50	16500.00	4694250.00	श्रीवालय	
6	5	फैजलाबाद	561	53.00						53.00	16500.00	874500.00	श्रीवालय प्रतिष्ठान श्रीवालय	
7	6	कस्बा मुरादाबाद	286	465.00		465.00				0.00				
8	8/1	बागदारी	264	324.00		324.00				0.00				
9	7	मदौरी असातवापुर	3200	1244.00						1244.00	23500.00	29234000.00	सकाई कर्मी आवास गृह, किरायेदार	
10	8	कस्बा मुरादाबाद	963	917.00						917.00	23500.00	21549500.00	सूखान	
11	9	मदौरी असातवापुर	891	759.00						759.00	22000.00	16698000.00	सकाई कर्मी आवास गृह, 422 जेब	
12	9/1	कस्बा मुरादाबाद मीठ उस्ताला	755	122.00						122.00	11000.00	1342000.00	घाटे	
13	10	मदानपुर नववहन निकट चाला	83	303.00						303.00	10000.00	3035000.00	घाटे	
14	11	कस्बा मुरादाबाद वीरसाह कजारी	1118	126.50		126.50				0.00				
15	12	कस्बा मुरादाबाद असातवापुर	62	158.00						158.00	23500.00	3713000.00	सूखान	
16	12/1	कस्बा मुरादाबाद बाग बहादुरगज	285	81.00						81.00	28000.00	2268000.00	दानाफसल	
17	13	कस्बा मुरादाबाद	141	324.00						324.00	23000.00	7492000.00	सूखान	
18	14	मदानपुर नववहनपुर कजरी रासय	6	301.00				301.00	12.11.29/90	0.00				
19	15	दील्ला बाग बगलागंवि	132	36.00		36.00				0.00				
20	15/10	मदौरी वीरसाह	17/1	759.00						759.00	23800.00	17636500.00	सूखान	
21	16	कस्बा मुरादाबाद जामा गरिब	626	36.00		36.00				0.00				
22	17	कस्बा मुरादाबाद देहरी घाट	852	81.00						81.00	22500.00	1822500.00	सूखान	
23	18	देहरी मुरादाबाद	34	39.50		39.50				0.00				
24	18/1	मदानपुर नववहनपुर असातवापुर	87	6232.00	4733.00	1499.00				0.00				
शेज-1 योग				13900.00	4733.00	2943.39	0.00	446.61		5777.05	281560.00	124434268.00		

Rashid Khan
(राशिद खाँ)
वरिष्ठ लिपिक मजदूर/सामर्थी
नगर निगम, मुरादाबाद

Raj
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कर निर्धारण अधीक्षक
सहायक प्रभार
नगर निगम, मुरादाबाद

Raj
मुख्य कर निगम
नगर निगम, मुरादाबाद

नगर निगम, मुरादाबाद के स्वामित्वाधीन भूमि अचल सम्पत्ति रजिस्टर संख्या-1 भूमि का विवरण														
माह : 31 अक्टूबर 2017 तक														
क्र. सं.	रजिस्टर संख्या	नाम ग्राम/मौजवा	क्षेत्रफल संख्या	परिचालित वर्गमीटर	विक्रय मूल्य/ हस्तांतरित वर्गमीटर	सड़क ग्राह्य कुंजी वर्गमीटर	कॉन्स्ट्रिक्शन वर्गमीटर	पट्टागत भूमि वर्गमीटर	पट्टा प्रारम्भ दि./ अंकित	शेष भूमि वर्गमीटर	सर्विलेस वेग के अनुसार 1 वर्ग की भूमि का मूल्य	घाटे की भूमि का कुल मूल्य	विवरण (स्थल की वर्तमान स्थिति) कोलम 8, 9, 11	कोलम 8, 9, 11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
25	19	मदौरी सडगर तास	247	95.00						95.00	19000.00	11020000.00	पुलगी बुकी कौमी सागर गज किरायेदार	
26	20	मदानपुर नववहनपुर-नाल मौजवा	293	95.00		95.00				0.00				
27	21	अनसोहा रोड कस्बा मुरादाबाद	32	95.00						95.00	96000.00	9625000.00	सूखान	
28	21/1	कस्बा मुरादाबाद देहरी घाट	1371	474.00		474.00				0.00				
29	22	कस्बा मुरादाबाद, दील्लापुर	199	158.00	145.81					12.19	86000.00	1036150.00	सूखान	
30	23	मुरादाबाद	30	316.00	230.76					85.24	34000.00	2898160.00	सूखान	
31	24	नवाबपुर	366	442.00						442.00	27000.00	11934000.00	श्रीवालय प्रतिष्ठान श्रीवालय	
32	25	जामा बाग	216	316.00						316.00	27000.00	8532000.00	श्रीवालय प्रतिष्ठान श्रीवालय	
33	26	कस्बा मुरादाबाद मुकरीदोला	11/30	57.00		57.00				0.00				
34	27	श्रीवालय कस्बा मुरादाबाद	166	23.00		23.00				0.00				
35	27/10	कस्बा मुरादाबाद जालखाम	464	567.00		567.00				0.00				
36	28	जामा बाग कस्बा मुरादाबाद नगर	85, 87, 88, 89, 90, 91	9551.00						9551.00	42000.00	401142000.00	जामा बाग नगर विवरण रजिस्टर कोलम 8, 9, 11	
37	29	देहरी मुरादाबाद-मुरादाबाद	91, 207, 208, 209	32012.00	9146.00					22866.00	116500.00	2612466000.00	जल टकी टपुटेल एच.टी.पी	
38	30	कस्बा मुरादाबाद मीठ बाजार		50.00		50.00				0.00				
39	31	कस्बा मुरादाबाद शीवालय		10.60						10.60	23500.00	249100.00	सूखान	
40	32	कस्बा मुरादाबाद मीठ टोला		10.00						10.00	42000.00	420000.00	सूखान	
शेज-2 योग				44271.60	9522.57	1266.00	0.00	0.00		33483.03	607500.00	3098712410.00		

Rashid Khan
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वरिष्ठ लिपिक मजदूर
नगर निगम, मुरादाबाद

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मुख्य कर निगम
नगर निगम, मुरादाबाद



ANNEXURE 4



4.7 Mitigation Measures: Property Details of Moradabad Municipal Corporation Part-2

नगर निगम, मुरादाबाद के स्वावित्वाधीन भूमि
अधत सम्पत्ति रजिस्टर संख्या-1 भूमि का विवरण

माह : 31 अक्टूबर 2017 तक

क्र. सं.	रजिस्टर क्रमांक	नाम ग्राम/मौजवा	खसरा संख्या	परिचित वर्गमीटर	विक्रय दूत/हस्तांतरित वर्गमीटर	सदक माला कुटी वर्गमीटर	नजिरान वर्गमीटर	नटदाग भूमि वर्गमीटर	माला प्रत्यक्ष दि०/ अकरी	संप भूमि वर्गमीटर	सर्वे में न अंतरण 1 सर्वे में भूमि का कुल	गाटे की भूमि का कुल मूल्य	विवरण (धरत की वर्तमान स्थिति) 8, 9, 11	कीलम
1	2	3	4	5	6	7	8	9	10	11			12	
41	33	करवा मुरादाबाद मीठ पीछे खाना	—	24.00	—	24.00	—	—	—	0.00	—	—	—	—
42	33/10	करवा मुरादाबाद लालबाग	464	1457.00	—	1457.00	—	—	—	0.00	—	—	—	
43	34	करवा मुरादाबाद मीठ नई बस्ती	—	25.50	—	25.50	—	—	—	0.00	—	—	—	
44	35	करवा मुरादाबाद मीठ मुगलपुर	—	26.00	—	26.00	—	—	—	0.00	—	—	—	
45	36	करवा मुरादाबाद मोती बाग	—	58.00	—	58.00	—	—	—	58.00	14500.00	841000.00	मृतगम	
46	37	मालपुर बागवा रस्ताम खानी मुनना सक्ती गीदाम-आमर सराव पीछा बाग मुगलपुर	96, 162, 98	1363.00	1363.00	—	—	2671.00	01.04.5999	22380.00	7000.00	15666000.00	गाय फना नटदाग अधिक प्रसाद कालज कम गे की सार, अधिकतम 1 कब्रिस्तान किन्तु, सिन्डू	
48	38	करवा मुरादाबाद मीठ ताताबाग काशी रोड़ी का खनिद	587	1578.00	—	1578.00	—	4411.00	11.04.62999	0.00	—	—	नटदाग पीछा का खसरी इन्टर कब्रिस्तान	
49	40	मुरादाबाद लालबाग	299, 289, 290, 281	4411.00	—	—	—	—	—	2426.00	23000.00	55844000.00	माला प्रत्यक्ष नट अन्वयतन	
50	41	मालपुर नटदाग मुगलपुर असावतपुर	109	2428.00	—	—	—	—	—	336.00	11000.00	3696000.00	अतिक्रम	
51	42	मालपुर नटदाग मुगलपुर	7	336.00	—	—	—	—	—	0.00	—	—	—	
52	43	बागवा रस्ताम खानी एन.ए.बी. इन्टर	38	2908.00	2908.00	—	—	—	—	0.00	—	—	—	
53	44	पीछा बाग मुरादाबाद माला काटी	171	3098.00	—	—	3098.00	—	—	0.00	—	—	कब्रिस्तान मुगलपुर	
54	45	—	—	—	—	—	—	—	—	0.00	—	—	एक गा-आ नई रोड़ के मुगलपुर	
55	46	करवा मुरादाबाद खेरिया	—	22.00	—	22.00	—	—	—	0.00	—	—	—	
56	47	करवा मुरादाबाद खेरिया	—	24.00	—	24.00	—	—	—	0.00	—	—	—	
		पेज-3 योग		42813.50	4271.00	1582.90	4575.00	7082.00		25202.00	55800.00	217041900.00		

Rashid Khan
(साहिद खां)
वरिष्ठ विधिक नजूल/सम
नगर निगम, मुरादाबाद

कर अधीक्षक
नगर निगम, मुरादाबाद

GSM
कर निर्धारण अधिकारी
सम्पत्ति प्रभाग
नगर निगम, मुरादाबाद

पुण्यकार निर्धारण अधिकारी
नगर निगम, मुरादाबाद

नगर निगम, मुरादाबाद के स्वावित्वाधीन भूमि
अधत सम्पत्ति रजिस्टर संख्या-1 भूमि का विवरण

माह : 31 अक्टूबर 2017 तक

क्र. सं.	रजिस्टर क्रमांक	नाम ग्राम/मौजवा	खसरा संख्या	परिचित वर्गमीटर	विक्रय दूत/हस्तांतरित वर्गमीटर	सदक माला कुटी वर्गमीटर	नजिरान वर्गमीटर	नटदाग भूमि वर्गमीटर	माला प्रत्यक्ष दि०/ अकरी	संप भूमि वर्गमीटर	सर्वे में न अंतरण 1 सर्वे में भूमि का कुल	गाटे की भूमि का कुल मूल्य	विवरण (धरत की वर्तमान स्थिति) 8, 9, 11	कीलम
1	2	3	4	5	6	7	8	9	10	11			12	
57	48	करवा मुरादाबाद मण्डी बौरा	—	24.50	—	24.50	—	—	—	0.00	—	—	—	
58	49	करवा मुरादाबाद पाटली	—	59.00	—	59.00	—	—	—	0.00	—	—	—	
59	50	करवा मुरादाबाद असावतपुर	—	16.00	—	16.00	—	—	—	0.00	—	—	—	
60	51	करवा मुरादाबाद कटरा नरसाराज	—	132.00	—	132.00	—	—	—	0.00	—	—	—	
61	52	करवा मुरादाबाद मीठ खेरिया	—	24.50	—	24.50	—	—	—	0.00	—	—	—	
62	53	करवा मुरादाबाद लालबाग	—	18.00	—	18.00	—	—	—	18.00	42000.00	756000.00	नटिका टोक	
63	53/1	करवा मुरादाबाद मीठ खेरिया	—	88.00	—	88.00	—	—	—	0.00	—	—	—	
64	54	करवा मुरादाबाद नरसाराज	—	192.00	—	192.00	—	—	—	0.00	—	—	—	
65	55	—	—	1180.00	—	—	—	—	—	1180.00	42500.00	50150000.00	गाईने नटल बागवा	
66	56	करवा मुरादाबाद फैजवा	—	193.00	—	193.00	—	—	—	193.00	14500.00	2798500.00	नटिका टोक तथा अधिकतम	
67	57	मटौरी	—	17.00	—	17.00	—	—	—	0.00	—	—	—	
68	58	करवा मुरादाबाद कटरा नरसाराज	—	61.00	—	61.00	—	—	—	0.00	—	—	—	
69	59	करवा मुरादाबाद चौकी हसन खां	—	37.00	—	37.00	—	—	—	37.00	14000.00	518000.00	नटिका टोक	
70	60	करवा मुरादाबाद पीलखाना	—	33.00	12.00	21.00	—	—	—	0.00	—	—	—	
		पेज-4 योग		2075.00	12.00	635.00	0.00	0.00		1428.00	113600.00	54222590.00		

Rashid Khan
(साहिद खां)
वरिष्ठ विधिक नजूल/सम
नगर निगम, मुरादाबाद

कर अधीक्षक
नगर निगम, मुरादाबाद

GSM
कर निर्धारण अधिकारी
सम्पत्ति प्रभाग
नगर निगम, मुरादाबाद

पुण्यकार निर्धारण अधिकारी
नगर निगम, मुरादाबाद



ANNEXURE 4



4.7 Mitigation Measures: Property Details of Moradabad Municipal Corporation Part -3

नगर निगम, मुरादाबाद के स्वामित्वाधीन भूमि अवलोकन सॉफ्टवेयर संख्या-1 भूमि का विवरण

मार्च : 31 अक्टूबर 2017 तक

क्र.सं.	रजिस्ट्रार क्रमांक	नाम ग्राम/ गौडस्ता	खसरा संख्या	परिचालित वर्गमीटर	विकास कृत/ हस्तांतरित वर्गमीटर	सड़क मोटाई वर्गमीटर	कठिनायन वर्गमीटर	पट्टागत भूमि वर्गमीटर	पट्टा प्रारम्भ भूमि/ कच्ची	रकबा भूमि वर्गमीटर	अंशित रकबा के अनुसार 1 वर्ग मीटर भूमि का मूल्य	गाटे की भूमि का मूल्य	विवरण (खाल की वर्तमान स्थिति) कॉलम 8, 9, 11
1	2	3	4	5	6	7	8	9	10	11			12
87	77	मुरादाबाद जालबाग	-	26.00		26.00				0.00			
88	78	भदौरा- बान कटपूर	326, 327	18778.00	1505.00					17275.00	30000.00	51815000.00	अन्य कठोर जमीनीय संरचना, टुकड़ा निर्माण कार्य 2317.50 वर्ग मीटर का 3607.50 वर्ग मीटर
89	79	भदौरा जवाहरपुर	29	308.50						308.50	23500.00	7249756.00	कृषि/ कृषि/ कृषि
90	80		32	49.00						49.00	23500.00	940000.00	सर्वांगी कमी आवास
91	81	दीलत बाग मुस्तहकम	58	1862.00						1862.00	14000.00	26068000.00	सर्वांगी संदाय
92	82	कस्बा मुरादाबाद	32	48.00		48.00				0.00			
93	83	भदौरा-अचलतपुर 1	32	308.50						308.50	23500.00	7249750.00	सर्वांगी कमी आवास।
94	84	मानपुरा नरवन्पुर	55, 56	1133.00	1133.00					0.00			भूमिगत निगम
95	85, 86	दीलत बाग- मुस्तहकम	76, 78, 90, 102, 77, 79, 75, 80, 81, 82, 83, 84, 85, 86, 88, 90, 91	23513.00						23513.00	13000.00	305665000.00	वाटरबल, गैसी, जलिकरण। 23028
98	86/1	दीलत बाग- मुस्तहकम	10190, 102	1093.00						1093.00	13000.00	14209000.00	वाणिज्यिक असादी, जलिकरण।
97	87	कस्बा मुरादाबाद		293.00						293.00	35000.00	10266900.00	
98	87/2	देहरी मुस्तहकम-मुलाकवाडी	264, 265, 266	19345.00	19454.00					8891.00	116000.00	1031359000.00	सर्वांगी संदाय, जलिकरण।
99	88/1	दीलत बाग-गला काटी	181	1578.00			1578.00			0.00			
100	88/2	दिलतौर	11							0.00			कठिनायन भूमिगत
101	89	कस्बा मुरादाबाद								0.00			
102	90	गाम जवाकडी फाजलपुर	979/3, 4, 5, 6	41563.00	41563.00					0.00			असुर
103	91	कस्बा मुरादाबाद उरजुल	1070	79.50	79.50					0.00			
पेज-6 योग				109968.50	54734.50	74.00	1578.00	0.00		53582.00	291500.00	1921181500.00	

(Signature)
 सचिव सिविल नज्द
 नगर निगम, मुरादाबाद

(Signature)
 कर अधीक्षक
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(Signature)
 कर निर्धारण अधिकारी
 संपत्ति प्रभागी
 नगर निगम मुरादाबाद

(Signature)
 मुख्य कर निदेशक
 नगर निगम, मुरादाबाद

नगर निगम, मुरादाबाद के स्वामित्वाधीन भूमि अवलोकन सॉफ्टवेयर संख्या-1 भूमि का विवरण

मार्च : 31 अक्टूबर 2017 तक

क्र.सं.	रजिस्ट्रार क्रमांक	नाम ग्राम/ गौडस्ता	खसरा संख्या	परिचालित वर्गमीटर	विकास कृत/ हस्तांतरित वर्गमीटर	सड़क मोटाई वर्गमीटर	कठिनायन वर्गमीटर	पट्टागत भूमि वर्गमीटर	पट्टा प्रारम्भ भूमि/ कच्ची	रकबा भूमि वर्गमीटर	अंशित रकबा के अनुसार 1 वर्ग मीटर भूमि का मूल्य	गाटे की भूमि का मूल्य	विवरण (खाल की वर्तमान स्थिति) कॉलम 8, 9, 11
1	2	3	4	5	6	7	8	9	10	11			12
71	81	सहायक गोविन्द गौडस्ता इजारी इन्टर भूमि।	4	20275.90				11776.00	(1) 04.02.2019 (2) 01.02.2020	8499.50	24000.00	203988000.00	पट्टागत भूमि की रकबा अंशित, निगम वाकट अतिक्रमण। पट्टागत में कस्बा मुरादाबाद के 1117 की 181 वर्गमीटर भूमि भी शामिल है।
72	82	कस्बा मुरादाबाद कानून गोमान	679, 621	4050.00		4050.00				0.00			
73	83	दीलत बाग	157	398.00		398.00				0.00			
74	84	कस्बा मुरादाबाद जालबाग	478, 479	3238.00			3238.00			0.00			कठिनायन भूमिगत
75	85		480	3359.00						3359.00	7000.00	23513000.00	वहन पंजीयन-अतिक्रमण।
76	86	दीलत बाग मुस्तहकम	98, 99	13568.00				4006.00	01.04.1999	9592.00	7000.00	67144000.00	वाटरबल, पट्टागत अतिक्रमण प्रसार कोलेज (एम 4) के साथ है अतिक्रमण।
77	87	कस्बा मुरादाबाद मीठ नवापुरा	-	72.50						72.50	27000.00	1957600.00	
78	88	मानपुरा किलो-करो गाटे के दक्षिण	1094, 1096	2711.50			2711.50			0.00			कठिनायन भूमिगत
79	89	कस्बा मुरादाबाद कानून संजय	-	48.00		48.00				0.00			
80	90	मानपुरा नरवन्पुर	-	248.00		248.00				0.00			
81	91	कस्बा मुरादाबाद मीठ नवापुरा	-	76.00						76.00	27000.00	2052000.00	स्टैंडिंग टैक
82	92	कस्बा मुरादाबाद मलमसौद	-	45.00						45.00	46000.00	2079000.00	स्टैंडिंग टैक बाइक में
83	93	भदौरा कटर शहीद	270	76.00						76.00	46000.00	3490900.00	स्टैंडिंग टैक
84	94		821	33.00		33.00				0.00			
85	95	कस्बा मुरादाबाद बाग बहादुरगल	285	79.00		79.00				0.00			
86	96	कस्बा मुरादाबाद कानून गोमान	601म	4050.00		4050.00				0.00			
पेज-5 योग				52357.50	0.00	8906.00	5949.50	15762.00		21720.00	184909.00	304229900.00	

(Signature)
 सचिव सिविल नज्द
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 नगर निगम, मुरादाबाद





4.7 Mitigation Measures: Property Details of Moradabad Municipal Corporation Part -4

नगर निगम, मुरादाबाद के स्वागिचयासीन भूमि अचल सम्पत्ति रजिस्टर संख्या-1 भूमि का विवरण														
मार्ग - 31 अक्टूबर 2017 तक														
क्र. सं.	रजिस्टर क्रमांक	नाम ग्राम/मौजवा	क्षेत्रफल वर्गफुट	परिचित वर्गमीटर	विक्रय रु०/हस्ताक्षरित	संबंध माला रु०/वर्गमीटर	कठिनाता वर्गमीटर	घट्टामात भूमि वर्गमीटर	घट्टा प्रारंभ दि०/अवधि	शेष भूमि वर्गमीटर	संश्लेषित व अंशुल व कर की भूमि का मूल्य	गांठी की भूमि का कुल मूल्य	निकटस्थ (सबल की वर्तमान स्थिति) 6, 9, 11	संश्लेषण
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
104	92	शुक्लपुर नगल खेम- रातागा नदी पार समीप रोड।	462, 470 से 479, 481 से 490											
		मुरतफा बाद,	88, 191 से 193											
		सबनगर मखरा एहासवाती	1, 3											
		संश्लेषित भूमि समस्त	38/6	11658.00						11658.00	2500.00	292385000.00	मुक्ति खारड नगर निगम क्षेत्र के बाहर	
105	93	खेसा मुरादाबाद कटघर	1031.00	2940.00						2940.00	22900.00	64619000.00	बाहर	
106	45/36	शमली-बगनागाँव	371.00	322.42						322.42	10090.00	3224200.00	नगर निगम जागतिक बाजार	
107	45/37	छावनी निकट गांधी फार्म	438	1943.04						1943.04	23090.00	44680930.00	अवधि तक निगम	
108	78/290	कल्या मुरादाबाद दासनहाल	55	2516.09						1616.09	116000.00	187466440.00	नगर निगम व सरोवरी की तुलना, बाहर बाहरी	
										1900.00	40000.00	40000000.00		
109	45/5	मिनपुर नारायणपुर बटोरम रोड	61	405.25						405.25	158000.00	64028500.00	नगर निगम दुकानें	
110	86/6		64	506.72						506.72	158000.00	89541760.00	नगर निगम दुकानें	
111	86/7		65	177.77						177.77	158000.00	28087660.00	नगर निगम दुकानें-बहुल	
112	86/8		66	228.75						228.75	158000.00	26142500.00	नगर निगम दुकानें	
113	90/1	प्रकाशसिद्धि रोड	28	101.00						101.00	80000.00	8080000.00	नगर निगम जागतिक बाजार	
114	90/2	मखोला	592 मि०, 512 मि०	902.50					902.50	15,05,8590	0.00	0.00	घट्टामात अल्पकाल किरायेदार बांध बंधे	
115	92	साम मारीदपुर हमीर	82 मि०	960.00		960				0.00		0.00	अधुनिक पशुव्यवसाय के काम लीमरी के समान हेतु भूमि का की रही।	
116	92	साम मारीदपुर हमीर	84 व 85	1062.00		1062				0.00		0.00	अधुनिक पशुव्यवसाय के काम लीमरी के समान हेतु भूमि का की रही।	
		मंज-7 घोष		128183.54	6.00	2022.90	0.00	902.50		126259.04	925500.00	858336880.00		
		कुलयोग		394969.64	73273.07	17428.89	12203.50	24213.11		267451.07	2458500.00	4678164140.00		

Rohit Sharma
नगर निगम, मुरादाबाद
कार्य निदेशक

[Signature]
नगर निगम, मुरादाबाद
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नगर निगम, मुरादाबाद
कार्य निदेशक

1. The main purpose of showing the details of properties under Moradabad Municipal Corporation is to support Smart City proposal as a fall-back plan in case of any financial risk.
2. The MMC has land worth Rs. 657 Cr which can be monetized to generate revenue in case of any financial risk to the project.



