

	Smart city Feature	Definition	Scenario 1(BASE)	Scenario 2	Scenario 3	Scenario 4(ADVANCED)	Self-assessment of the city (for Pan City Solution) with regard to the each feature	Basis for assessment and/or quantitative indicator (optional –only if data)	Projection of ‘where the city wants to be’ with regard to the feature/indicator	Input/Initiative that would move the city from its current status to Advanced status
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1.	Citizen participation	A smart city constantly shapes and changes course of its strategies incorporating views of its citizen to bring maximum benefit for all (Guidelines 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 finding are compiled and incorporated in project and programs.	City constantly conducts citizen engagement with people at each Ward level to incorporate their views, and these shapes priorities and development project in the city. Multiple means of communication and getting feedback such, both face to face and online are utilized. The effectiveness of city governance and service delivery is constantly enhanced on the basis of feedback from citizens.	Scenario 3	<ol style="list-style-type: none"> 1.City has been undertaking wide ranging consultation since 2007 with various stakeholders to identify and prioritise the issues. 2.Launched MYRMC Mobile App to interact with citizens 3.Number of citizens engaged online through Facebook, talk shows, e-newsletter →25,000 4.Dedicated Call centre, Email and SMS facility to address and update citizen grievances 5.Conducted close to 50 meetings while preparing Master Plan 6.Engaged with multiple NGOs –Manthan, Seva, ITDP, Maitri, Jagori, Mahila Housing Seva Trust, National Hawker Federation, Ekjut, Ace, Safetypin to engage with citizens 	<p>City wants to engage 100% of its citizens for participatory Governance – through online mode and face-to-face interactions</p> <p>KPI targeted:</p> <ul style="list-style-type: none"> • 80% Mobile users • 2 meetings per ward per month 	<ol style="list-style-type: none"> 1. Develop integrated mobile application “ApniRanchi” that would facilitate: <ol style="list-style-type: none"> a. Provision of all the services of RMC on single platform b. Provide social networking platform to encourage G2C, C2C and G2G communication 2. Institutionalize Ward Sabhas and Area Sabhas to provide citizen engagement platform for cross section of society
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 on	There are few architectural, monuments, symbols and festivals that emphasise the unique character of the city. Built, natural and cultural heritage is not preserved and utilized or enhanced through physical, management and	Historic and cultural resources are preserved and utilized to some extent but limited resources exist to manage and maintain the immediate surroundings of the heritage monuments. New buildings and areas are create without much	Historic and cultural resources are preserved and utilized and their surroundings are well maintained. Public spaces, public buildings and amenities reflect the cultural identity of the city-	Built, natural and intangible heritage are preserved and utilized as anchors of the city. Historical and cultural resources are enhanced through various mediums of expression. Public spaces, open spaces, amenities and public buildings reflect local identity and are widely used by the	Scenario 2	<ul style="list-style-type: none"> ► Ranchi is beautifully surrounded by hills and waterfalls and is called as city of waterfalls and lakes. ► Installed India’s tallest flag ht – 493 Ft ► ~15 fairs are yearly organized focussing on themes such as Pustak mela, Saras mela and International Trade fair to name a few ► Renovation & redevelopment of 	<p>The city wants to preserve, protect, utilize & enhance its built, natural, historical and cultural resources.</p> <p>Identity & culture of the city to get reflected from its public buildings</p>	<ul style="list-style-type: none"> ► 12 Km Subarnarekha Riverfront development – ~INR 125 Crore ► 10.4 km Harmu Riverfront development – ~ INR 86 Crores ► Beautification of Kanke Dam comprising of Urban haat – INR 5.60 Crores. ► Biggest lake of Ranchi – Bada Talab, is being redeveloped on PPP mode at a cost of ~INR 55 crores ► Birsa jail is being redeveloped as Birsa Smriti Park

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		easy answer to the question ‘why in this city and not somewhere else? A smart city celebrates and promotes its unique identity and culture (Guidelines 3.1.7)	policy structures.	thought to how they reflect the identity and culture of the city.		public through festivals, events and activities.		Audrey house into a museum to showcase tribal culture ► Other structures preserved: Imam Kothi, Pahadi mandir, Tagore Hill, Rock garden, Nakshatra Van, Jagannathpur Temple and Sidhu Kanhu park ► Special arrangements made by Government to preserve natural surroundings to celebrate unique ‘Sarhul’ festival to worship Mother Nature.		► Intra State and Inter State tourism Circuits identified in and around the city, to be developed in Master Plan period ► Integrated Mobile App - “ApniRanchi” to highlight areas of heritage and culture of the city
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.(Guidelines 2.6&3.1.7 &6.2)	There are some job opportunities in the city but they do not reach all sections of the population. There are a high number of jobs in the informal sector without sufficient facilities.	There is a range of job opportunities in the city for many sections of the population. The city attempts to integrate informal economic activities with formal parts of the city and economy.	There are adequate job opportunities for all sections of the society. But skill availability among residents can sometimes be a challenge.	There are adequate opportunities for jobs for all sections of income groups and skill levels. Job - oriented skill training supported by the city and by industry. Economic activities are suited to and build on locational and other advantages of the city.	Scenario 1	Ranchi city is the administrative capital of Jharkhand which makes it an important place for service industry. Economy of the town is mainly due to its administrative nature.	► City intends to leverage on its inherent strength in terms of its industrial nature and pre-college level education based ecosystem. ► City intends to emerge as Knowledge hub for Eastern India and create 15,000 seats in knowledge based institutions in next 5-10 years. ► Provide approx. 2 lakh job opportunities in the city in next 5 -10 years	► Ranked 1st in Labour reforms and inspection related compliances in India ► Ranked 3rd in “Ease of Doing Business” in India. ► Single window clearance implemented to facilitate economic growth ► Construction of Cargo terminal at airport is ongoing ► Mega Food Park spread in 58 acres has been inaugurated. MOUs have been signed with 7 industries ► Development of IT park in 200 acres in core capital area ► Development of 341 acres Knowledge Smart City (KSC) as ABD in SCP, to give a boost to knowledge based economy.
4.	Education	A smart city offers schooling and educational opportunities for	The city provides very limited educational facilities for its	City provides adequate primary education facilities within	City provides adequate primary and secondary education	City provides adequate and high-quality education facilities within easily	Scenario 3	► Adequate school infrastructure is available in the city. Prominent schools in the city are	Leveraging on its existing ecosystem of education industry, Ranchi intends to	► LOIs are given by Department of Higher & Technical Education to 6 prominent institutions such as AMITY,

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		all children in the city(Guidelines 2.5.10)	residents. There are some schools but very limited compared to demand. Many schools are in poor condition.	easily reachable distance of 15 minutes walking for most residential areas of the city. The city provides some secondary education facilities	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.	reachable distance of 10 minutes walking for all the residential areas of the city and provides multiple options of connecting with specialised teaching and multimedia enabled education. Education facilities are regularly assessed through database of schools including number of students, attendance, teacher-student ratio, facilities available and other factors.		<p>Loreto Convent (headquartered in Ranchi), DPS, DAV Group, St Xaviers, Taurian World school, JK Sapphire and Sharda Global School providing international level education</p> <ul style="list-style-type: none"> ▶ 11 institutions offering AICTE accredited programs in the field of engineering/ technology, management, pharmacy, hotel management, architecture and have cumulative intake capacity of 3900 students per year ▶ Presence of renowned educational institutions such as BITS, IIM, XISS, ICFAI, National university of Study and Research in Law and Agriculture university like Birsa Agriculture University, RIMS, IICM in Ranchi 	develop its higher education facilities and become the education node for the Eastern India	<p>Pragyan foundation (Maytas), AISECT, and Karunya for setting up their universities in the city.</p> <ul style="list-style-type: none"> ▶ Software being developed for maintaining student database “Student Lifecycle Management (SLM)” ▶ Construction of IIIT is in progress ▶ Development of 341 acres as Smart Knowledge City, where 23% of land is earmarked for knowledge based institutions
5.	Health	A smart city provides access to healthcare for all citizens (Guidelines 2.5..10)	Healthcare is difficult for citizens to access -- demand for health care often exceeds hospitals ability to meet citizen needs	The city provides some access to health care for its residents but healthcare facilities are overburdened and far from many residents. Access to preventive health is only easily Available for some residents.	City provides adequate health facilities within easily reachable distance for all the residential areas and job centres 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	Scenario 2	<ul style="list-style-type: none"> ▶ Presently, 4.2 beds per 1000 population is available which is close to the desired standards of 5 beds per 1000 population for urban areas. However for Super-speciality treatments citizens need to go to Kolkata or Delhi 	<ul style="list-style-type: none"> ▶ City provides easily accessible adequate health facilities to all its residents ▶ It has an emergency response system that connects with ambulance services 	<ul style="list-style-type: none"> ▶ 500 bed Sadar hospital has been constructed in Ranchi at cost of approx. INR 200 crores. Same shall be operational by 15-April 2016 ▶ 25 acres have been reserved in Knowledge Smart City (KSC) for developing Medical college and hospital ▶ ‘108’ ambulance services to be rolled out in the city in next three months (by July 2016) ▶ ‘104’ telemedicine helpline number launched recently

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						maximum convenience. The city is able to foresee likely potential diseases and develop response systems and preventive care.				<ul style="list-style-type: none"> ▶ Construction of super speciality Apollo Hospital is in 2.83 acres on PPP basis, where land is provided by RMC ▶ Policy drafted for establishment of super-speciality hospitals, medical and nursing colleges and paramedical institutes
6.	Mixed Land Use	A Smart City has different kinds of land uses in the same places; such as offices, housing, and shops, clustered together	The city has mostly separated uses and areas are focused either on residential, commercial, or industrial, with little co-existence of uses. The average resident cannot walk to the closet 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 neighbourhoods and vice versa.	In some part of the city, there is a mixture of land uses that would allow someone to live, work and shop in close proximity. However, in most areas, there are only small retail stores with basic supplies near housing. Most residents must drive or use public transportation to access a shop for food and basic daily needs. Land use rules support segregating housing, retail, and office uses, but exceptions are made when requested.	Most part of the city has housing, retail, and office buildings in close proximity. Some neighbourhood has light industrial uses within them. (e.g., auto repair, craft production). Land use rules allow for mixed uses.	Every part of the city has a mix of uses. Everyone lives within a 15 minute trip of office buildings, markets and shops, and even some industrial use. Land use rules require or encourage developers to incorporate a mixture of uses in their projects.	Scenario 2	<ol style="list-style-type: none"> 1. City is developed on Master Plan of 1987 and has fragmented into dedicated zones that discourage mixed land use development. Most of the trips are made towards central part of the city making it congested and leading to the traffic issues 2. For almost everyone, going to work or shopping for basic needs requires a journey by automobile or bus of more than 15 minutes 	<ul style="list-style-type: none"> ▶ Mix-Use principle and TOD concept to be used for city development ▶ 100% of residences having daily needs of retail, parks, primary schools and recreational areas accessible within 400 m and 15min. walking distance. ▶ All activities will be accessible within 10 minute walk distance 	<ul style="list-style-type: none"> ▶ Approved Master Plan 2037 promotes Mix land use development, walkability, affordable housing and development of open spaces ▶ Zonal development plans to be developed on TOD concept ▶ Draft Building Bye laws proposed encourages Mix land use and TOD concept for city development ▶ Knowledge Smart city is being developed on Mix-land use and TOD concepts. This shall act as a light house for similar kind of developments in the city
7.	Compact	A Smart City	The city is	The city has one	The city is highly	The city is highly	Scenario 2	▶ Nearly 91% of the trips	▶ Undeveloped /	▶ New Building Bye laws 2016

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		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 neighbourhoods	expanding rapidly as its periphery into underdeveloped 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 building 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	or two high density areas – such as the city centre, 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 centre 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 favour 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 centre. New formal developments at the periphery tend to be large-scale residential	compact and dense, making the most of land within the city. Buildings are clustered together, forming walkable and inviting activity centres and neighbourhoods. Regulations encourage or incentivize re-development of under-utilized land parcels in the city centre. 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.	compact and dense, making the most of land within the city. Buildings are clustered together, forming walkable and inviting activity centres and neighbourhoods. Regulations encourage or incentivize re-development of under-utilized land parcels in the city centre. 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.		made in the city are within 5 kms and 8.5% of the trips are in the range of 5 to 10 kms, indicating a compact city. <ul style="list-style-type: none"> ▶ Average trip length in the city is 6.23 km (with walk) and 7.91 km (without walk) ▶ Ranchi has grown at a rate of 27% over last decade and has high density – 210 pph, ▶ CNT act limits the availability of contiguous land parcels. Thus the city has some pockets of under-utilized land in the centre ▶ New formal developments at the periphery tend to be large-scale residential developments, often enclosed with a gate and oriented to the automobile. 	under-developed areas to be developed on Mixed land use and TOD concept <ul style="list-style-type: none"> ▶ Office Buildings, residential and commercial centres to be connected through public transport and walking. 	encourages Mix land use and TOD concept for city development <ul style="list-style-type: none"> ▶ Zonal development plans to be developed on TOD concept ▶ Stations planned at 400m interval for the proposed monorail corridor, promoting public transport accessibility within 10 min walking range ▶ Upcoming 341 acres Knowledge Smart city is developed on TOD and mix land use concept. This shall be a model for future developments in the city

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			with a gate and oriented to the automobile.	developments, often enclosed with a gate and oriented to the automobile.						
8.	Public 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	The city has a 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 neighbourhoods, But are not available in all the areas of the city or are located far away from residential areas. Many of the open spaces have access restrictions, or are not well maintained. A variety of types of public open spaces may be lacking, such as natural areas, green areas, parks, plazas or recreation areas.	Most areas of the city have some sort of public open space. There is some variety in the types of public spaces in the city. However, public spaces are sometimes not within easy reach or access of more vulnerable populations and are more restricted in proper neighbourhood	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, park 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	<ul style="list-style-type: none"> ▶ 289.27 ha (~2.45 % of the total developed area) of land in Ranchi is reserved for recreational facilities. Total area of parks is 31.20 Ha. ▶ 43% of the parks are not maintained ▶ Ranchi city has many organized areas dedicated for the purposes to provide recreational facilities to its inhabitants. But are not available in all areas of the cities. Most of these parks lacks maintenance. 	<ul style="list-style-type: none"> ▶ Increase open spaces in the city and make them accessible within 10 min walking distance for every residential area and work place ▶ Easy access to open space within 10min walking distance from every residential and work space 	<ul style="list-style-type: none"> ▶ Ranchi Master plan 2037 allocates 6.63% area (1039.0 Ha) for Recreational facilities. ▶ Beautification of Kanke Dam comprising of Urban haat – INR 5.60 Crores. ▶ 12 km Subarnarekha Riverfront development – ~NR 125 Crore ▶ 10.4 km Harmu Riverfront development – ~ INR 86 Crores. O&M proposed through PPP (Proposed completion by 2018) ▶ Ranchi Lake (one of the biggest lake in Ranchi) is also being redeveloped on PPP mode at a cost of INR 55 crores (Planned to be operational by 2017) ▶ Theme based development of Birsa Jail into Birsa Smriti ▶ 15%-20% of new developments to be reserved for open spaces. ▶ Knowledge Smart city proposes development of 50 acres of Riverfront development of Nati river and an eco park in 7.2 acres
9.	Housing & inclusiveness	A Smart City has sufficient housing for all income groups and promotes integration among social groups	Housing is very limited and highly segregated across income levels. Population growth far exceeds the creation of new housing. The poor	Housing is available at most income levels but is highly segregated across income levels. Population growth slightly exceeds the creation of new	Housing is available at all levels, but is segregated across income levels. The growth of supply of housing almost meets the rate of population growth.	A wide range of housing is available at all cost levels. The supply of housing is growing at pace with populations. Affordable, moderate, and luxury housing are	Scenario 2	<ul style="list-style-type: none"> ▶ Ranchi has nearly equivalent distribution of the houses under different income groups: EWS – 32.51%; LIG – 18.36%; MIG – 27.17% and HIG -21.96% 	<ul style="list-style-type: none"> ▶ Increased focus on affordable housing and LIG and MIG categories ▶ Overall improvement in residential 	<ul style="list-style-type: none"> ▶ Master Plan 2037 propose increased participation from Private sector for construction and post occupancy management of houses ▶ Final Building bye laws 2016 suggest 15% of EWS/ LIG

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			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. The wealthy and the middle class have housing that meets their needs at costs appropriate to their income. The poor lives in informal settlements.	Increasingly, lower and middle income people can find housing in areas that are conveniently located.	found clustered together in many areas of city		<ul style="list-style-type: none"> ▶ There are 95 slum pockets in the city, housing nearly 7.72% of population of the city ▶ Under BSUP scheme INR 108.64 Crores have been received for revival of 60 slum pockets (i.e. 8928 house). Over the last three years 2588 houses have been constructed 	environment <ul style="list-style-type: none"> ▶ “City Without Slums” proposed in Master Plan 2037 	housing in all residential developments <ul style="list-style-type: none"> ▶ Affordable housing Policy 2016 is framed and will be implemented by Q3 2016 ▶ Under RAY scheme 1565 DUs are sanctioned in 5 slums. ▶ 4700 DUs have been sanctioned under PMAY ▶ Knowledge Smart city proposes 10 acres for affordable housing (nearly 1600 EWS units and 900 LIG units)
10	Transport	A Smart City does not require 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	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 different. 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 expensive or unaffordable for the poor. Pedestrian infrastructure is only available in select areas. The majority of investments focus on reducing traffic congestion through the creation of more roads.	Network of streets are fairly complete. Public transport covers most areas of the city. However last mile connectivity remains incomplete and affects transport options. Footpaths are accessible in most areas, whereas concerns of safe crossing and security throughout the day remain. Parking zones are demarcated but absence of pricing increases over utilization of parking lots. Also available underground parking systems are not fully utilized due to lack of proper enforcement.	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 multimodal integration at all mass transit stations and organized-priced on street and off street parking. Walking and cycling prevalent.	Scenario 2	<ul style="list-style-type: none"> ▶ Only 1% of footpaths a=in the city are in usable condition ▶ 65 buses for two routes operate in the city. ▶ 2335 autos operate in the city ▶ 136 e-Rickshaw drivers operate in the city on 10 routes ▶ 155 km of roads have been strengthened and widened in last three years 	<ul style="list-style-type: none"> ▶ Public transport accessibility: 75% of residents within a 5 min walk of formal public transport ▶ Improving modal share of public transport from existing 28% to 50% ▶ 60% of the population to be within 500m of transit line ▶ Improve bus service frequency by increasing bus supply to 0.5/1000 population ▶ Integration of PT ticketing system ▶ Strengthening of IPT mode through an Aggregator 	<ul style="list-style-type: none"> ▶ Street section improvement - Augmentation of road network across the city is proposed. DPR is submitted for 31.5 km roads for development in Phase-I ▶ 2 monorail corridors are proposed with stations at 400 m interval ▶ Provision for BRT corridor is suggested in Inner Ring road ▶ Smart Parking policy implemented on pilot basis in high density traffic zone ▶ Proposed 207 bus stops to be integrated with ICT technology and ‘ApniRanchi’ Mobile app ▶ 85 km ORR is proposed, of which 36 km is constructed ▶ 375 additional mini-buses planned to be operated in the city ▶ Centralised integrated Command & control centre ▶ Harmu River front development traversing through dense pockets of the

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										city is proposed to be developed as Greenways
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 re 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.	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 crossing are rare. New buildings have their main entrance 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 city see a mix of pedestrians, cycling, and vehicle but newer areas are focused mainly on the automobile. In the new areas, there are few pavements and main entrances to new buildings are not accessible from the front of 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 2	<ul style="list-style-type: none"> ▶ Share of walk trip – 23% ▶ Average walk trip length- 0.44 km ▶ Roads with usable footpaths – 3% ▶ Streetlight availability- ~74% of road network ▶ Traffic awareness week is organized every year to create traffic awareness in the city ▶ 155 km of roads have been augmented & strengthened 	<ul style="list-style-type: none"> ▶ Promote Walk-to-work concept ▶ Street section improvement to provision space for NMT trips ▶ 100% of roads to be augmented/ redesigned to provision for NMT trips 	<ul style="list-style-type: none"> ▶ Street section improvisation to provide space for pedestrians. DPR submitted for 31.5 km roads in first phase ▶ TOD concept to be followed for Zonal Development plans and Final Building Bye laws 2016 ▶ Stations planned at 400m interval for the proposed Monorail corridor, promoting public transport accessibility within 10 min walking range ▶ Upcoming 341 acres Knowledge Smart city is developed on TOD and mix land use concept. This shall be a model for future developments in the city ▶ 10.4 km Harmu River front development traversing through dense pockets of the city, to be developed as Greenways
12	IT connectivity	A Smart City has a robust internet network allowing high-speed connections to all offices and dwellings as desired	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 Wi-Fi services to provide opportunities for all the citizens to connect with high speed internet across the city.	Scenario 2	<ul style="list-style-type: none"> ▶ Telecommunication density of the Ranchi circle is 3.5 per 100 persons against the national average of 10 per 100 persons, which is quite low and need to be improved ▶ Land and building assets of RMC are made available under ‘New Mobile Tower policy’ to telecom companies for setting up mobile towers 	<ul style="list-style-type: none"> ▶ Improve mobile network connectivity by setting up support infrastructure ▶ Provision for secured free WIFI coverage at key city locations like bus shelters, tourist locations, public offices etc 	<ul style="list-style-type: none"> ▶ As per New Wi-Fi policy, street light poles are allocated to telecom companies for setting up wi-fi units. This shall provide first 20 mins of free wi-fi to citizens. All Govt offices shall be provided with unlimited access to free wi-fi ▶ Optic Fibre Network (OFN) of ~15Km is planned under Pan city Solution - RITTS ▶ Ranchi to leverage GOI’s Digital India project to

	Smart city Feature	Definition	Scenario 1(BASE)	Scenario 2	Scenario 3	Scenario 4(ADVANCED)	Self-assessment of the city (for Pan City Solution) with regard to the each feature	Basis for assessment and/or quantitative indicator (optional –only if data)	Projection of ‘where the city wants to be’ with regard to the feature/indicator	Input/Initiative that would move the city from its current status to Advanced status
A	B	C	D	E	F	G	H	I	J	K
								<ul style="list-style-type: none"> ▶ 250 mobile towers have been established. 40 High mast poles have been given for use as mobile towers under PPP mode 		provide IT connectivity in major transit corridors
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	Essential government services are not linked with online platforms. Paper intensive interactions with the local Government continues. Receiving services and response to citizen complaints take 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 system and process to better coordinate between various Government agencies are being developed.	All major services are provided through online and offline platforms. Citizens and officials can access information on accounting and monitor status of projects and programs through data available on online system. Robust data infrastructure system shares information and enhances internal governmental coordination.	Scenario 3	<ul style="list-style-type: none"> ▶ Provision of online citizen services such as tax assessments & pending dues w.r.t. Property, Water, and for trade licenses. ▶ Biometric attendance system-‘eKaramchari’ is used in RMC since 2012-13. This won accolade for best e-Governance practice under JnNURM in 2012-13 ▶ Online complaint registration through Jharkhandsmadhan.nic.in’ website ▶ MYRMC App, that enables citizens to geotag their complaints and track its resolution ▶ Toll free number for grievance redressal 	Scenario 4 The city wants that most of the services are available through online and offline platform. Citizens and officials can access information on accounting and can monitor the status of projects available on online system.	<ul style="list-style-type: none"> ▶ Development of ‘ApniRanchi’, an integrated mobile app as an m-Governance initiative ▶ Auto DCR, an Integrated Online Building Plan Approval Management System, is being updated to include revisions suggested in Draft Building Bye Laws. ▶ Establishment of integrated Central Command Centre ▶ Development of e-Governance platform based on open source stack to support scalability & ease of execution
14	Energy Supply	A Smart City has reliable, 24/7 electricity supply with no delays in requested hook ups	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	<ul style="list-style-type: none"> ▶ Average availability in Ranchi is more than 704 hours monthly. ▶ Distribution of 4000 LED lights ▶ 10 LED bulbs are distributed to each HH at INR 10 each ▶ 50X2 MVA Grid is commissioned that ease Hatia 1&2 grids ▶ Underground cabling is done for 41.7 km of 	<ul style="list-style-type: none"> ▶ Electricity to be available in all parts of city with metering linked to some parts of the city through online platforms for monitoring and transparency. ▶ 24X7 energy supply 	<ul style="list-style-type: none"> ▶ Improvements for Ratu and Mandar Substation, Hatia Namkum – 200 MVA, Kanke – 100 MVA ▶ Revamping Ranchi electricity distribution system through R-APRDP scheme (INR 322 crores) ▶ Provision of new 33 KV lines, 11KV lines & new substation ▶ Smart Meters to be installed in the city

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								33kv line and 1000 km LT-AB cables are laid.		
15	Energy Source	A Smart City has at least 10% of its electricity generated by renewables	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 in 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	GoJ’s Solar Power policy 2015 helps the state to promote Solar Power projects in the State.	Increase dependence on renewable source of energy, such that atleast 10% of the energy is supplied through renewable sources	<ul style="list-style-type: none"> ▶ Proposal for setting up 1200 MW Solar power plant on PPP mode ▶ Draft Building Bye-laws provisions for solar roof top panels in private buildings ▶ Solar Power policy mandates utilization of solar energy for 10% consumption need of individual HHs that have >1000 sft area ▶ 12 Government building identified by JREDA for installation of roof-top solar panels (Capacity of 2120 kWp) ▶ Additional 12 Govt buildings have been identified for Grid connected Roof top Plants (2090 kWp at INR 3673 Lakhs)
16	Water Supply	A Smart City has a reliable, 24/7 supply of water that meets national and global health standards	The city has a poor water supply system with limited water availability. There are no clear targets to achieve higher quality and optimal quantity standards. Unaccounted water loss is above 40%	The city has intermittent water supply and availability. However it is setting targets and processes in place to try to improve its water supply. Unaccounted water loss is less than 30%	The city has 24 X 7 water supplies in most areas but quality of water does not meet international health standards. Unaccounted water loss is less than 20%	The city has 24 X 7 treated water supply which follows national and global standards and also available in sufficient quantity and affordable across all sections of the society. Unaccounted water loss is less than 15%	Scenario 2	<ul style="list-style-type: none"> ▶ There are three reservoirs in the city with a cumulative capacity of 417 MLD. Nearly 245 MLD water is supplied. ▶ Coverage of water supply connection is 48% at present against 100 % as MOUD benchmark. ▶ Quality of water is 90% against 100% as MOUD bench marks. ▶ Non revenue Water – 70% 	<ul style="list-style-type: none"> ▶ The city wants 24 x 7 treated water supply which follows international standards in sufficient quantity across all sections of the society. ▶ The unaccounted water loss to be reduced to 15%. 	<ul style="list-style-type: none"> ▶ Multiple improvement works ongoing in the city for NRW reduction ▶ Provision for missing links for Water supply connections under State Plan, that will benefit ~14,220 HHs upon completion ▶ Up gradation of Ranchi Water Supply Scheme by Oct 2016 under JnNURM & State Plan to ensure sufficient water availability for next 30 years: provision for 114 MLD WTP and connections at INR 373 Crore ▶ DPR being prepared for water supply in new areas ▶ Proposal to implement SCADA system on PPP mode
17	Water	A Smart City has	The city does not	The city has meters	The city has meters	The city has meters for	Scenario 1	▶ 67% Collection efficiency	City wants to reduce the	▶ New Building Byelaws 2016

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	Management	advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage storm water runoff	measure all its supply. It does not recycle water to meet its requirements and rain water harvesting is not prevalent. Flooding often occurs due to storm water run-off.	for all its water supply but lacks mechanisms to monitor. Water wastage is very high. Some, but not much, rainwater harvesting exists.	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 restage of storm water is limited	all its water supply. It includes smart mechanisms to monitor remotely. Rainwater harvesting systems are installed and utilized through the city and storm water is collected and stored in water bodies and treated for usage. Recycled waste water is supplied for secondary uses.		<ul style="list-style-type: none"> ▶ Only 10% HHs have water meters ▶ Only 10% buildings have Rain water harvesting structure ▶ Nearly 155km of storm drains constructed 	<p>wastage of water during its supply and to increase its collection efficiency.</p> <p>City also wants to utilize the storm water by rain water harvesting.</p>	<p>strictly mandate apartments to have rain water harvesting facility. 50% penalty is otherwise imposed on holding tax.</p> <ul style="list-style-type: none"> ▶ 10% penalty on flat rate for individual HHs in case of non-metered water ▶ Formation of District Meter Area by 2017-18 – INR 210 Crores ▶ Modernization & desilting of WTP at Kanke dam @ INR 5.64 Cr is proposed ▶ Proposal for provisioning of bulk meters @ INR 33 Cr to be initiated ▶ Construction of integrated 202 km storm water drains in RMC Zone 1 under JnNURM ▶ Proposal to implement SCADA system on PPP mode ▶ Dual pipe system proposed in Knowledge Smart City ▶ 5MLD raw water provided to HEC for industrial use to be replaced with recycled/treated water
18	Waste Water Management	A Smart City has advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage storm water runoff	The city is enabling to treat all its sewage. Many local sewer lines open on to water bodies and open ground and pollute the environment.	Most wastewater 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 same is recycled.	The city has zero waste water because all the waste water is collected, treated and recycled. It meets standards and reduces the need for fresh water.	Scenario 1	<ul style="list-style-type: none"> ▶ The city has no centralised sewerage system except for the colonies/areas of HEC & MECON. People use septic tanks with and without soak pits. 	<ul style="list-style-type: none"> ▶ The city wants total area to have a centralised sewerage system with 100 % collection efficiency. 	<ul style="list-style-type: none"> ▶ Project has been undertaken at cost of INR 723.691 Crore to provide centralised sewerage and drainage system in 4 RMC Zones. Work has commenced in Zone 1 (207.97 Km) ▶ Proposal to set up 3 STPs of 45 MLD, 120 MLD, 65 MLD capacities, to ensure 100% wastewater treatment
19	Air Quality	A Smart City has air quality that always	City does not have plans, policies or	City has programs and projects to	City has programs and projects to	The city has clean air by international	Scenario 2	<ul style="list-style-type: none"> ▶ Pollution is continuously monitored at Van 	The city wants to maintain the good air	<ul style="list-style-type: none"> ▶ Proposal to install 5 automated air quality recording station

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		meets international safety standards	programs to improve the air quality. Systems to monitor air quality are absent.	monitor air quality and spatializing the data to ascertain reasons for degrees of pollution in the air. A few strategies to decrease a air pollution implemented.	monitor air quality and spatializing the data to ascertain reasons for degrees of pollution in the air. Pollution levels are acceptable.	standards. Live air quality monitoring covers the entire city and data of air quality are mapped		Bhawan & Firayalal chowk ► Introduced E-Autos in the city core area which helped in reduction of pollution level in the city	quality in city. So, project will be started to monitor air quality specialization data to ascertain degree to pollution and to check the pollution level of the vehicles on the roads.	across the city. Live air quality to be monitored at CCC. Results will be mapped and displayed online. ► 2 Devices to check air quality are proposed at two locations under Pan city initiative - RITTS ► Promotion of e-Autos to reduce pollution levels ► Encouraging public transport to reduce traffic ► NMT corridor, Greenways, Pedestrian movement
20	Energy Efficiency	A Smart City government uses state-of-the-art energy efficiency practices in buildings, street lights, and transit systems	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 2	► Sodium vapour street lights are being replaced with LED lights by RMC to save energy ► ~40% street lights converted to LED (~8500 lights have been installed). Project ongoing to convert 100% street lights into LED ► 32 High mast lights cum mobile towers are converted to LED ► LT-AB Cable done for 1000km	► Deployment of energy efficiency mechanism in 100% of buildings	► Project worth INR 322 crores commenced to modernize all the existing old and new transit systems under R-APDRP scheme ► DELP program proposed by JBVNL aims to overcome first cost barrier in purchasing LED lights & its promotion in domestic sector, which accounts for ~50% of energy consumption ► Solar Power policy mandates utilization of solar energy for 10% consumption need of individual HHs with >1000 sft area
21	Underground Electric Wiring	A Smart City has an underground electric wiring system to reduce blackouts due to storms and eliminate unsightliness	City does not have plans, for electric wiring.	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 2	City has 41.7 km of 33kv UG Cables	100% city to have Underground electric wiring & reduce T&D losses and maintenance cost	► Underground HT work is under implementation for 1000km. ► Ranchi intends to have underground wiring system to most parts of the city. DPR has been prepared for the project and to fund the project through IPDS scheme
22	Sanitation	A Smart City has no open defecation,	Many parts of the city do not have	Sanitation facilities are available to	Sanitation facilities are available to 90%	Sanitation facilities are available to 100% of	Scenario 2	► RMC maintains the sanitation works in the	► City wants to be open defecation free	► Five mobile toilets with total of 36 seats are being acquired

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		and a full supply of toilets based on the population	access to sanitation infrastructure and facilities.	70% of the city’s population.	of the city’s population.	the city’s population.		<p>Ranchi city, including 60 Public toilets and 12 urinals.</p> <ul style="list-style-type: none"> ▶ The coverage of laterines (individual or community) under existing level is 70% against 100 % MOUD benchmarks. ▶ City has three mobile toilets with total of 22 seats ▶ Awareness creation campaign through wall painting, hoardings, Nukkad - Natak has been undertaken in the city with help of various NGOs ▶ 3600 toilets provide under Swachh Bharat Mission (SBM) 	<p>in coming years and provide toilets as per the population demand.</p> <ul style="list-style-type: none"> ▶ Construction of public toilets and urinals at frequent intervals 	<ul style="list-style-type: none"> ▶ 100% sanitation & Zero defecation planned under SBM ▶ Construction of 9 public toilets (37 seats) is being undertaken
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	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	<ul style="list-style-type: none"> ▶ 60% Door to door collection for the waste is done by RMC through contract workers. ▶ Contractual staff for Solid waste collection increased from 933 in 2013 to 2005 in 2015 ▶ No proper treatment and disposal of the waste ▶ Formation of Special task forces during festive seasons 	<ul style="list-style-type: none"> ▶ City wants to cover 100 % household for collecting the solid waste. ▶ Solid waste collected to be treated such that organic waste is incinerated and converted to energy. 	<ul style="list-style-type: none"> ▶ Concession agreement has been signed with M/s Essel Infra for 100% door-to-door waste collection and installation & O&M for waste to energy plant of 11MW ▶ Reclaiming the existing landfill site by bio mining is also proposed.
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	The city has low levels of public safety – most groups of residents feeling secure during most parts of the day in many	The city has medium levels of public safety – some more vulnerable groups feel insecure during some points of the	The city has high levels of public safety – all citizens including women; children and elderly feel secure in most parts of the city	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 3	<p>Ranchi city has taken several measures to check the crime activities and successfully uphold the safety and security conditions.</p> <ul style="list-style-type: none"> ▶ Launch of eRahat, Shakti and Mein bhi police Mobile 	High levels of public safety and residents feel safe at some parts of the city during some hours in a day.	<ul style="list-style-type: none"> ▶ Increased patrolling of police ▶ ~630 CCTV surveillance cameras are proposed under Pan city initiative- RITTS at: <ul style="list-style-type: none"> ○ 375 buses ○ 207 bus stops

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		feel safe on the streets at all hours. (Guideline 6.2)	parts of the city.	day and in some parts of the city.	during most time in the day.			<p>App for the women safety.</p> <ul style="list-style-type: none"> ▶ 125 Pink Autos dedicated for women passengers ▶ 32 High mast lights provided across the city ▶ Night patrolling is being provided throughout city ▶ 4 dedicated Police stations established to deal cyber crimes ▶ Total Cognizable Crimes Under IPC per lacs population in city Year 2012 ---354, 2013 ---349 		<ul style="list-style-type: none"> ○ 5 Terminals / Transit Center ○ 40 Signals ▶ Plans to provide 40 High mast lights at major junctions ▶ 20 Shakti Commandos deployed for surveillance s ▶ ‘ApniRanchi’ mobile App to facilitate reporting crimes, especially during emergency situation ▶ Mix land use to ensure safe and vibrant streets

3.1 REGIONAL & CITY PROFILE

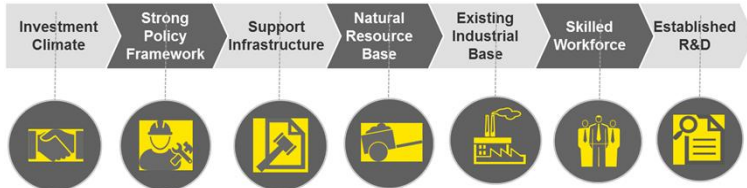
Annexure 3: Ranchi Smart City Proposal



Regional Profile



Advantage Jharkhand



Pioneer in steel making and leading producer of crude steel in India

INR >62,000 Crore MOUs signed

40% Mineral resources of country

30 Types of Minerals

Area: Koderma- Hazaribagh IA
Mineral deposit: Mica, stone chips, coal, fire – clay, lime stone
Major industry: Mica based industries, power plant, glass, alloy steels, cement, refractory

Area: Ranchi IA
Major industry: Medium and large scale industries, ITITES, food processing

Ranchi:
General Universities - 3
Engineering Colleges - 6
Management Colleges – 6
Medical Colleges – 3
Law Colleges – 2
Arts & Science – 8
Agriculture - 1

Area: Lohardaga IA
Mineral deposit: Bauxite
Major industry: Aluminium industries, power plants

Area: Singhbhum IA
Mineral deposit: Iron ore, dolomite, kyanite, lime stone, manganese, uranium, copper, quartzite, kaolin, fire clay
Major industry: Iron & steel, auto components, cement, IT-ITES, horticulture, food processing, silk and textile

Area: Ghatsila IA
Mineral Deposit: Copper
Major Industry: Copper and Forest based Industries

Dhanbad:
Universities - 0
Engineering Colleges - 1
Management Colleges – 0
Medical Colleges – 0
Law Colleges – 0
Arts & Science – 0

Area: Dhanbad – Bokaro IA
Mineral deposit: Coal, fire clay, silver
Major industry: Coal and steel, refractories, coal based power plants

Jamshedpur:
General Universities - 0
Engineering Colleges - 3
Management Colleges – 1
Medical Colleges – 0
Law Colleges – 0
Arts & Science – 1

City Profile



Industrial Infrastructure in Ranchi

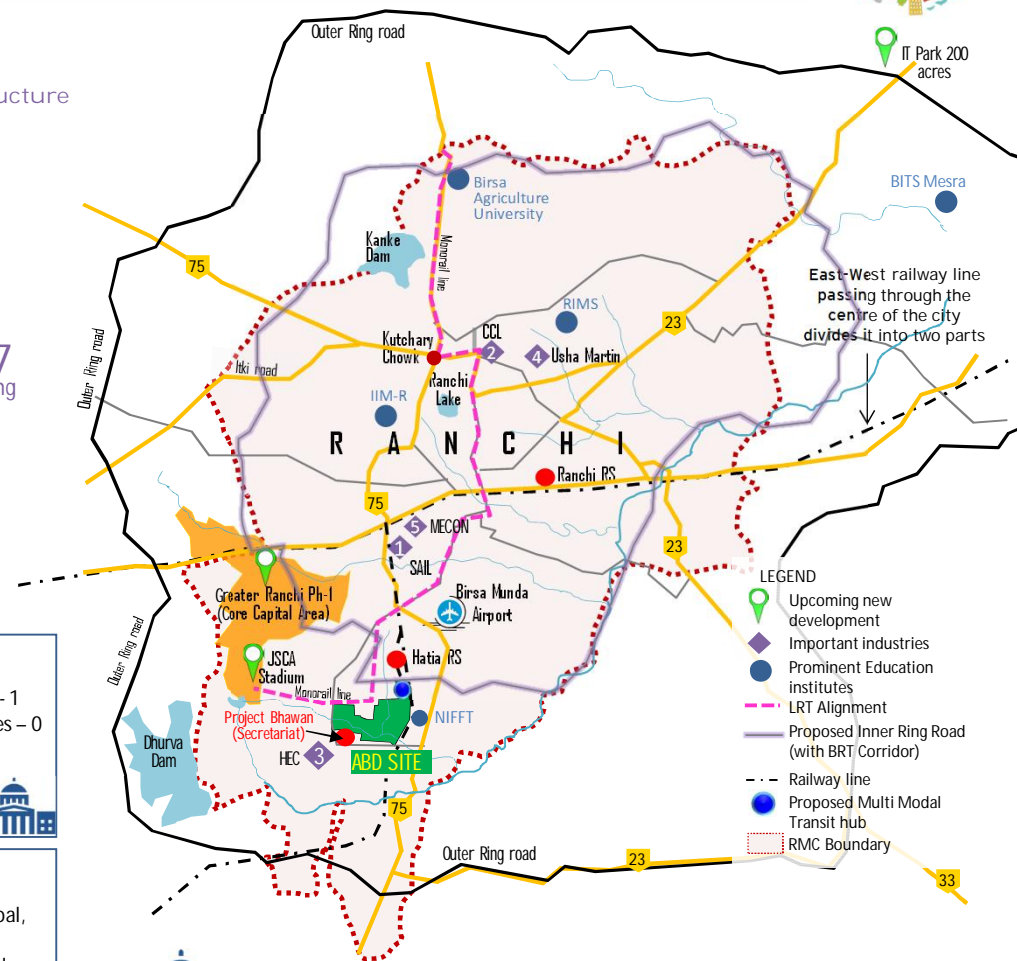
Ranchi Industrial Area Development Authority (RIADA), is the nodal Industrial Development Authority in the State

1471 acres

4 Industrial areas

517 Working units

- 1 SAIL, R&D centre
- 2 Central Coalfields Ltd
- 3 HEC
- 4 Usha Martin
- 5 MECON



Education Infrastructure in Ranchi



SCHOOL EDUCATION

619 Schools ~1Lakh Students



HIGHER / TECHNICAL EDUCATION

40 Colleges ~4000 Students



COACHING INSTITUTES

~35 Institutes
>50k Students



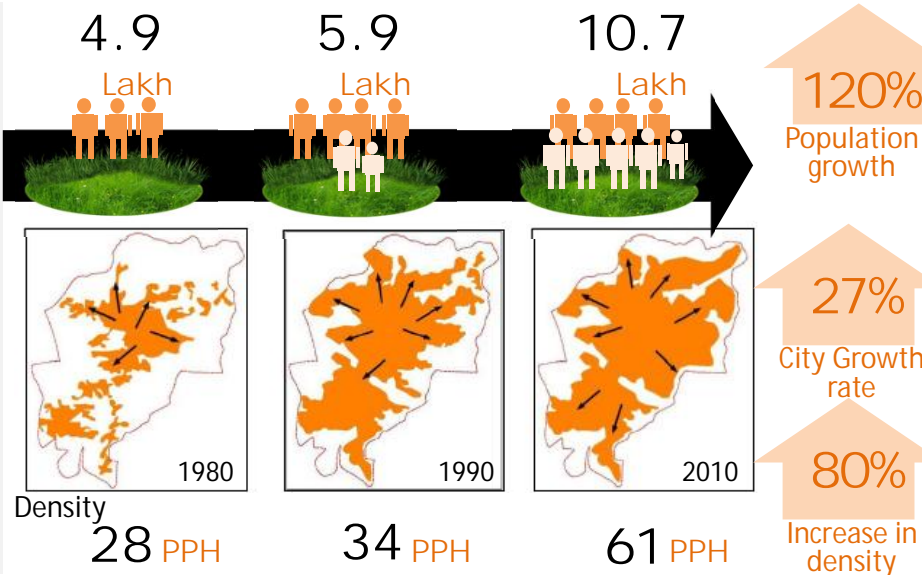
HOSTELS

~600 Private Hostels
>12,000 Capacity

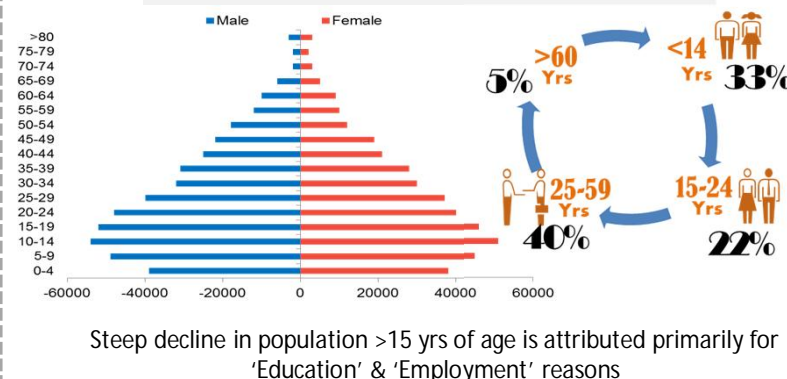
3.2 CITY Overview



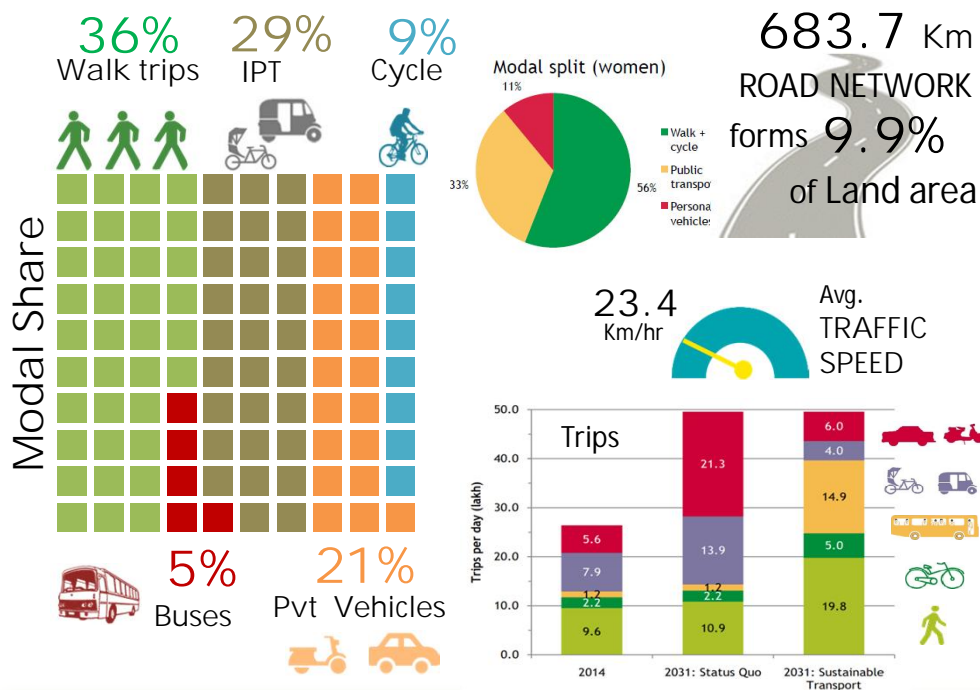
POPULATION



AGE DISTRIBUTION



MOBILITY



ENERGY

Electricity is available for 97% of the Day
40% Streetlights are converted to LED
4000 LED lights distributed in the city

WATER

10% HHs have Rain Water harvesting structure
Water Quality meets 90% MOUD Benchmark standards
48% HHs have Water Supply connections
10% HHs have Water Meters

GNIS HOH

77.43% Pucca houses
7.72% population lives in 95 slums
60% Door-to-door Waste Collection

SAFETY / SECURITY

125 Pink autos for women safety
Dedicated Police Station to deal Cyber crime 4
Mobile Apps developed



"Meinbhi Police"

3.3 CITIZEN ENGAGEMENT



- Inform citizens about Smart City Mission,
- Conduct SWOT analysis and prepare a vision statement
- Understand city level issues for PanRound 1 city initiative
- Identify the area for Area Based development



Process...

Share first draft of the proposal with the citizens and invite their suggestions / feedback

Round 2

Share revised / final draft of the proposal with the citizens

Round 3

Invite suggestions for proposal improvement in fast track round

Round 4

Extent...



Modes...



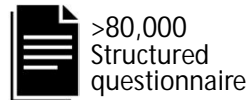
Talk Shows



>500 times Radio jingles played



55,000 ward level polling



>80,000 Structured questionnaire



2420 online / offline ESSAY Competition entries



Information dispensation through Smart Rath for >10 days



~1000 Email responses



~25,500 Facebook likes



~70 responses



>50 newspaper articles



>1.5lakh Pamphlets distributed



Nukkad Natak at 110 Locations

>15 events at prominent locations



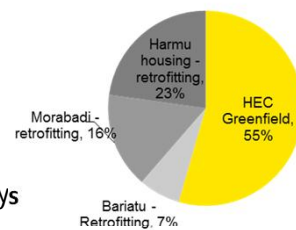
>2 lakh SMS & WhatsApp Messages



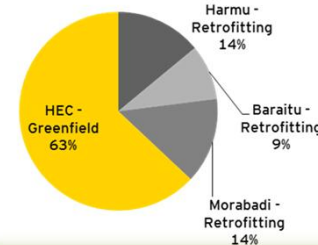
>4.5 Lakh Total citizen outreach

Polling results - Area Based Development

MyGov polling results

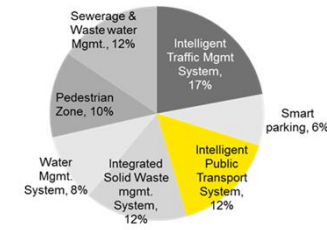


Talk show polling results

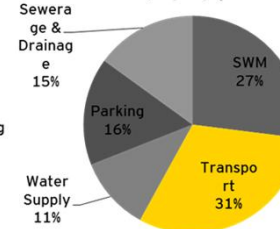


Polling results - Pan City Solution

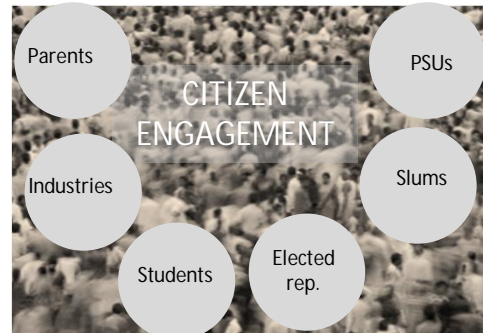
MyGov polling results



Talk show polling results



3.4 VISION & GOALS



Vision

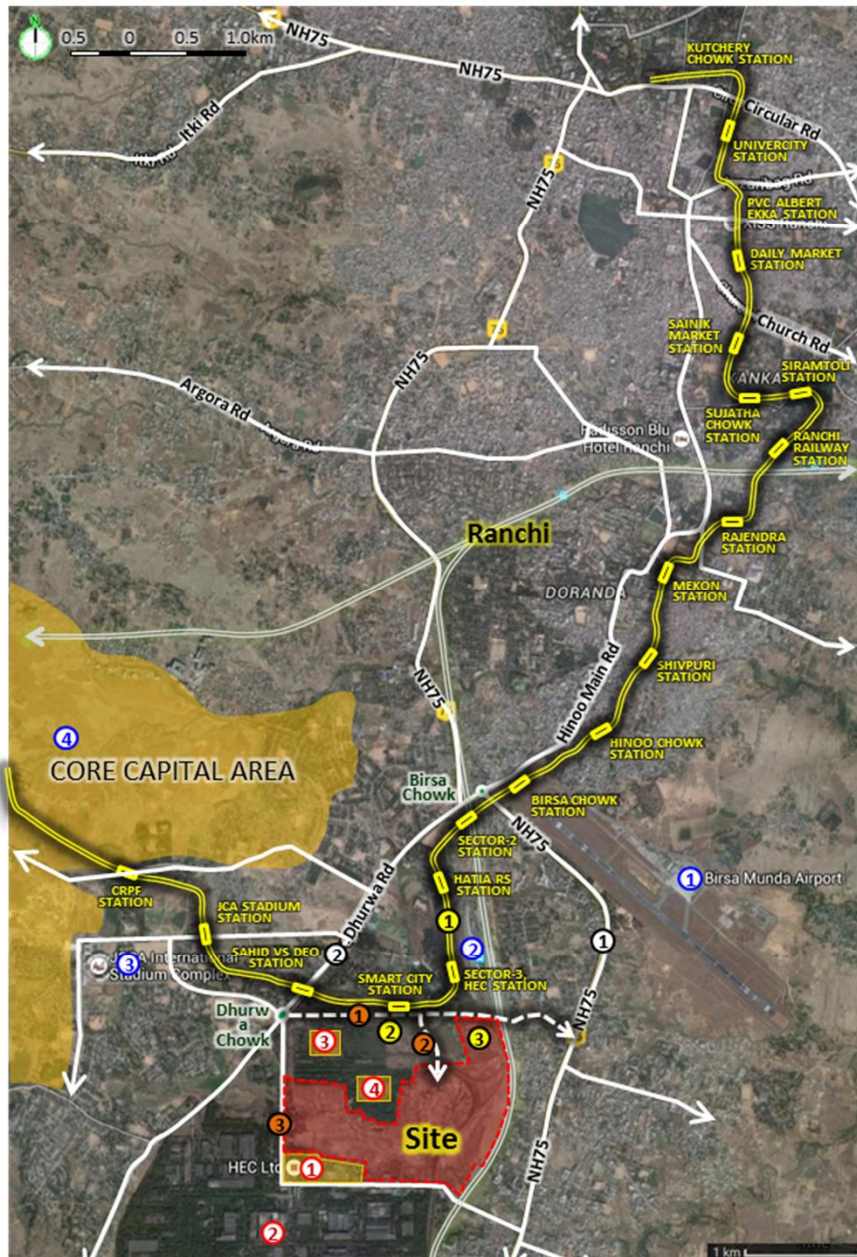
Ranchi **aspires** to be a Learning & Knowledge hub of Eastern India that provides **Sustainable & vibrant environment** to its citizens, by addressing their **socio economic needs** by leveraging its **knowledge institution ecosystem**

4	THRUST AREA (TA)	10	STRATEGIC DIRECTION	14	GOALS
1	Provision of adequate physical and social infrastructure	Strengthen & Improve Core infrastructure		<ul style="list-style-type: none">• Meet 100% MOUD’s SLBs defined for citizen services• Dedicated space for NMT & 50% Modal share for Public Transport• Legal changes to regulate traffic movement• Open Spaces within 10 min walking distance• 24X7 safe city• Increased focus on affordable housing – EWS and LIG categories• Adequate health facilities with easy access from residential areas and job centres	
		Enhance Mobility			
		Preserve & Develop natural resources & open spaces			
		Enhance Safety & Security			
		Provision of supporting social infrastructure			
2	Ensure Socio Economic Development of the city	Focus on Knowledge based Economy		<ul style="list-style-type: none">• Create >15,000 seats for higher education facility• Create >2 lakh jobs in the city	
3	Fiscal Sustainability	Revenue Optimization through innovative mechanism		<ul style="list-style-type: none">• Enhance tax net and revenue collection through Outsourcing to private vendor and use of ICT• 100% inclusion of properties in the tax net and increase in revenue	
		Legal changes to improve tax collection			
4	Adoption of SMART PRINCIPLES for CITY PLANNING, DEVELOPMENT & MANAGEMENT	Smart Urban form		<ul style="list-style-type: none">• Adoption of Mix Land use & TOD concepts in all future developments• Availability of 100% citizen services through a common online & offline platform• Integrate ICT in city management and planning operations	
		Leveraging IT for Smart Governance & to connect with citizens			

3.5 AREA BASED DEVELOPMENT – Site Overview



Site Context



SURROUNDING CONDITIONS

A. Existing Major Infra/Facilities

- ① Birsa Munda Airport (≤3km)
- ② Hatia Railway Station (≤1km)
- ③ JSCA International Stadium (≤2.5km)
- ④ Core Capital Area (within 3 Km)

B. Existing Roads

- ① National Highway 75
- ② Dhurwa Road

C. Existing Developments

- ① Project Bhawan
- ② HEC Ltd.
- ③ Heavy Machine Tools Plant
- ④ Marine Diesel Engine Plant

D. Committed Developments

- ① LRT Project
- ② LRT TOD
- ③ Multimodal Transit Centre

E. Proposed New Roads

- ① Connection from Dhurwa Chowk
- ② Connection from JUTCOL TOD
- ③ Connection from main Dhurwa Road

SITE EXISTING CONDITIONS

A. Topography, Landform

- 1 & 2. Embankment for railway line (dysfunctional)



B. Waterbodies

- Rivers, ponds



C. Arrival Road

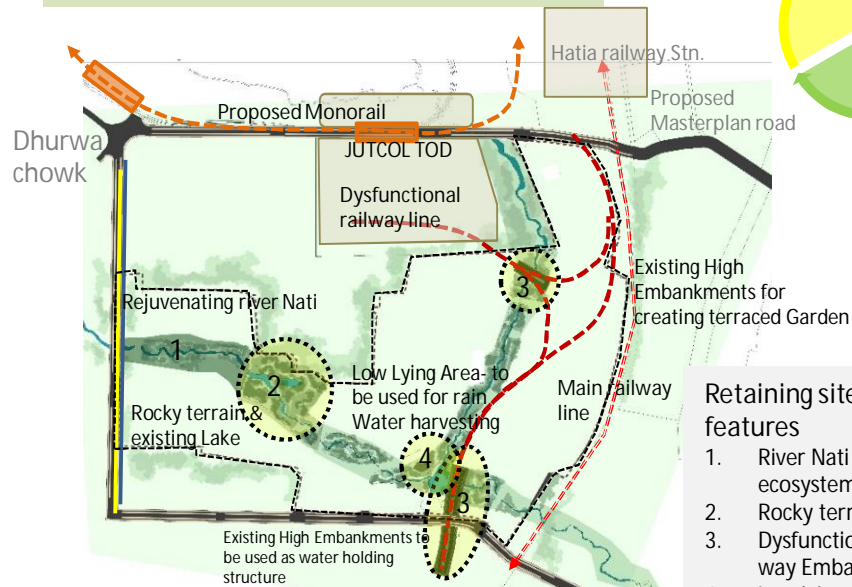
- Existing road



3.6 AREA BASED DEVELOPMENT – Concept



Conceptual Development



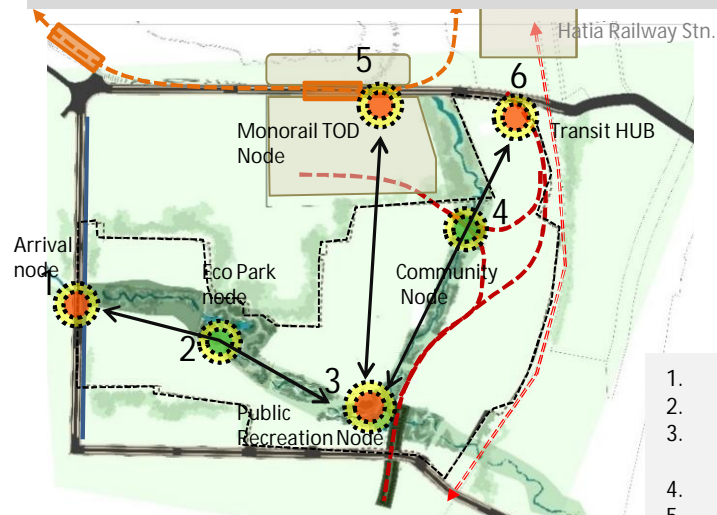
Retaining site features

1. River Nati & its ecosystem
2. Rocky terrain at lake
3. Dysfunctional Railway Embankments
4. Low lying area to create Rain water storage lake

Site Appreciation

Creating the 'Knowledge Vale' of Ranchi

- An ecological green necklace that connects man and nature with the built environment.
- 4km of recreational belt with a variety of activities for social interaction and learning.

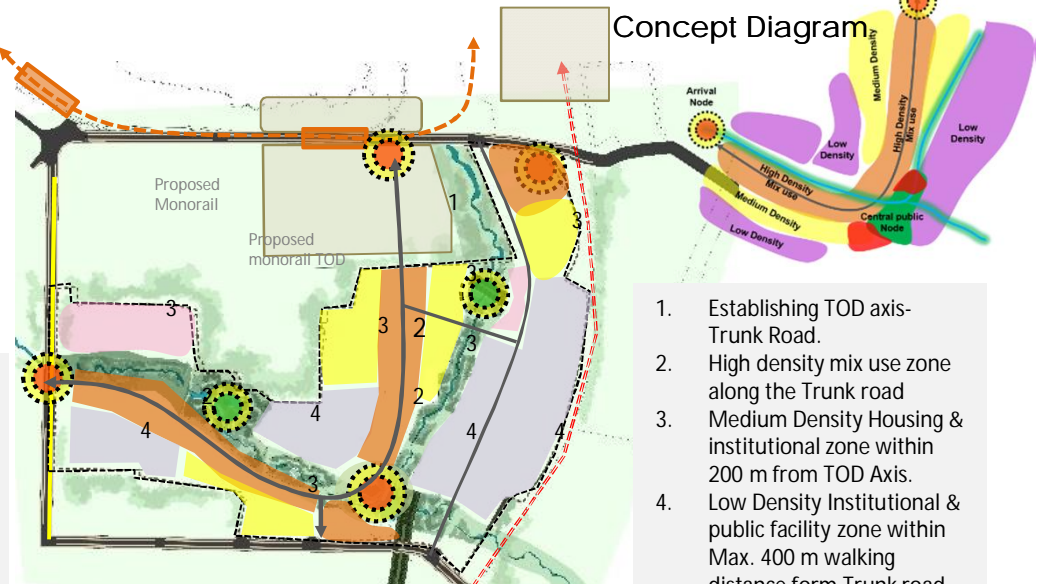


Conceptual Design Nodes

1. Arrival node
2. Eco park node
3. Public Recreation Node
4. Community Node
5. Monorail TOD Node
6. Transit Hub Node

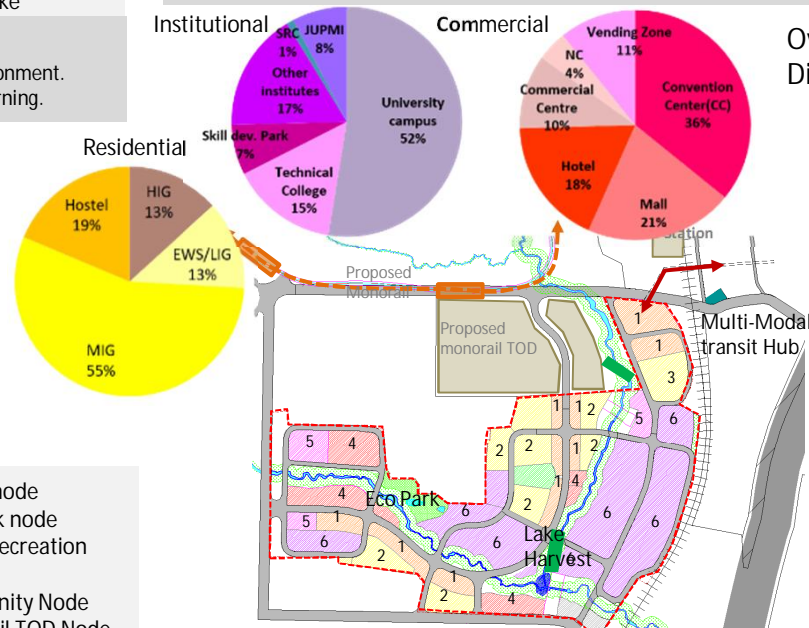


Concept Diagram



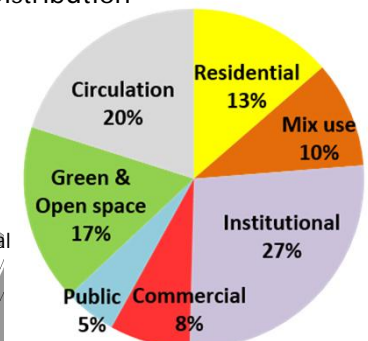
1. Establishing TOD axis- Trunk Road.
2. High density mix use zone along the Trunk road
3. Medium Density Housing & institutional zone within 200 m from TOD Axis.
4. Low Density Institutional & public facility zone within Max. 400 m walking distance form Trunk road.

TOD Concept Adaptation



Proposed Land Use Plan

Overall Land Use Distribution



1. Mixed Use
2. Residential
3. Hostel
4. Commercial
5. Public office & facilities
6. Institutional

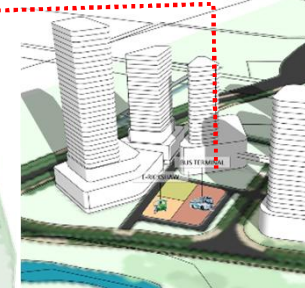
3.7 AREA BASED DEVELOPMENT – TOD Concept



6.7 lakh sqm Housing for all
5.3 lakh sqm of Institutional Space
4.9 lakh sqm Commercial Space
1.4 lakh sqm Transit hub
1.7 lakh sqm Government offices

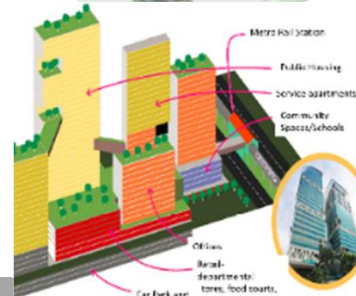


Multi Modal Transit Hub



One Integrated Infrastructure facility connecting all modes of transport :

- Railways
- Monorail
- Inter & Intra City bus service
- E-Rikshaws, Autos, E-Cabs
- Bike Sharing



CONNECT

- Complete & safe Public walks, NMT corridors.
- Vibrant & Active walking paths
- Comfortable & shaded walkways.
- Short route options for Cyclist & pedestrians
- Maximum interval of pedestrian intersection at 110 m .

TRANSIT

- E-rikshaws stands, Bus stops located on trunk road at maximum 400 m from any place on site.
- Max. 15 mins walk distance to Monorail Station

MIX & DENSITY

- Mix of Functions like, offices, Institutions, administration, residential, Shopping & entertainment coexists.
- High & medium density spread along the transit axis

COMPACT

- Most plots accessed from more than 2 sides.
- Close proximity to Bus interchange, Monorail station and Railway station.
- Bike Sharing & parking facility through site.

NEIGHBOURHOOD PLANNING

- Interspaced pocket planned for all residents- parks & fields between blocks well-lit
- Short distance to nearest road with good access

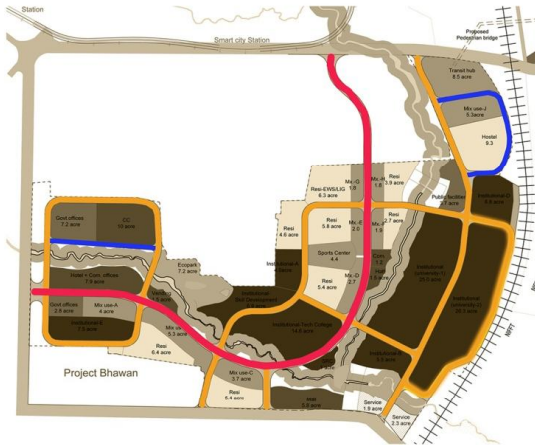


Transit Oriented Development

3.8 AREA BASED DEVELOPMENT - Mobility



STREET DESIGN

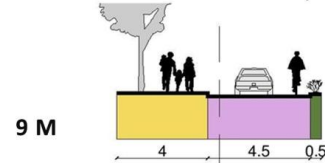


30 M ROW PRIMARY ROAD
24 M ROW SECONDARY ROAD
18 M ROW TERTIARY ROAD

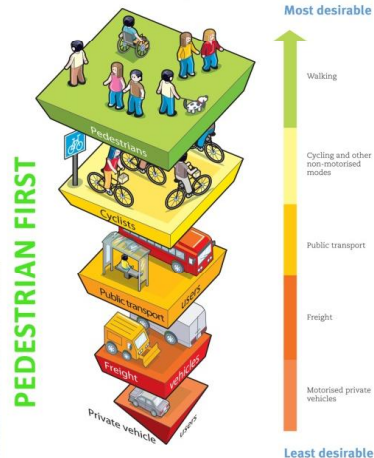
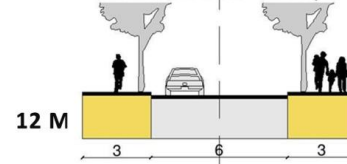
Pedestrian Footpath - 13.7 kms
Cycle/NMT Track - 13.7 kms

Cross section for minor interior roads in ABD

Small street with shared space

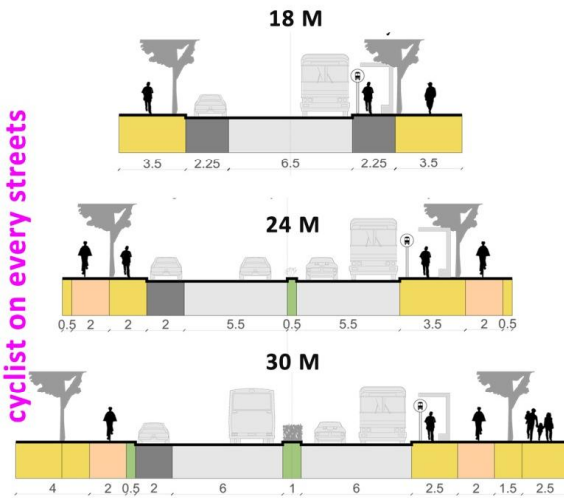


Intermediate street with footpath



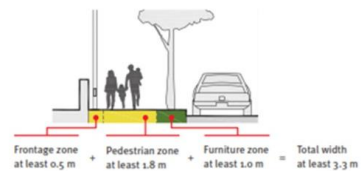
PEDESTRIAN FIRST

Ensuring Pedestrians and cyclist on every streets



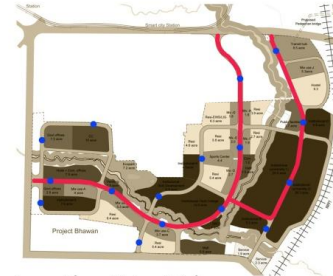
Safe walking and cycling environment

Proposed streets will have wide, continuous footpaths compliant with IRC 103:2012.



PUBLIC TRANSPORTATION

CITY CONNECT



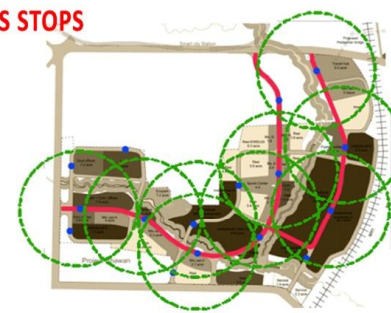
Trip Length – 8 to 12 kms
 Frequency - 10 mins
 Bus Types- Mix of Mini and midi buses

INTRA CITY SHUTTLE



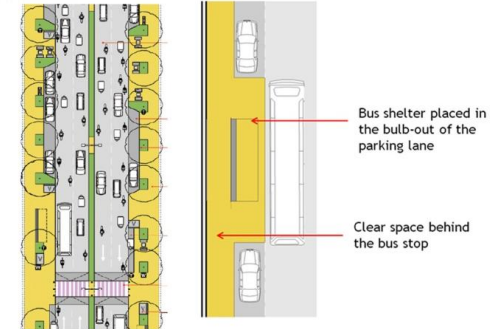
Trip Length – 7.5 kms
 Frequency - 3 to 4mins
 Bus Types - Mini buses

BUS STOPS



A. Location: Bus stop every 400m implies that commuters don't have to walk more than 5 min to access a bus stop

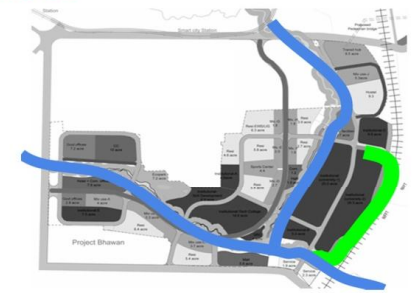
B. Seamless connectivity to pedestrian network



C. Improved comfort to commuters with new bus shelter design featuring better way finding and signages



GREENWAYS



4 Kms of greenway planned along the water bodies and the exclusive pedestrian roads

Infographics source - ITDP, unless mentioned

3.9 AREA BASED DEVELOPMENT – Site Plan



LEGEND:

1. Convention centre & Urban Tower
2. 5 Star Hotel
3. Mixed use development
4. Government offices
5. Institutional:
 - a. Skill development Park
 - b. Other Institutes College
 - c. JUPMI
 - d. Senior Secondary School
 - e. Student Resource centre
6. Universities:
 - a. Medical college
 - b. Technical University
7. Housing:
 - a. MIG
 - b. HIG
 - c. EWS/LIG
 - d. Hostels
8. Public facilities
 - a. Neighbourhood centre & Smart city Haat
 - b. Community centre
 - c. Sports centre
9. Multi Modal Transport Hub
10. Mall & Commercial centre
11. Utilities- STP, ESR, Sub-station.

Proposed Site Plan

3.10 AREA BASED DEVELOPMENT – Zoning



Mixed Use Integrated Development



High Density-commercial Podiums with office or residential towers , planned along the trunk road to ensure accessibility, mobility & Vibrant Work-Live -Play environment for maximum population .



Integrated Convention Centre & Civic Hub



A Hub of public Facilities & Civic Offices together with Private commercial & recreational open Space.

Eco Park & River Park



Integrated Network of Green landscape & water features running across the site with Leisure walks, NMT paths, recreational decks, Water activity zones, Children's Park etc.



Housing For All

Providing a Mix of housing for EWS, LIGs, MIGs & HIGs , all located within 250-400 m walking distance from TOD axis, public facilities, Public transport Hub , institutional & working places.



Multi Modal Transport hub

Integrated Infrastructure Facility – Connecting the Hatia station to smart city (Sky bridge), E-Rikshaws & Auto stand, E-Bus terminal , coexisting with a Mixed used Commercial Development.

- Mixed Use
- Commercial
- Residential
- Public facilities
- Institutional



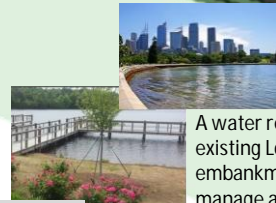
Integrated Mall & Commercial Centre

One stop destination for shopping, entertainments, Cinema,, restaurants & cafes for Public Recreation and Fun.



Lake Harvest

A water retention features, built using the existing Low lying area & solid embankment(13 m high), use to collect & manage all the storm water at site.



ESR

Central Water tank over 13 m high embankment Save Additional pumping cost

Knowledge Hub

Centre of Knowledge, Training, Formal & informal education, Skill development, Technology, R&D.



Perspective View & Site Highlights

3.11 AREA BASED DEVELOPMENT – Smart Components



SMART SEWAGE COLLECTION & TREATMENT



- Sewage trunk line along the trunk road (utilizing natural slope) towards STP
- STP strategically located at natural lowest point on site.
- Centralized STP to treat sewage and supply treated grey water for reuse.

SMART INFRASTRUCTURE



- Integrated service tunnel integrated with the trunk road.
- Tunnel to accommodate water supply, sewage lines and Power & network cables

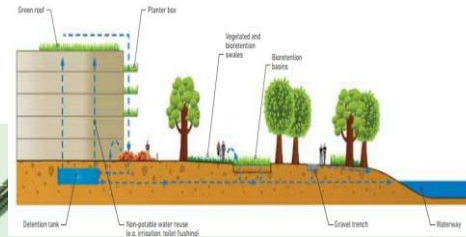
SMART SOLID WASTE DISPOSAL

- Smart Community Toilets (●) at regular intervals in the River Park.
- Smart Sorting-Separate chutes for different type of waste
- De-centralized & compact waste management plant with in each developmental plot- where most biodegradable waste is treated at source and converted to bio-fuel.
- Minimum waste Strategy-only 30% sent out of site for disposal



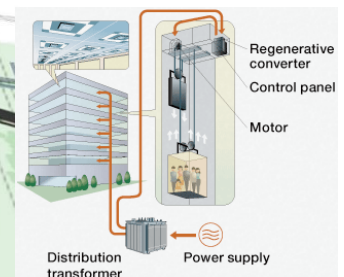
SMART STORM WATER MANAGEMENT

- Special on-site retention & detention features like pits & drains.
- Directs all water from the hard surfaces, planter boxes, green roofs to the nearest River catchment area.
- River Nati following its natural course & slope will take the water to Lake Harvest.
- Lake Harvest stores, treats and resupply water to buildings.



RENEWABLE ENERGY AND ENERGY EFFICIENCY

- Multiple energy points feed power into smart grid, that keeps a tab on energy use of every development/occupant. Energy consumption of entire city is optimized through real time analysis and control. And shared with the citizens using VMS.
- High efficiency solar energy-Solar panel – dedicated land reserved on railways embankments retained.
- Solar panels on roofs of knowledge hub building can be used to feed the energy demand of corridors and lift lobbies.
- LED Solar Street Lighting
- Elevator energy regenerative systems.



Retained Embankment

STP

SMART KNOWLEDGE HUB

Core function of the development consisting of skill development centre, training institutes, workshops, R&D wings along with open public spaces

- Smart classrooms & workshops
- Digital public library
- 100% network coverage through out the campus.



3.12 AREA BASED DEVELOPMENT – Smart Components



SMART MOBILITY & INTELLIGENT TRAFFIC MANAGEMENT

Multiple modes of transport are optimized through analysis of traffic patterns. Choke points are avoided or eased out through automatic response from control centre.

- Intelligent parking systems
- Automatic road pricing system for private cars entering the site.
- Integrated network of battery operated public vehicles
- Integrated multi-modal public transport services- Monorail → E-Buses, E-taxi/auto, E-rikshaws- Enhancing first & last mile connectivity
- Common mobility card & Centralized Control center for all traffic
- Smart IPT stands & applications
- Integration of CCTV and GIS tracking for record and security.
- Public bike and car pool system



SMART BUILDING FEATURES



SMART CONNECTIVITY

- Underground fiber optic cabling for internet and telecommunication-incorporated with common service Tunnel
- LAN connectivity capabilities to all buildings.
- Wifi hotspots at all important public spaces & buildings.
- Free wifi for students 7 public in student resource center.

SMART HEALTHCARE & DISASTER MANAGEMENT

- Smart health huts for trauma & health check-ups located within a maximum 500 m distance from all locations on site.
- Quick response Smart-paramedic team that is connected to each citizen using Smart healthcare Apps-electronic patient records, Google mapping & tracking, email connectivity.
- DMT- Smart weather forecast combined with water flow management to predict Flash floods, and pre strategies remedial strategies.
- Fire in building triggers auto-alarms in control center and coordinated with traffic management to make way for fire services.

SMART POLICING & SECURITY

- Smart Police Station that works closely with Smart city marshals & city Police.
- Centralized security control center for police, Marshls and other security departments.
- Quick redressal to citizen's problems and concerns within the Smart city.
- Pan development Video Monitoring.
- Helpline & SOS numbers.
- Crime alert Apps.



SMART URBAN DEVELOPMENT MANAGEMENT TEAM

- Smart Administration & Command centre(SAAC)- 1 stop destination for admin related decisions, command works located within the Urban Tower.
- Urban Tower- civic building that houses all SPVs and civic offices.
- Citizen Connect Gallery – center for gaining information regarding city maps, bylaws, real estate details, with Interactive smart city model and plans on display-open for public access .



SITE SMART COMPONENTS

3.13 AREA BASED DEVELOPMENT – Green Area



1. RIVER PARK



The most powerful element of Site- a continuous green & blue network flowing across the site, connecting all zones and functions.

NMT tracks

- Leisure trails
- Jungle trek
- Camping Site
- Jogging tracks
- Bridges & water Decks
- Playing fields & sand pits
- Open

5. SPORTS CENTER



- Integrated indoor & outdoor sports facility
- Open for public & Students

4. COMMUNITY PARKS

- Terraced gardens & lawns
- Community parks with BBQ pits & Gazebo
- Children's Play garden
- Open Park gyms



Green area/person
760,000 sqm/50,000 population
= 15 sqm/person



3. LAKE HARVEST

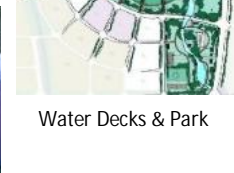
- Water retention feature created at the already existing low lying area of the site, where all the storm water is naturally directed.
- Constructed using Existing Railway embankments, which are now dysfunctional and hence – is an Adaptive reuse of an existing infrastructure.
- The lake act as a flood control measure, prevents run offs, and the collected water can be reused at site for various purpose.

2. ECO PARK

- Lotus garden
- Cleansing Biotope
- Water activity centre
- Kayaking
- Lake deck restaurants & Cafe



The cleansing biotope- an artificially wetland that offers effective water treatment and helps maintain water quality naturally without using chemicals using special wetlands plants



Water Decks & Park

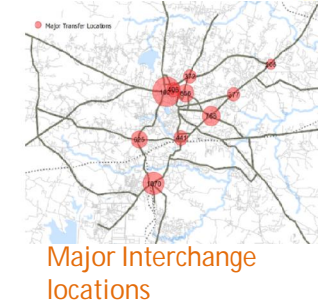
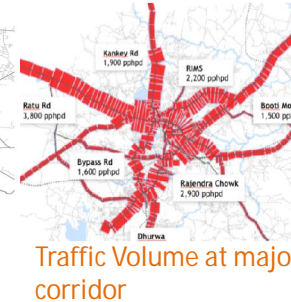
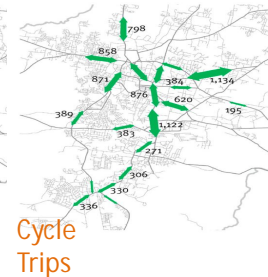


SITE GREEN NETWORK PLAN

3.14 PAN CITY SOLUTION – Physical Infrastructure

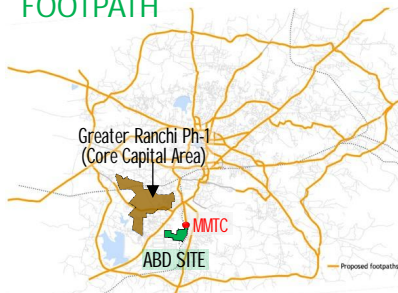


VISION - Towards Sustainable Transportation



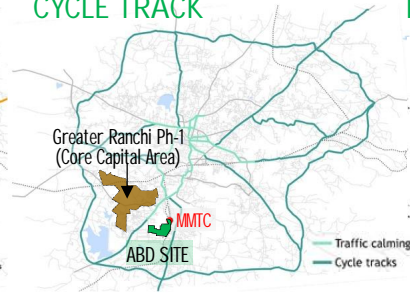
- The above graphics highlights the current scenario of Ranchi with respect to traffic and transport.
- It is evident that Ranchi has high pedestrian and cyclist modal share, which makes it imperative to upgrade these infrastructure.
- Based on the analysis infrastructure proposal are made for footpath, cycle track, bus routes.

FOOTPATH



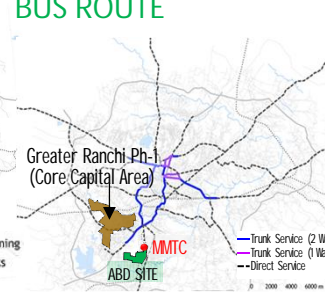
160 kms of continuous and wide Footpath proposed pan city compliant with IRC 103:2012

CYCLE TRACK



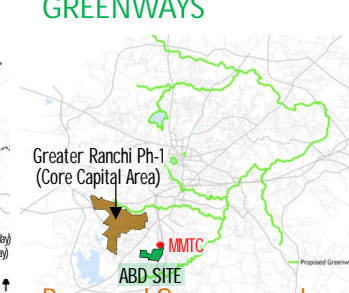
100 kms of Cycle track proposed all across the city with adequate traffic calming measures

BUS ROUTE



Dense network of Public Transport connecting every nook and corner with a fleet size of 375 buses

GREENWAYS



Proposed Greenways along major water bodies to creating NMT corridors and public place at the same time

PUBLIC BICYCLE SHARING



- City to adopt PBS scheme with an coverage area of 5 sqkm and 1000 cycles
- Cycle stands to be at a distance of 300m with a capacity of 12, 24, 36 docks

JUNCTION IMPROVEMENTS

Important intersections in the city need to be redesigned to retain either a traffic signal or a rotary/ traffic island.

- Albert Ekka Chowk
- Birsa Chowk
- Dangra Toli
- Chowk, Kadru More
- Kantatoli Chowk
- Kutchery Chowk
- Ratu Road junction
- Sujata Chowk

ALBERT EKA CHOWK



SUJATA CHOWK



ACHIEVEMENT

- Support non-motorised transport (NMT) - Increase the mode share of all trips by cycling and walking from 44% (2014) to 50% (2031)
- Improve safety - Zero fatalities per year from traffic crashes or public transport accidents
- Improve formal public transport - Increase the mode share of formal public transport from 2% (2014) to 35% (2031)
- Public transport accessibility - 75% of residents within a 5 min walk of formal public Transport
- Keep Ranchi air healthy - Zero nonattainment days for PM and NOx emissions
- Control personal motor vehicle trips - Increase of no more than 10% over present levels.

3.15 PAN CITY SOLUTION – ICT Infrastructure

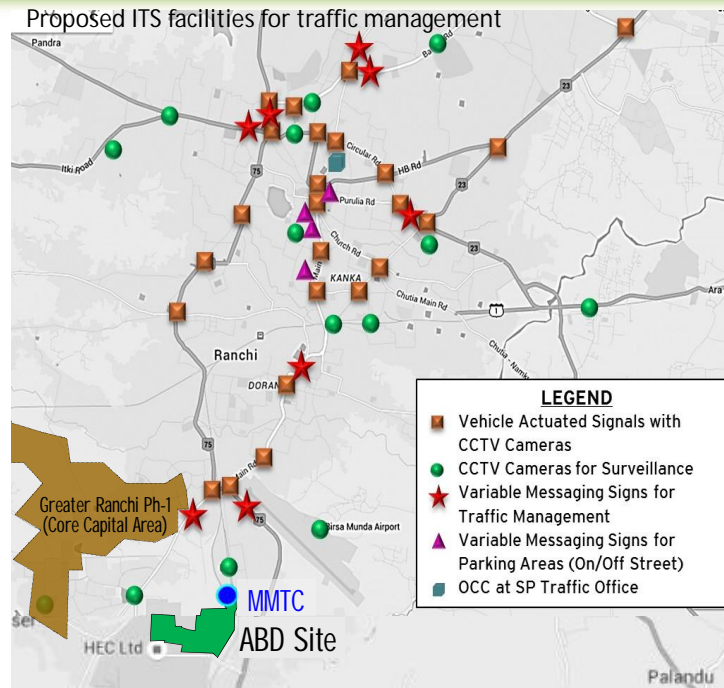


Components:

- ✓ Intelligent Public Transport System
- ✓ Corridor Management system
- ✓ Parking Management System
- ✓ IPT Integration
- ✓ Fare Management System
- ✓ Ranchi Integrated Traffic and Transport Management System (RITTS)

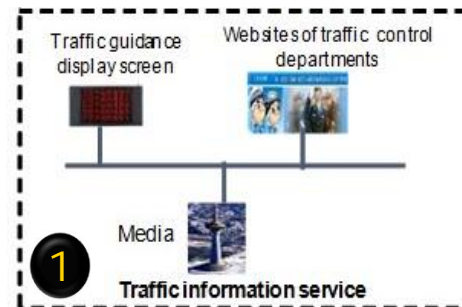
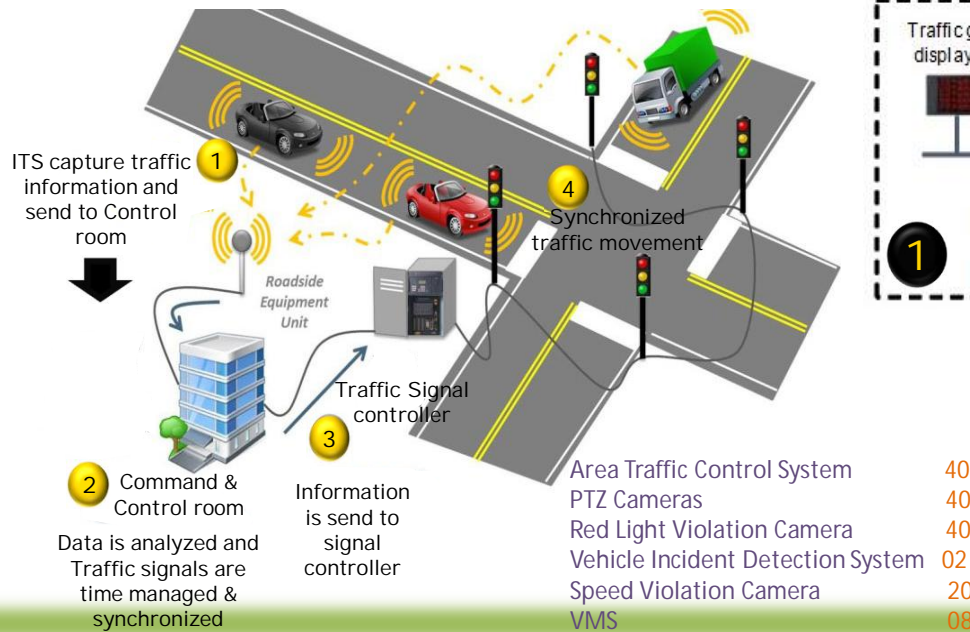
INTELLIGENT PUBLIC TRANSPORT SYSTEM

- Real time tracking of 375 buses with PIS
- 200 State of the art BQS with PIS
- Surveillance through CCTV cameras at all buses and BQS



RANCHI INTEGRATED TRAFFIC AND TRANSPORT MANAGEMENT SYSTEM(RITTS)

CORRIDOR MANAGEMENT SYSTEM



FARE MANAGEMENT SYSTEM

Oyster Card - London



Octopus Card - Hong Kong



Development of common mobility card integrating payment through single card for all the modes of Public transport

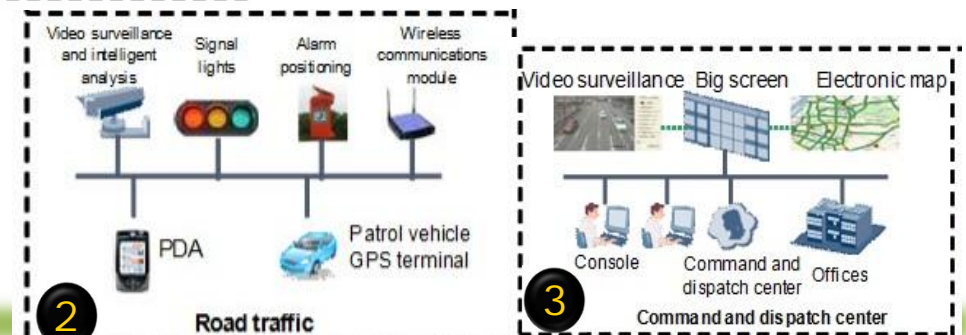
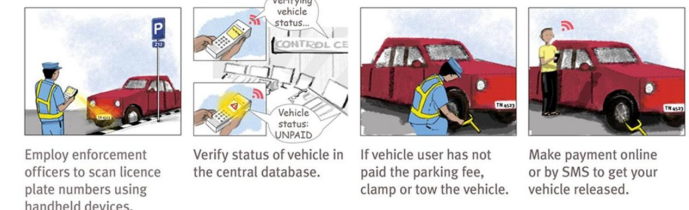


"APNI RANCHI": All-in-One Mobile Application

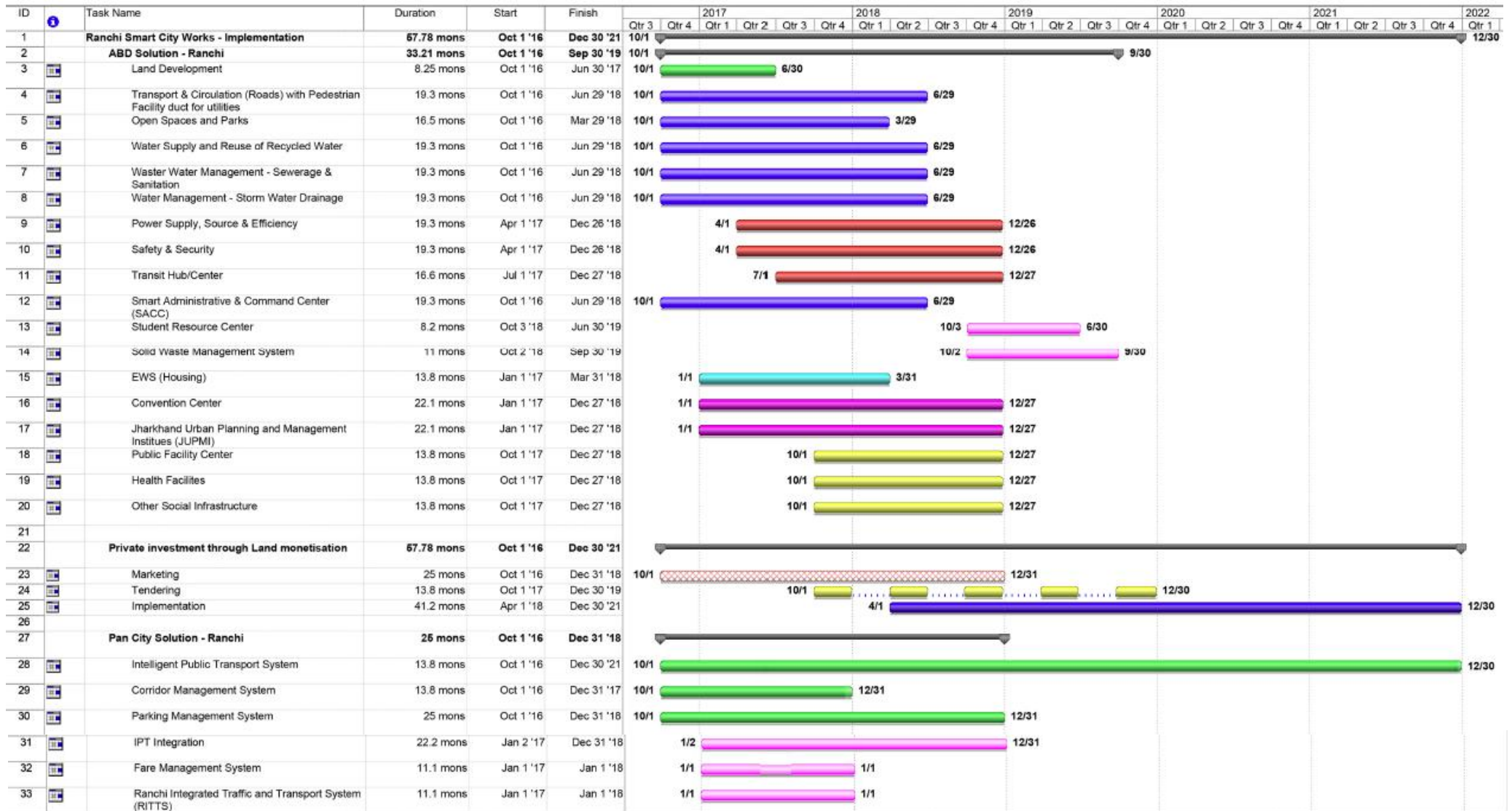
- City Information services
- Features like Passenger Information System, online municipal taxes payment system, all municipal services, social networking, grievance redressal
- Increase citizen engagement C-C, C-G, G-G platform
- Aiming to bring on-board 80% citizens of Ranchi on "APNI RANCHI" application

PARKING MANAGEMENT

- Customer Oriented Parking management system
- Disseminating information about parking through "APNI RANCHI" mobile app
- Payment through mobile based gateway



3.16 IMPLEMENTATION PLAN



Project Schedule

Task
Split

Progress
Milestone



Summary
Project Summary



External Tasks
External Milestone



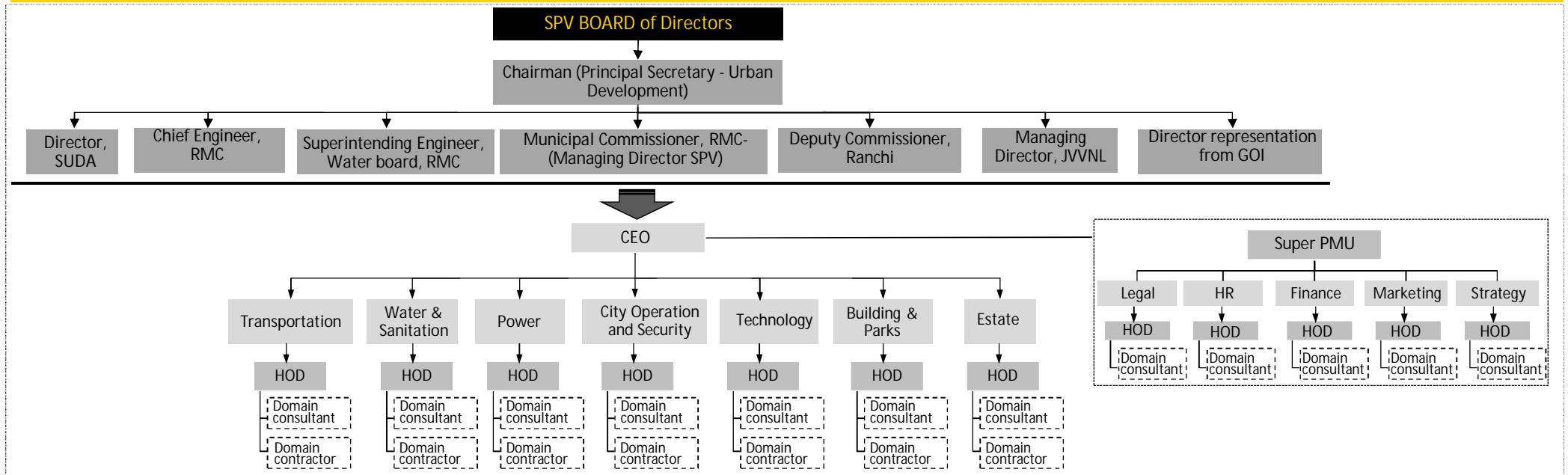
Deadline



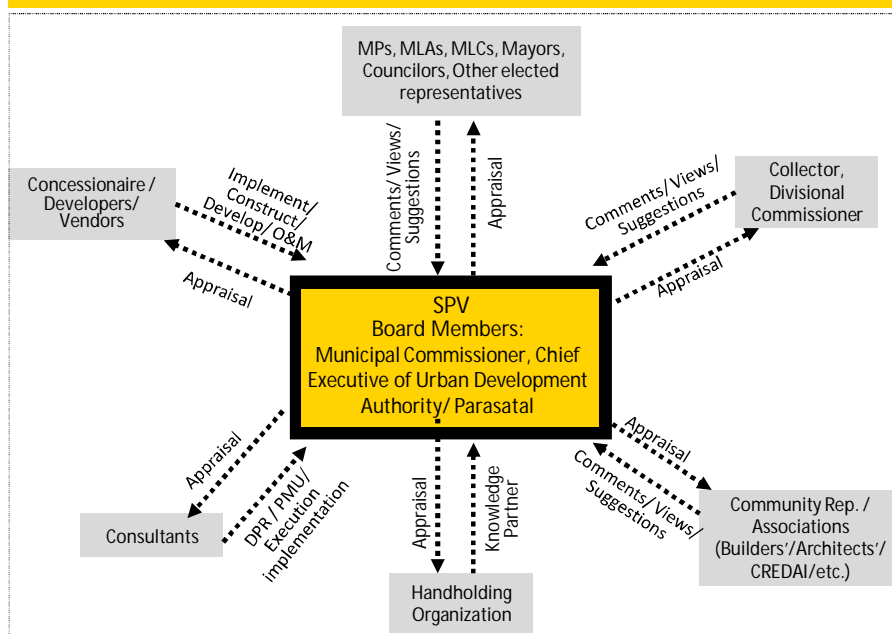
3.17 SPV STRUCTURE



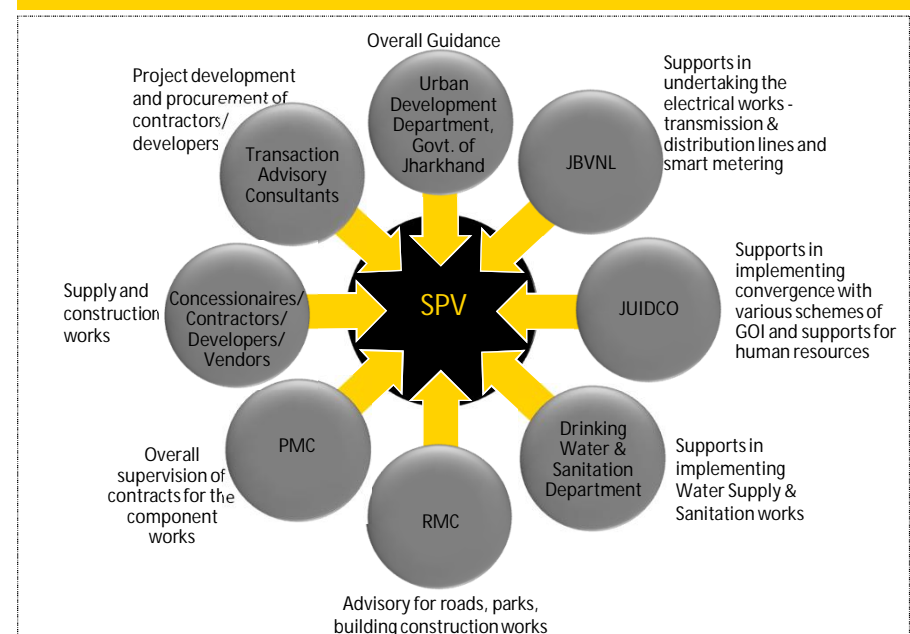
SPV Organogram



Stakeholder Roles: Organogram showing relationships



SPV Flowchart



3.18 FINANCIAL PLAN



Sr. No.	Project/Component	Cost in INR Cr	Capital Cost Phasing					Convergence- Gol Scheme		Smart City	JSUDP World Bank Fund	PPP	O&M Cost per Annum	Total O&M Cost for 10 years
			2016	2017	2018	2019	2020	Amount in Rs. Cr.	Name of the Scheme	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr
AREA BASED DEVELOPMENT PROPOSALS														
1	Land Development	60.19	20.06	40.13	0.00	0.00	0.00			60.19				
2	Transport & Circulation (Roads) with Pedestrian facility duct for utilities including gas line, power line, Optical fibre, provision for sewerage & drainage	209.83	10.49	136.39	62.95	0.00	0.00			209.83			4.20	41.97
3	Open Spaces & Parks (River Park , Eco Park, Lake harvest, Neighbourhood Park)	49.40	2.47	37.05	9.88	0.00	0.00	5.00	AMRUT	44.40			3.47	34.67
4	Water Supply and Reuse of Recycled Water	55.22	2.76	30.37	22.09	0.00	0.00	40.49	AMRUT	14.73			1.66	16.57
5	Waste Water Management -Sewerage & Sanitation	35.93	1.80	19.76	14.37	0.00	0.00	26.34	AMRUT	9.58			1.80	17.96
6	Water Management - Storm Water Drainage	7.76	0.39	4.27	3.11	0.00	0.00	5.69	AMRUT	2.07			0.39	3.88
7	Power Supply, Source & Efficiency	108.12	0.00	27.03	81.09	0.00	0.00	24.00	MNRE/ SOLAR City	84.12			6.49	64.87
8	Safety & Security	21.73	0.00	5.43	16.30	0.00	0.00			21.73			2.61	26.07
9	Transit Hhb/centre	184.10	0.00	55.23	128.87	0.00	0.00			124.10		60.00	8.95	89.50
10	Smart Administrative & Command Centre (SACC)	149.02	14.90	96.86	37.26	0.00	0.00	0.00		61.52	87.50		7.45	74.51
11	Student Resource Centre	88.42	0.00	29.47	58.94	0.00	0.00	0.00		88.42			4.42	44.21
12	Solid waste management system	5.00	0.00	1.25	3.75	0.00	0.00	1.00	SBM	4.00			0.15	1.50
13	EWS	38.84	0.00	31.07	7.77	0.00	0.00	19.13	PMAY	19.72			1.17	11.65
14	Convention Centre	230.00	0.00	126.50	103.50	0.00	0.00			69.00	161.00		6.90	69.00
15	Jharkhand Urban Planning and Management Institute (JUPMI)	95.00	0.00	52.25	42.75	0.00	0.00			28.50	66.50		2.85	28.50
16	Public Facility Centre	37.43	0.00	7.49	29.94	0.00	0.00			37.43			1.12	11.23
17	Health facilities	1.20	0.00	0.24	0.96	0.00	0.00			1.20			0.04	0.36
18	Other Social Infrastructure	20.00	0.00	4.00	16.00	0.00	0.00			20.00			0.60	6.00
A	Total Cost of Area Based Proposals in Rs. Lakhs	1,397.18	52.87	704.79	639.51	-	-	121.65		900.53	315.00	60.00	54.24	542.45
PAN CITY PROPOSALS														
1	Intelligent Public Transport System	15.60	1.56	9.14	0.00	0.00	0.00			10.70		4.9	0.80	8.00
2	Corridor Management System (Traffic)	21.09	2.11	18.98	0.00	0.00	0.00			21.09			1.05	10.55
3	Parking Management System	8.00	0.80	7.20	0.00	0.00	0.00			8.00			0.40	4.00
4	IPT Integration	2.70	0.00	2.70	0.00	0.00	0.00			2.70			0.13	1.35
5	Fare mangement system	1.70	0.00	1.70	0.00	0.00	0.00			1.70			0.08	0.84
6	Command & Control Centre (RITTS)	43.00	0.00	43.00	0.00	0.00	0.00			43.00			2.15	21.50
B	Total Cost of Pan City Proposals in Rs. Lakhs	92.09	4.47	82.72	-	-	-	0.00	0.00	87.19	0.00	4.90	4.62	46.24
	Grand Total (A+B) in Rs. Crore	1,489.27	57.34	787.51	639.51	-	-	121.65	-	987.72	315.00	64.90	58.87	588.68
C	Private Investments through Land Monetization	6645		17	1671	2679	2278							

3.18 FINANCIAL PLAN



S. No.	Activity/Component	Capex Required	Capital Cost Phasing					Convergence Grant	Smart City	Debt	PPP
			Year 1	Year 2	Year 3	Year 4	Year 5				
	AREA BASED DEVELOPMENT										
1	Land Development	60.19	20.06	40.13	-	-	-		60.19		
2	Transport & Circulation (Roads) with Pedestrian facility duct for utilities including gas line, power line, Optical fibre, provision for sewerage & drainage	209.83	10.49	136.39	62.95	-	-		209.83		
3	Open Spaces & Parks (River Park , Eco Park, Lake harvest, Neighbourhood Park)	49.40	2.47	37.05	9.88	-	-	5.00	44.40		
4	Water Supply and Reuse of Recycled Water	55.22	2.76	30.37	22.09	-	-	40.49	14.73		
5	Waste Water Management -Sewerage & Sanitation	35.93	1.80	19.76	14.37	-	-	26.34	9.58		
6	Water Management - Storm Water Drainage	7.76	0.39	4.27	3.11	-	-	5.69	2.07		
7	Power Supply, Source & Efficiency	108.12	-	27.03	81.09	-	-	24.00	84.12		
8	Safety & Security	21.73	-	5.43	16.30	-	-		21.73		
9	Transit Hhb/centre	184.10	-	55.23	128.87	-	-		124.10		60.00
10	Smart Administrative & Command Centre (SACC)	149.02	14.90	96.86	37.26	-	-	-	61.52	87.50	
11	Student Resource Centre	88.42	-	29.47	58.94	-	-	-	88.42		
12	Solid waste management system	5.00	-	1.25	3.75	-	-	1.00	4.00		
13	EWS	38.84	-	31.07	7.77	-	-	19.13	19.72		
14	Convention Centre	230.00	-	126.50	103.50	-	-		69.00	161.00	
15	Jharkhand Urban Planning and Management Institute (JUPMI)	95.00	-	52.25	42.75	-	-		28.50	66.50	
16	Public Facility Centre	37.43	-	7.49	29.94	-	-		37.43		
17	Health facilities	1.20	-	0.24	0.96	-	-		1.20		
18	Other Social Infrastructure	20.00	-	4.00	16.00	-	-		20.00		
	SUB-TOTAL	1,397.18	52.87	704.79	639.51	-	-	121.65	900.53	315.00	60.00
Pan City											
1	Intelligent Public Transport System	15.60	1.56	14.04	-	-	-	-	10.70		4.90
2	Corridor Management System (Traffic)	21.09	2.11	18.98	-	-	-	-	21.09		
3	Parking Management System	8.00	0.80	7.20	-	-	-	-	8.00		
4	IPT Integration	2.70	-	2.70	-	-	-	-	2.70		
5	Fare mangement system	1.70	-	1.70	-	-	-	-	1.70		
6	Command & Control Centre (RITTS)	43.00	-	43.00	-	-	-	-	43.00		
	SUB-TOTAL	92.09	4.47	87.62	-	-	-	-	87.19	-	4.90
	TOTAL	1,489.27	57.34	792.41	639.51	-	-	121.65	987.72	315.00	64.90

3.18 FINANCIAL PLAN



Source of Funds	2016-17	2017-18	2018-19	2019-20	Total
Smart City Mission	388.00	200.00	200.00	200.00	988.00
Convergence Grant	3.88	65.19	52.59	-	121.65
Capital Available	391.88	265.19	252.59	200.00	909.65
PPP	0.49	22.41	42.00	-	64.90
TOTAL	392.37	287.60	294.59	200.00	1,174.55

Total capital structure	
Grant	122
Equity	988
Debt	675
Total capital structure	1,785

Construction Cost	2016-17	2017-18	2018-19
Hard Cost	57	792	640
PMC Cost	2	24	19
Interest during Construction	-	10	41
Total Cost	59	826	699

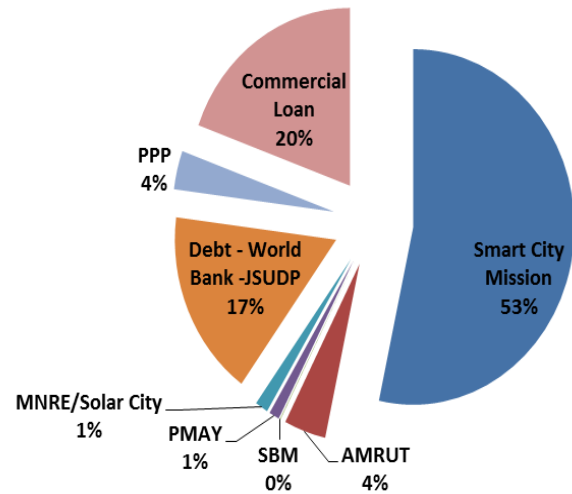
Capital structure phasing	2016-17	2017-18	2018-19	2019-20	Total
Equity	388.00	200.00	200.00	200.00	988.00
Debt	-	228.46	446.77		675.23
Grant	3.88	65.19	52.59		121.65
Total	59.06	826.47	699.36	200.00	1,784.89
Surplus Funds	332.81	-	0.00	-	

Profit & Loss Statement	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Taxes & Service Charges															
Holding Tax			10.19	20.38	20.38	20.38	20.38	20.38	21.40	21.40	21.40	21.40	21.40	22.47	22.47
Sewerage Tax			2.05	4.10	4.10	4.10	4.10	4.10	4.31	4.31	4.31	4.31	4.31	4.52	4.52
Smart City Cess			2.05	4.10	4.10	4.10	4.10	4.10	4.31	4.31	4.31	4.31	4.31	4.52	4.52
Water Charges			1.50	3.00	3.00	3.00	3.00	3.00	3.15	3.15	3.15	3.15	3.15	3.31	3.31
Sewage Water Recycling			1.04	2.07	2.17	2.28	2.40	2.52	2.64	2.77	2.91	3.06	3.21	3.37	3.54
SWM			1.37	2.74	2.88	3.02	3.17	3.33	3.50	3.67	3.86	4.05	4.25	4.46	4.69
Operational Revenue															
Land Monetization	-	224.92	224.92	224.92	74.97	-	-	-	-	-	-	-	-	-	-
Convention Center				9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47
Parking Fees			10.51	17.52	21.90	21.90	26.28	26.28	30.66	30.66	35.04	35.04	39.42	39.42	43.80
Urban Mobility	-	0.74	2.33	4.07	5.99	8.98	9.43	9.90	10.40	10.92	11.47	12.04	12.64	13.27	13.94
Advertisement	-	-	1.44	1.76	2.12	2.50	2.63	2.76	2.89	3.04	3.19	3.35	3.52	3.69	3.88
Rental Income	-	-	0.84	40.62	51.66	63.07	66.22	69.53	73.01	76.66	80.49	84.52	88.74	93.18	97.84
Park Ticketing			0.26	0.26	0.27	0.27	0.28	0.28	0.30	0.30	0.31	0.31	0.33	0.33	0.34
Total revenue	-	226	258	335	204	144	153	158	169	174	184	190	200	208	219

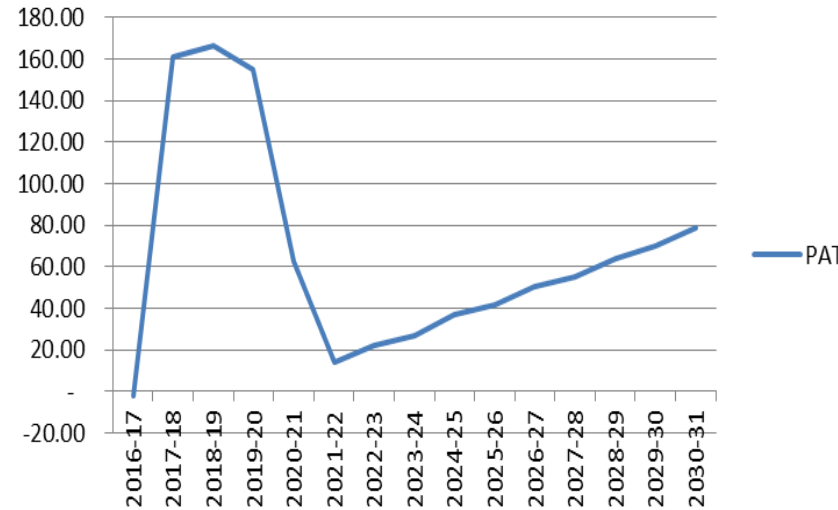
3.19 FINANCIAL PLAN



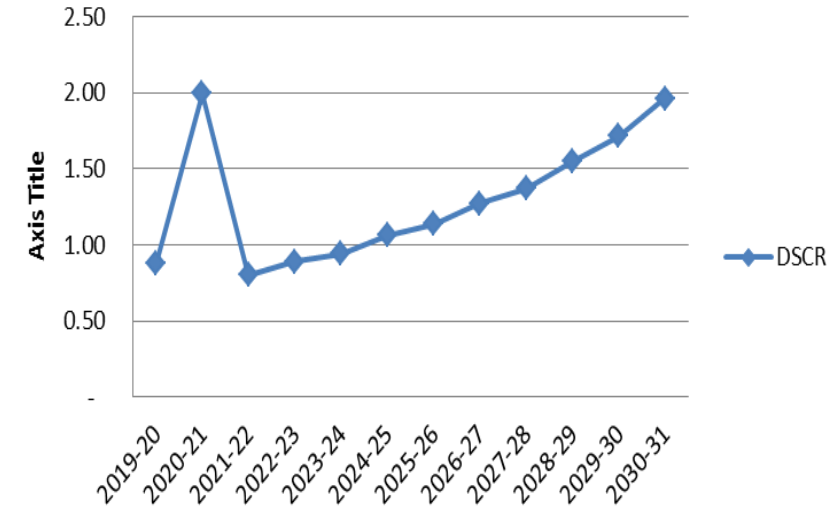
Sources of Fund - Ranchi SCP



PAT - Ranchi SCP



DSCR - Ranchi SCP



P&L Statement – Ranchi SCP (Figures in INR Crore)

Profit & Loss Statement	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Taxes & Service Charges															
Holding Tax			10.19	20.38	20.38	20.38	20.38	20.38	21.40	21.40	21.40	21.40	21.40	22.47	22.47
Sewerage Tax			2.05	4.10	4.10	4.10	4.10	4.10	4.31	4.31	4.31	4.31	4.31	4.52	4.52
Smart City Cess			2.05	4.10	4.10	4.10	4.10	4.10	4.31	4.31	4.31	4.31	4.31	4.52	4.52
Water Charges			1.50	3.00	3.00	3.00	3.00	3.00	3.15	3.15	3.15	3.15	3.15	3.31	3.31
Sewage Water Recycling			1.04	2.07	2.17	2.28	2.40	2.52	2.64	2.77	2.91	3.06	3.21	3.37	3.54
SWM			1.37	2.74	2.88	3.02	3.17	3.33	3.50	3.67	3.86	4.05	4.25	4.46	4.69
Operational Revenue															
Land Monetization	-	224.92	224.92	224.92	74.97	-	-	-	-	-	-	-	-	-	-
Convention Center				9.63	10.11	10.62	11.15	11.71	12.29	12.91	13.55	14.23	14.94	15.69	16.47
Parking Fees			10.51	17.52	21.90	21.90	26.28	26.28	30.66	30.66	35.04	35.04	39.42	39.42	43.80
Urban Mobility	-	0.74	2.33	4.07	5.99	8.98	9.43	9.90	10.40	10.92	11.47	12.04	12.64	13.27	13.94
Advertisement	-	-	1.44	1.76	2.12	2.50	2.63	2.76	2.89	3.04	3.19	3.35	3.52	3.69	3.88
Rental Income	-	-	0.84	40.62	51.66	63.07	66.22	69.53	73.01	76.66	80.49	84.52	88.74	93.18	97.84
Park Ticketing			0.26	0.26	0.27	0.27	0.28	0.28	0.30	0.30	0.31	0.31	0.33	0.33	0.34
Total revenue	-	226	258	335	204	144	153	158	169	174	184	190	200	208	219
Operational expenditure calculations															
Opex - ABD			27.12	54.24	56.95	59.80	62.79	65.93	69.23	72.69	76.32	80.14	84.14	88.35	92.77
Opex - Pan city			2.31	4.61	4.84	5.08	5.34	5.60	5.88	6.18	6.49	6.81	7.15	7.51	7.88
Manpower Cost	2.43	2.55	2.68	2.81	2.95	3.10	3.26	3.42	3.59	3.77	3.96	4.16	4.36	4.58	4.81
Total O&M expenses	2	3	32	62	65	68	71	75	79	83	87	91	96	100	105
Profit & Loss Statement															
Total Revenue	-	226	258	335	204	144	153	158	169	174	184	190	200	208	219
Total operational expenditure	2	3	32	62	65	68	71	75	79	83	87	91	96	100	105
EBITDA	-2	223	226	274	139	76	82	83	90	91	97	99	105	108	114
Depreciation	-	-	-	15	15	15	15	15	15	15	15	15	15	15	15
EBIT	-2	223	226	259	124	61	67	68	75	77	82	84	90	93	99
Interest	-	-	-	60	47	44	39	35	30	26	21	16	12	7	2
PBT	-2	223	226	198	77	17	27	33	45	51	61	68	78	86	97
Taxes	-	62	60	43	14	3	5	6	8	9	11	12	14	16	18
PAT	-2.43	160.74	166.55	155.10	62.53	14.08	22.37	27.11	36.78	41.63	50.11	55.06	63.66	70.09	78.81

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ANNEXURE 4

(Supporting documents, such as government orders, council resolutions, response to Question 33 may be annexed here)

S. No	Particulars	✓
1	Jharkhand Gazette Dated 15/7/15 regarding formation of HPSC Committee For Ranchi Smart City	✓
2	Office order of Ranchi Municipal commissioner Dated 1/10/2015 regarding "Formation of smart city cell"	✓
3	Resolution of HPSC vide letter 278 Dated 18/4/16 regarding approval of Smart city plan including Financial Plan	✓
4	Resolution of RMC Board vide letter no 1185 Dated 13/4/2016 regarding approval of Smart City Plan including Financial Plan	✓
5	Cabinet Resolution of Industries Department, GoJ vide letter no 944 dated 19/3/2016 regarding allotment of 341 acre of encumbrance free land for Smart City Project	✓
6	Letter from HEC vide letter no 819 Dated 24/11/15 to PS, Industries GoJ, for taking over 341 acre of HEC land.	✓
7	Minutes of meeting vide letter no 3692 dated 4/12/15 held on 2/12/15 under chairmanship of PS, Industries Department, GoJ regarding possession of 341 acre of land as part of HEC revival package 2009	✓
8	Resolution of RMC board vide letter no 4787 Dated 9/12/2015 regarding "Delegation of decision making powers available to the ULB under the municipal act/ Government rules to the Chief Executive Officer of the SPV." & "Delegation of the rights and obligations of the municipal council with respect to the Smart City project to the SPV."	✓
9	Resolution of UD & HD GoJ vide letter no 1597 dated 21/3/16 regarding the formation of Jharkhand Urban Planning and Management Institute (JUPMI)	✓
10	Cabinet Resolution of UD & HD vide letter no 4484 Dated 4/12/2015 regarding "Delegation of decision making power of UDD to the Board of Directors of the SPV"	✓
11	Cabinet Resolution of UD & HD vide letter no 4485 Dated 4/12/2015 regarding Delegating the matters that require the approval of the State Government to the State Level High Powered Steering Committee (HPSC) for Smart Cities.	✓
12	Minutes of Meeting vide letter no 1586 Dated 21/3/16 between Principal Secretary, UD & HD and Delegates of World Bank regarding Funding of Jharkhand Sustainable Urban Development Program (JSUDP)	✓
13	Costing for the Components of Area Based Development	✓
14	Implementation plan for Private Investments coming in ABD Area	✓
15	Costing for components of PAN CITY	✓
16	Assumptions for Revenue calculations for Financial Plan	✓
17	Commitment vide letter no 603 Dated 7/12/15 from Jharkhand Vidyut Vitaran Nigam Limited to support Ranchi Smart city Project and Convergence under IPDS scheme	✓
18	Commitment vide letter no 262 Dated 10/12/2015 from Jharkhand Urban Infrastructure Development Company Ltd.(JUICO.) to support Ranchi Smart City Project	✓
19	Commitment vide letter no 5187 Dated 7/12/2015 from Drinking Water and Sanitation Department (DWSD) to support Ranchi Smart City Project	✓
20	Commitment vide letter no 996 Dated 11/12/2015 from Jharkhand Renewable Energy Development Agency (JREDA) to support Ranchi Smart City Project	✓

S. No	Particulars	✓
21	Commitment vide letter no RMPL 10 Dated 8/12/2015 from Ranchi MSW Pvt. Ltd. to support Ranchi Smart City Project	✓
22	Concession Agreement regarding Solid Waste Management Dated 31/10 /2015 with Ranchi MSW Pvt. Ltd.	✓
23	Expression of Interest Dated 10/10/2015 regarding Developing IT Parks by Infinity Infotech Parks Limited	✓
24	Expression of Interest Dated 8/3/2016 to Setup Skill College by “Venture Skill India Pvt. Ltd.”	✓
25	Expression of Interest Dated 3/3/2016 to setup Skill Development Center by “Satyendra Narayan Sinha Institute of Business Management”	✓
26	Expression of Interest Dated 30/11/2016 regarding Skill Development University by “Team Lease”	✓
27	Expression of Interest Dated 30/11/2016 to Setup Hotel by Rameshwaram Hospitalities Pvt. Ltd.	✓
28	Expression of Interest Dated 30/11/2016 regarding establishment of Private University under Department of Higher and Technical Education by AISECT	✓
29	Expression of Interest Dated 02/04/2016 regarding establishment of Kids School by MENSA Educational Trust	✓
30	Expression of Interest Dated 29/02/2016 regarding Plot Allocation to establish University by Pragyan Foundation	✓
31	Expression of Interest Dated 26/2/2016 regarding establishment of Amity University in Ranchi by “Ritnand Balved Education Foundation”	✓
32	Expression of Interest Dated 10/11/2015 regarding Plot Allocation to setup Senior Level School by “Tender Heart Senior Secondary School”	✓
33	Expression of Interest Dated 15/03/2016 regarding establishment of Five Star Hotel and Shopping Mall by “SHRIRAM OZONE”	✓
34	Expression of Interest Dated 10/10/2015 regarding Development of Residential and Commercial Plots for Smart City Project by “Pranami Group”	✓
35	Report of Police Department regarding Measure taken for Woman Safety in Ranchi vide no 2228 Dated 15/3/2016	✓
36	Report of RMC regarding Income of Ranchi Municipal Corporation for last 3 years	✓
37	Attendance sheets for Citizen Consultation	✓
38	Brochures used for Citizen Consultation	✓
39	Questionnaire formats for Citizen Consultation	✓
40		

Annexure 4.1

Jharkhand Gazette Dated 15/7/15 regarding
formation of HPSC Committee For Ranchi Smart City



झारखण्ड गजट

असाधारण अंक

झारखण्ड सरकार द्वारा प्रकाशित

संख्या 521 राँची, बुधवार

24 आषाढ़, 1937 (श०)

15 जुलाई, 2015 (ई०)

नगर विकास विभाग

अधिसूचना

13 जुलाई, 2015

संख्या-- 06A/न0वि0/SCM-01/2015-....2433-- शहरी विकास मंत्रालय, भारत सरकार द्वारा "स्मार्ट सिटी मिशन" नामक योजना प्रारम्भ की गई है। प्राप्त दिशानिर्देश के अनुसार, इस योजना के तहत झारखण्ड राज्य के एक शहर को "Smart City" के रूप में 2019-20 तक विकसित करने का लक्ष्य है।

उक्त योजना के कार्यान्वयन तथा स्मार्ट सिटी के चयन से लेकर सम्पूर्ण कार्यवाई एवं अनुश्रवण हेतु मुख्य सचिव, झारखण्ड सरकार की अध्यक्षता में एक High Powered Steering Committee (HPSC) का गठन निम्नांकित रूप से किया जाता है:-

1	Chief Secretary	Chairperson
2	Representative of MoUD, Gol	Member
3	Principal Secretary, Finance	Member
4	Principal Secretary, Planning	Member

5	Secretary, DW & SD	Member
6	Director, Municipal Administration	Member
7	Managing Director, JUIDCO Ltd.	Member
8	Mayor/Chairperson & Municipal Commissioner/CEO/EO of the selected city (As & when selected)	Member
9	CEO of SPVs in the state (As & when it is formed)	Member
10	Engineer in Chief, DW & SD	Member
11	Principal Secretary/Secretary, Urban Development Deptt. cum State Mission Director	Member Secretary

उपर्युक्त उच्चाधिकार समिति के निम्नलिखित कार्य एवं दायित्व होंगे:-

- Provide guidance to the Mission and provide State level platform for exchange of ideas pertaining to development of Smart Cities.
- Oversee the process of first stage intra-State competition on the basis of Stage 1 criteria.
- Review the SCPs and send to the MoUD for participation in the Challenge.

उच्चाधिकार समिति के गठन के प्रस्ताव पर मा. मुख्यमंत्री, झारखण्ड सरकार का अनुमोदन प्राप्त है।

झारखण्ड के राज्यपाल के आदेश से,
अजय कुमार सिंह,
सरकार के सचिव।

Annexure 4.2

Office order of Ranchi Municipal commissioner Dated
1/10/2015 regarding "Formation of smart city cell"

कार्यालय, राँची नगर निगम, राँची। (Smart City Cell)

कार्यालय आदेश सं० :

दिनांक:

कार्यालय आदेश

राँची नगर निगम अन्तर्गत अवोहस्ताक्षरी के अध्यक्षता में निम्नरूपेण Smart City Cell का गठन किया जाता है, ताकि संचिकाओं का निष्पादन एवं निरूपण ठीक से हो सके -

1. श्री राम लखन प्रसाद गुप्ता, अपर नगर आयुक्त।
2. श्री प्रमोद कुमार, कार्यपालक अभियंता, जलापूर्ति शाखा।
3. श्री नागेन्द्र दुबे, शाखा प्रभारी, विद्युत शाखा।
4. श्री राजेश कुमार, प्रोग्रामर, राँची नगर निगम, राँची।
5. श्री किन्सुक कुमार, RAY Cell, राँची नगर निगम, राँची।
6. सुश्री पुजा, RAY Cell, राँची नगर निगम, राँची।
7. श्री राजेश कुमार, प्रोग्रामर, राँची नगर निगम, राँची।
8. ✓ श्री अमित कुमार, RAY Cell, राँची नगर निगम, राँची।
9. श्री जी० एस० राणा, NULM Cell, राँची नगर निगम, राँची।
10. श्री विकास कुमार, NULM Cell, राँची नगर निगम, राँची।
11. श्री विनोद रंजन, NULM Cell, राँची नगर निगम, राँची।
12. श्रीमति मीरा प्रसाद, NULM Cell, राँची नगर निगम, राँची।


प्रशान्त कुमार
नगर आयुक्त,
राँची नगर निगम, राँची।

Annexure 4.3

Resolution of HPSC vide letter 278 Dated 18/4/16
regarding approval of Smart city plan including
Financial Plan

Urban Development & Housing Department

Minutes of the meeting of 3rd HPSC meeting under the chairmanship of Chief Secretary, Jharkhand held for approval of Smart City Proposal prepared by Ranchi Municipal Corporation on 11.04.2016.

Attendance:-

1. Chief Secretary, Jharkhand
2. Principal Secretary, Urban Development & Housing Department
3. Secretary, Planning-cum-Finance Department
4. Municipal Commissioner, Ranchi Municipal Corporation
5. Mayor, Ranchi Municipal Corporation
6. Director, State Urban Development Agency (SUDA)
7. Engineer-in-Chief, Drinking Water & Sanitation Department

Chief Secretary, Jharkhand welcomed all the present officials in the meeting. A presentation on Smart City Proposal (SCP) was presented by Municipal Commissioner, RMC. He gave an outline of the MOUD's observations for Ranchi SCP submitted in December 2015, Ranchi's selection under Fast track round and briefed them about the purpose of the meeting. Following are the major points discussed during the meeting:

1. Citizen consultation

As part of the Smart City Mission, RMC had conducted multiple talk-shows with different sections of the society, including Government and private school students, college students from management institutes, Architecture and Engineering colleges; NGOs; Slum dwellers; elected representatives-MP/ MLAs/ Mayor/ Dy. Mayor; Traders association; Builders' Association; Architects' association; Bar association; PSUs, and other government Departments. As part of fast track round additional consultations were held especially targeting students from premier schools and colleges, parents, coaching institutes and industries. This enabled the team to understand citizen's aspirations from the city and arrive at the vision for developing Ranchi, while addressing the most pertinent needs of the society.

To ensure interaction across all the groups / different strata; mix mode of interaction was adopted. This includes One-to-one interactions, talk shows, focus group discussion and mass dissipation of information through Radio jingles and mobile vans. Information was collected through online polls, emails and structured questionnaire. To increase the outreach and to increase citizen's participation PR Agencies have been hired and multiple events are conducted at prominent locations. Overview of citizen interaction:

- Number of talk shows conducted = ~40
- Participation in talk shows = Between 30 -100 people
- Number of structured (hard-copy) questionnaire filled = 80,000 (~8% population covered)
- Number of brochures/ Pamphlets distributed = >1.5 Lakh

- Mobile Vans/ Smart Raths = 5 vans covered 55 wards for 10 days and staged Nukkad-Natak at 110 locations in the city
- Radio Jingles = Played >500 times during SCP preparation period
- 2420 Online & offline essay competition submission
- >30,000 facebook likes
- ~100 responses on MyGov
- >50 Newspaper articles
- ~55,000 ward level polling

1.1 Strategic Focus, Vision & Goals

During the talk shows SWOT analysis (Analysis of Strengths, Weakness, Opportunities and Threats) for the city was conducted with the citizens to understand citizens' perspective and aspirations for city development. This helped in framing the strategic focus & blueprint for city's development. Vision Statement arrived at based on the city analysis is:

"Ranchi to be a learning & Knowledge hub of Eastern India that provides sustainable and vibrant environment to its citizens, by addressing their socio-economic needs by leveraging its knowledge institution ecosystem"

To improve the Quality of Life of the citizens four thrust areas have been identified, which are further divided into 10 Strategic Direction and 14 Goals.

I. Thrust Area I- Provision of adequate physical and social infrastructure

a. Strategic Direction 1- Strengthen & improve core infrastructure facilities

- Goal 1 - Meet 100% Service Level Benchmark (SLBs) defined by MOUD for citizen services

b. Strategic Direction 2 - Enhance Mobility

- Goal 2- Dedicated space for NMT mode and at least 50% modal share for public transport
- Goal 3 - Legal changes to regulate traffic movement

c. Strategic Direction 3 - Preserve and develop natural resources and other open spaces

- Goal 4- Increase open spaces in the city and make them accessible within 10 min walking distance for every residential area and work place

d. Strategic Direction 4 - Enhanced safety & security

- Goal 5- High level of safety & security such that citizens feel safe across the city at any given hour

e. Strategic Direction 5 - Provision of supporting social infrastructure

- Goal 6- Increased focus on affordable housing - LIG and MIG categories
- Goal 7- Adequate health facilities with easy access from residential areas and job centres

II. Thrust Area II: Ensure Socio-Economic Development of the City

a. Strategic Direction 6 - Focus on knowledge based economic growth

- Goal 8- Create >15,000 seats for higher education facility
- Goal 9 - Creation of more than 2 lakh jobs in the city

Handwritten signatures and initials.

III. THRUST AREA III – Fiscal sustainability

a. Strategic Direction 7 – Revenue maximization through outsourcing

- i. Goal 10– Enhance tax net and revenue collection through Outsourcing to private vendor and use of ICT

b. Strategic Direction 8 - Legal changes to improve tax collection

- i. Goal 11– 100% inclusion of properties in the tax net and increase in revenue

IV. Thrust Area 4 - Smart Urban Management of the City

a. Strategic Direction 9 - Smart urban form

- i. Goal 12– Adoption of Mix land use and TOD concepts in all future developments

b. Strategic Direction 10 - Smart Governance

- i. Goal 13– Availability of 100% citizen services through a common online & offline platform
- ii. Goal 14– Integrate ICT in city management and planning operations

2. Area Based Development

As part of Smart City Mission, an area within Municipal limits needs to be developed on Smart City guidelines. One or mix of following development options needs to be adopted for shortlisting the area:

- Option 1 – Redevelopment Mode: 50 acres of land parcel to be re-constructed on Smart city principles
- Option 2 – Retrofitting Mode: Smart city features to be infused in an already developed area spread over 500 acres
- Option 3 – Greenfield Development: Minimum 250 acres of vacant land parcel to be selected for developing a model Smart city

Area selected should be contiguous and meet above mentioned conditions, to be eligible for Area-Based Development (ABD). Online and Offline Polling was conducted with different groups to select the area for development. Following options were given for polling:

- Harmu Housing Colony and surrounding (550 acres) – Retrofitting
- Bariyatu Housing Colony and surrounding (600 acres)- Retrofitting
- Morhabadi Area(521 acres)- Retrofitting
- Heavy Engineering Corporation (HEC) (341 acres) - Greenfield

Greenfield site at HEC received majority of votes, from both online (55% votes) and offline (63%) mediums. This site was hence selected for development.

3.1 Strengths of Greenfield site

- Proximity to Hatia Railway station and Birsa Munda International Airport
- Availability of natural corridors within site boundary
- Good connectivity with 2 highways at the site peripheral.
- Surrounded by a mixture of residential, it industries and government offices
- Availability of land for development

3.2 Possession of the Greenfield site

The site selected for Greenfield development was in HEC possession and procedure for transfer of land for the project has been completed as per following resolutions/ documents:

- Meeting under Chairmanship of Principal Secretary - Industries on taking possession of 341 acres of land as part HEC Revival [package 2009 (Memo No. 3692 / Ranchi 04/12/2015)]
- Letter to Chairman cum Managing Director from Principal. Secy. Cum Investment Commissioner for 'Willingness of Govt. of Jharkhand to take possession of 341 acres of vacant land belonging to HEC'
- Resolution taken by Industries Department for transfer of HEC land for Ranchi Smart City Project, as part of HEC's Revival Package [Memo No.144/Ranchi/Dated 19/03/2016]

Following components were proposed on the site for developing the Smart City as Knowledge hub

Land-use	S.No.	Component	%age	Area (Acres)	Component Area (Acres)
Institutional (27.45%)	1	Skill Development Park	7%	6.9	97.6
	2	Student Resource Centre	1%	1	
	3	Technical College	15%	14.6	
	4	JUMPI	8%	7.5	
	5	University (Campus)	52%	51.3	
	6	Other institutes	17%	16.3	
Residential (13.7%)	7	EWS/LIG	13%	6.3	48.7
	8	MIG	55%	26.5	
	9	HIG	13%	6.6	
	10	Hostels	19%	9.3	
Commercial (7.85%)	11	Convention centre	36%	10	27.9
	12	Hotel	18%	5	
	13	Commercial Centre	10%	2.9	
	14	Mall (Retail + commercial)	21%	5.8	
	15	Vending Zone A	11%	3.0	
	16	Neighbourhood Center	4%	1.2	
Public/	17	Government offices	57%	10.3	19.1

Land-use	S.No.	Component	%age	Area (Acres)	Component Area (Acres)
Semi-Public (10%)	18	Public facility Centre	20%	3.7	
	19	STP	10%	2.3	
	20	Substation & Utilities	13%	2.8	
MIX Use (10.41%)	21	Mix land use	77%	28.5	37
	22	Transit Hub	23%	8.5	
Mandatory	16	Transport & Circulation	25.57%	90.90	156.37
	17	Open Spaces & Parks	18.41%	65.46	
TOTAL AREA				341	

3.3 Smart features proposed on the site

A. Public Utilities

i. Water-Supply

- Rain water harvesting and Dual-Water pipeline to ensure Re-cycle & Re-use
- IOT technology to ensure water quality and for auto-maintenance alerts
- Smart meters

ii. Sewerage & Sanitation

- Sewerage Treatment Plants (STPs) of 7 MLD are proposed on the site, to promote Zero disposal from the site
- Smart Public / Bio-toilets shall be provided in the site. Using IOT technology, mobile app shall be developed indicating the location & occupancy details of such toilets on the site. It will also be used to remotely control maintenance schedules, cleanliness checks and Pay & Use facility

iii. Smart Solid Waste Management

- Reduce Recycle initiatives
- GPS enabled e-Rickshaw
- Waste to Energy plant at city level
- Sensor enabled Smart waste bins at neighbourhood level

iv. Drainage

Two ponds / reservoirs are proposed at the site to collect the storm water through surface drainage system. These ponds shall be linked through IOT technology that would create alert, if there is an increase in water level in any of the ponds and through SCADA system water shall be auto-pumped from primary pond to secondary pond. The sensors shall also provide information on the pollution levels in the pond, and generate auto-alert for its maintenance

v. Electricity / Lighting

- Solar energy to be used for meeting at-least 20% of electricity needs
- Underground cabling
- Smart meter / Net meter
- Solar Street Lights

B. Transport & Circulation

i. Intelligent Transportation System (ITS)

- Traffic control and management center
- Disaster recovery center
- Incident detection system
- Adaptive signal control of at-grade intersections
- CCTV-camera system
- Traffic information system with variable message signs
- Speed and redlight violation cameras
- Parking management system
- IOT technology for preventive road maintenance
- Air quality monitoring system

ii. e-Rickshaw, e-Shuttle and Public bicycle sharing

- Public bicycle stands at major / imp locations
- Docking system releasing rental bikes for a card or key.

C. IT Network & Connectivity

- Optic Fibre
- Wi-Fi hotspots

D. Command & Control Centre

- Central control room for analytics and management of the Intelligent IT systems proposed on the site

3. Pan-city solution

- Public Transport Management System
- Corridor Management (Traffic) System
- Parking Management System
- Intermediate Para Transit (IPT) Integration
- Fare management system for real time monitoring and payment management
- Centralized Command & Control Centre

4. Risk associated and its mitigation:

Following table enlists the risks and its mitigation measures associated with the project:

S.No.	Risk	Likelihood	Impact	Mitigation
1.	Execution Risk: Such scale of execution needs high governance and skill.	Moderate	Delay in project execution; significant cost and time overruns; potential of investments being unable to create the right impact due to poor execution	<ul style="list-style-type: none">• Inclusion of relevant parastatal bodies in governing body.• Robust Organisation structure which has a mix of technocrat and managerial competency• Robust procurement processes in order to procure right vendors/contractors at right value.

2.	Market Risk	Moderate	Anchors for the knowledge hub viz. technical and management institute don't show the appetite.	Marketing of the product has already been started and intent of many private and Government institutions has already been received.
3.	Private Investment	Moderate	Through the ABD public investment Ranchi aims to leverage private investments to the tune of Rs.6600 Crores.	The demand for real estate and core area has been assessed and intent from the private partners like real estate, hospitality sector, medical institutions have already been received.
4.	Participation: There may be resistance from IPT owners for installation of tracking devices and private parking owners.	Moderate	Moderate impact which would decrease as the benefits start accruing to the citizens and stakeholders	Enabling regulation (mandatory with permits) to be formulated. Smart Parking policy to incorporate regulation of private parking.
5.	Lack of awareness among citizens	Moderate	The success depends upon citizen participating/using the services	IEC activities to make the citizens aware of the services. User friendly mobile App to keep the citizens informed and connected.

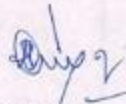
5. Financial:

- a. **Estimated capital Cost:** The total estimated capital cost of the project is Rs. 1489.27 Crore of which the area based solution – Greenfield development of 341 acres into a knowledge hub is Rs. 1397.18 Crore whereas the cost of Pan City solution is 92.09 Crore. (Annexure attached for Detailed cost breakup)
- b. **Sources of Funds:** The funds available for funding shall be from Smart city Mission shall be Rs. 987.72 Crore and convergence from other schemes namely AMRUT, PMAY, SBM, MNRE is Rs.121.65 Crores. It has been also proposed to utilise the Jharkhand State Urban Development Project (JSUDP) fund to the tune of Rs.315.00 Crore and the balance of Rs. 64.9 Crores is met through private investment through PPP mode.
- c. The SPV would leverage private investment of Rs.6500 crores. Land monetisation of around 194 acres shall be done in a phased manner so as to tap the upside potential of the investment and it is expected that an amount of Rs. 776.00 Crores shall be received which the SPV shall use for replicating smart features in other parts of the Municipal corporation.

Financial Plan of Smart City Proposal is enclosed as Annexure-I

All members of HPSC expressed their satisfaction to above facts and HPSC approved the Smart City Proposal of Ranchi. It was instructed for timely submission of SCP to MoUD, Government of India.

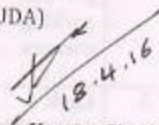
The meeting ended with vote of thanks to the Chair.


(Rajbala Verma)
Chief Secretary,
Jharkhand

Memo no. :- 06A/नं० वि०/SCM-01/2015-278..... Ranchi/ Dated 18-04-2016

Copy to:

1. Private Secretary to Chief Secretary, Jharkhand
2. All members of HPSC
3. Director, State Urban Development Agency (SUDA)


(Arun Kumar Singh)
Pr. Secretary to Govt.

FINANCIAL PLAN - ABSTRACT

Sr. No.	Project/Component	Cost in INR Cr	Capital Cost Phasing					Convergence- Gol Scheme		Smart City	JSUDP World Bank Fund	PPP	O&M Cost per Annum in Rs Cr	Total O&M Cost for 10 years Amount in Rs. Cr
			2016	2017	2018	2019	2020	Amount in Rs. Cr.	Scheme	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr	
AREA BASED DEVELOPMENT PROPOSAL														
1	Land Development	60.19	20.06	40.13	0.00	0.00	0.00			60.19				
2	Transport & Circulation (Roads) with Pedestrian facility duct for utilities including gas line, power line, Optical fibre, provision for sewerage & drainage	209.83	10.49	136.39	62.95	0.00	0.00			209.83			4.20	41.97
3	Open Spaces & Parks (River Park, Eco Park, Lake harvest, Neighbourhood Park)	49.40	2.47	37.05	9.88	0.00	0.00	5.00	AMRUT	44.40			3.47	34.67
4	Water Supply and Reuse of Recycled Water	55.22	2.76	30.37	22.09	0.00	0.00	40.49	AMRUT	14.73			1.66	16.57
5	Waste Water Management - Sewerage & Sanitation	35.93	1.80	19.76	14.37	0.00	0.00	26.34	AMRUT	9.58			1.80	17.96
6	Water Management - Storm Water Drainage	7.76	0.39	4.27	3.11	0.00	0.00	5.69	AMRUT	2.07			0.39	3.88
7	Power Supply, Source & Efficiency	108.12	0.00	27.03	81.09	0.00	0.00	24.00	MNRE/ SOLAR City	84.12			6.49	64.87
8	Safety & Security	21.73	0.00	5.43	16.30	0.00	0.00			21.73			2.61	26.07
9	Transit Hbb/centre	184.10	0.00	55.23	128.87	0.00	0.00			124.10		60.00	8.95	89.50
10	Smart Administrative & Command Centre (SACC)	149.02	14.90	96.86	37.26	0.00	0.00	0.00		61.52	87.50		7.45	74.51
11	Student Resource Centre	88.42	0.00	29.47	58.94	0.00	0.00	0.00		88.42			4.42	44.21
12	Solid waste management system	5.00	0.00	1.25	3.75	0.00	0.00	1.00	SBM	4.00			0.15	1.50

Sr. No.	Project/Component	Cost in INR Cr	Capital Cost Phasing					Convergence- Gol Scheme		Smart City	ISUDP World Bank Fund	PPP Amount in Rs. Cr	O&M Cost per Annum in Rs. Cr	Total O&M Cost for 10 years Amount in Rs. Cr
			2016	2017	2018	2019	2020	Amount in Rs. Cr.	Scheme					
13	EWS	38.84	0.00	31.07	7.77	0.00	0.00	19.13	PMAY	19.72			1.17	11.65
14	Convention Centre	230.00	0.00	126.50	103.50	0.00	0.00			69.05	161.00		6.90	69.00
15	harkhand Urban Planning and Management Institute (IUPMI)	95.00	0.00	52.25	42.75	0.00	0.00			20.50	66.50		2.85	28.50
16	Public Facility Centre	37.43	0.00	7.49	29.94	0.00	0.00			37.43			1.12	11.23
17	Health facilities	1.20	0.00	0.24	0.96	0.00	0.00			1.20			0.04	0.36
18	Other Social Infrastructure	20.00	0.00	4.00	16.00	0.00	0.00			20.00			0.60	6.00
Total Cost of Area Based Proposals in Rs. Lakhs		1,397.18	52.87	704.79	639.51	-	-	121.65		900.53	315.00		54.24	542.45
PAN CITY PROPOSALS														
1	Intelligent Public Transport System	15.60	1.56	14.04	0.00	0.00	0.00			10.70		4.9	0.80	8.00
2	Corridor Management System (Traffic)	21.09	2.11	18.98	0.00	0.00	0.00			21.09			1.05	10.55
3	Parking Management System	8.00	0.80	7.20	0.00	0.00	0.00			8.00			0.40	4.00
4	IPT Integration	2.70	0.00	2.70	0.00	0.00	0.00			2.70			0.13	1.35
5	Fare management system	1.70	0.00	1.70	0.00	0.00	0.00			1.70			0.08	0.84
6	Command & Control Centre (RITTS)	43.00	0.00	43.00	0.00	0.00	0.00			43.00			2.15	21.50
B	Total Cost of Pan City Proposals in Rs. Lakhs	92.09	4.47	87.62	-	-	-	0.00	0.00	87.19	0.00		4.62	46.24
Grand Total (A+B) in Rs. Lakhs		1,489.27	57.34	792.41	639.51	-	-	121.65		987.72	315.00		58.87	588.68
C	Private Investments through Land Monetization	6645		17	1671	2679	2278							

Annexure 4.4

Resolution of RMC Board vide letter no 1185 Dated
13/4/2016 regarding approval of Smart City Plan
including Financial Plan

रांची नगर निगम बोर्ड की विशेष बैठक की कार्यवाही विवरणी।

संदर्भ :- कार्यालय पत्रांक 1125 दिनांक 08.04.2016

बैठक का स्थान :- रांची नगर निगम सभा कक्ष

बैठक का तिथि एवं समय :- दिनांक 11.04.2016, पूर्वाह्न 11.00 बजे से

उपस्थिति :-

क्रमांक	नाम	पदनाम	हस्ताक्षर
1	श्रीमती आशा लकड़ा	महापौर	ह0/-
2	श्री संजीव विजयवर्गीय	उप महापौर	ह0/-
3	श्रीमती किरण देवी	पार्षद, वार्ड नं0- 42	ह0/-
4	श्रीमती रीता मुण्डा	पार्षद, वार्ड नं0- 48	ह0/-
5	श्रीमती सुधा देवी	पार्षद, वार्ड नं0- 04	ह0/-
6	डा0 साजदा खातुन	पार्षद, वार्ड नं0- 27	ह0/-
7	श्रीमती सुचिता रानी राय	पार्षद, वार्ड नं0- 41	ह0/-
8	श्रीमती सबिता कुजूर	पार्षद, वार्ड नं0- 38	ह0/-
9	श्रीमती सबिता लिण्डा	पार्षद, वार्ड नं0- 54	ह0/-
10	श्रीमती सुनिता देवी	पार्षद, वार्ड नं0- 32	ह0/-
11	श्रीमती सुमन देवी	पार्षद, वार्ड नं0- 40	ह0/-
12	श्रीमती सबा नाज	पार्षद, वार्ड नं0- 24	ह0/-
13	सुश्री कुमारी मारग्रेट	पार्षद, वार्ड नं0- 51	ह0/-
14	श्रीमती संगीता देवी	पार्षद, वार्ड नं0- 08	ह0/-
15	श्रीमती सुनिता तिकी	पार्षद, वार्ड नं0- 01	ह0/-
16	श्रीमती नाजिमा रजा	पार्षद, वार्ड नं0- 16	ह0/-
17	श्रीमती शशि सिंह	पार्षद, वार्ड नं0- 47	ह0/-
18	श्रीमती संध्या रानी गुहा	पार्षद, वार्ड नं0- 13	ह0/-
19	श्रीमती कविता सांगा	पार्षद, वार्ड नं0- 49	ह0/-
20	श्री राजेश कुमार	पार्षद, वार्ड नं0- 39	ह0/-
21	श्री बासुदेव टोप्पो	पार्षद, वार्ड नं0- 53	ह0/-
22	श्री ओम प्रकाश	पार्षद, वार्ड नं0- 30	ह0/-
23	श्री अजित उरांव	पार्षद, वार्ड नं0- 45	ह0/-
24	श्री धर्मू लिण्डा	पार्षद, वार्ड नं0- 55	ह0/-
25	श्री श्रवण कुमार महतो	पार्षद, वार्ड नं0- 20	ह0/-
26	श्री अशोक खलखो	पार्षद, वार्ड नं0- 06	ह0/-
27	श्री अशोक कुमार बड़ाईक	पार्षद, वार्ड नं0- 28	ह0/-
28	श्रीमती जेरमिन टोप्पो	पार्षद, वार्ड नं0- 15	ह0/-
29	श्रीमती रोशनी खलखो	पार्षद, वार्ड नं0- 21	ह0/-
30	श्री मो0 सलाउद्दीन	पार्षद, वार्ड नं0- 17	ह0/-
31	श्री सुरेन्द्र राम नायक	पार्षद, वार्ड नं0- 02	ह0/-

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32	श्री मो0 असलम	पार्षद, वार्ड नं0- 25	ह0/-
33	श्री अशोक यादव	पार्षद, वार्ड नं0- 33	ह0/-
34	श्री अरुण कुमार झा	पार्षद, वार्ड नं0- 37	ह0/-
35	श्री गुलाम सरवर रिजवी	पार्षद, वार्ड नं0- 18	ह0/-
36	श्रीमती आशा देवी गुप्ता	पार्षद, वार्ड नं0- 19	ह0/-
37	श्रीमती सुजाता कच्छप	पार्षद, वार्ड नं0- 07	ह0/-
38	श्रीमती उर्मिला यादव	पार्षद, वार्ड नं0- 44	ह0/-
39	श्री कुलभूषण डुंगडुग	पार्षद, वार्ड नं0- 11	ह0/-
40	श्री लक्ष्मण कच्छप	पार्षद, वार्ड नं0- 50	ह0/-

पदाधिकारीगण :-

क्रमांक	नाम	पदनाम	हस्ताक्षर
1	श्री प्रशांत कुमार	नगर आयुक्त	ह0/-
2	श्री विद्यानन्द शर्मा 'पंकज'	अपर नगर आयुक्त	ह0/-
3	श्री रामकृष्ण कुमार	सहायक कार्यपालक पदाधिकारी	ह0/-
4	श्री विजय भगत	अधीक्षण अभियंता	ह0/-
5	श्री अरविन्द कुमार शर्मा	अधीक्षण अभियंता	ह0/-
6	डा0 अजय कुमार मांझी	स्वा0 चि0 पदाधिकारी	ह0/-
7	डा0 किरण कुमारी	सहायक स्वास्थ्य पदाधिकारी	ह0/-
8	श्री प्रमोद कुमार	कार्यपालक अभियंता	
9	श्री एच0के0 सिंह	नगर निवेशक	ह0/-
10	श्री उदय कुमार सहाय	नगर निवेशक	ह0/-

राष्ट्रगान के पश्चात् महापौर द्वारा उपस्थित सदस्यों, पदाधिकारीगण का स्वागत करते हुए बैठक प्रारम्भ करने का निदेश दिया गया।

कार्यवृत्त सं0- 01

विषय :- Smart City Proposal की स्वीकृति के संबंध में।

प्रस्ताव के संबंध में नगर आयुक्त द्वारा विस्तृत जानकारी दी गई एवं तदुपरि इस संबंध में PPT किया गया। प्रस्ताव के संबंध में एक संक्षिप्त विवरणी Annexure-I में संलग्न है।

तत्पश्चात् सर्वसम्मति से प्रस्ताव की स्वीकृति प्रदान की गई।

उपस्थापित प्रस्ताव एवं इनके अनुलग्नक इस कार्यवाही विवरणी के अभिन्न अंग होंगे।

तत्पश्चात् धन्यवाद के साथ बैठक समाप्त की गई।

(Signature)

(Signature) *SKJ*

(Signature)
13/04/2016
महापौर,
रांची नगर निगम, रांची।

1 Citizen consultation

As part of the Smart City Mission, RMC had conducted multiple talk-shows with different sections of the society, including Government and private school students, college students from management institutes, Architecture and Engineering colleges; NGOs; Slum dwellers; elected representatives-MP/ MLAs/ Mayor/ Dy. Mayor; Traders association; Builders' Association; Architects' association; Bar association; PSUs, and other government Departments. As part of fast track round additional consultations were held especially targeting students from premier schools and colleges, parents, coaching institutes and industries. This enabled the team to understand citizen's aspirations from the city and arrive at the vision for developing Ranchi, while addressing the most pertinent needs of the society.

To ensure interaction across all the groups / different strata; mix mode of interaction was adopted. This includes One-to-one interactions, talk shows, focus group discussion and mass dissipation of information through Radio jingles and mobile vans. Information was collected through online polls, emails and structured questionnaire. To increase the outreach and to increase citizen's participation PR Agencies have been hired and multiple events are conducted at prominent locations. Overview of citizen interaction:

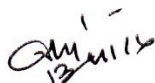
- Number of talk shows conducted = ~40
- Participation in talk shows = Between 30 -100 people
- Number of structured (hard-copy) questionnaire filled = 80,000 (~8% population covered)
- Number of brochures/ Pamphlets distributed = >1.5 Lakh
- Mobile Vans/ Smart Rathis = 5 vans covered 55 wards for 10 days and staged Nukkad-Natak at 110 locations in the city
- Radio Jingles = Played >500 times during SCP preparation period
- 2420 Online & offline essay competition submission
- >30,000 facebook likes
- ~100 responses on MyGov
- >50 Newspaper articles
- ~55,000 ward level polling

2 Strategic Focus, Vision & Goals

During the talk shows SWOT analysis (Analysis of Strengths, Weakness, Opportunities and Threats) for the city was conducted with the citizens to understand citizens' perspective and aspirations for city development. This helped in framing the strategic focus & blueprint for city's development. Vision Statement arrived at based on the city analysis is:

"Ranchi to be a learning & Knowledge hub of Eastern India that provides sustainable and vibrant environment to its citizens, by addressing their socio-economic needs by leveraging its knowledge institution ecosystem"

To improve the Quality of Life of the citizens four thrust areas have been identified, which are further divided into 10 Strategic Direction and 14 Goals.



I. Thrust Area I- Provision of adequate physical and social infrastructure

a. Strategic Direction 1- Strengthen & improve core infrastructure facilities

- i. Goal 1 – Meet 100% Service Level Benchmark (SLBs) defined by MOUD for citizen services

b. Strategic Direction 2 – Enhance Mobility

- i. Goal 2- Dedicated space for NMT mode and atleast 50% modal share for public transport
- ii. Goal 3 – Legal changes to regulate traffic movement

c. Strategic Direction 3 - Preserve and develop natural resources and other open spaces

- i. Goal 4– Increase open spaces in the city and make them accessible within 10 min walking distance for every residential area and work place

d. Strategic Direction 4 - Enhanced safety & security

- i. Goal 5– High level of safety & security such that citizens feel safe across the city at any given hour

e. Strategic Direction 5 – Provision of supporting social infrastructure

- i. Goal 6- Increased focus on affordable housing - LIG and MIG categories
- ii. Goal 7– Adequate health facilities with easy access from residential areas and job centres

II. Thrust Area II: Ensure Socio-Economic Development of the City

a. Strategic Direction 6 – Focus on knowledge based economic growth

- i. Goal 8– Create >15,000 seats for higher education facility
- ii. Goal 9 – Creation of more than 2 lakh jobs in the city

III. THRUST AREA III – Fiscal sustainability

a. Strategic Direction 7 – Revenue maximization through outsourcing

- i. Goal 10– Enhance tax net and revenue collection through Outsourcing to private vendor and use of ICT

b. Strategic Direction 8 - Legal changes to improve tax collection

- i. Goal 11– 100% inclusion of properties in the tax net and increase in revenue

IV. Thrust Area 4 - Smart Urban Management of the City

a. Strategic Direction 9 - Smart urban form

- i. Goal 12– Adoption of Mix land use and TOD concepts in all future developments

b. Strategic Direction 10 - Smart Governance

- i. Goal 13– Availability of 100% citizen services through a common online & offline platform
- ii. Goal 14– Integrate ICT in city management and planning operations

3 Area Based Development

As part of Smart City Mission, an area within Municipal limits needs to be developed on Smart City guidelines. One or mix of following development options needs to be adopted for shortlisting the area:

- Option 1 – Redevelopment Mode: 50 acres of land parcel to be re-constructed on Smart city principles

- Option 2 – Retrofitting Mode: Smart city features to be infused in an already developed area spread over 500 acres
- Option 3 – Greenfield Development: Minimum 250 acres of vacant land parcel to be selected for developing a model Smart city

Area selected should be contiguous and meet above mentioned conditions, to be eligible for Area-Based Development (ABD). Online and Offline Polling was conducted with different groups to select the area for development. Following options were given for polling:

- Harmu Housing Colony and surrounding (550 acres) – Retrofitting
- Bariyatu Housing Colony and surrounding (600 acres)- Retrofitting
- Morhabadi Area(521 acres)- Retrofitting
- Heavy Engineering Corporation (HEC) (341 acres) - Greenfield

Greenfield site at HEC received majority of votes, from both online (55% votes) and offline (63%) mediums. This site was hence selected for development.

3.1 Strengths of Greenfield site

- Proximity to Hatia Railway station and Birsa Munda International Airport
- Availability of natural corridors within site boundary
- Good connectivity with 2 highways at the site peripheral.
- Surrounded by a mixture of residential, it industries and government offices
- Availability of land for development

3.2 Possession of the Greenfield site

The site selected for Greenfield development was in HEC possession and procedure for transfer of land for the project has been completed as per following resolutions/ documents:

- Meeting under Chairmanship of Principal Secretary – Industries on taking possession of 341 acres of land as part HEC Revival [package 2009 (Memo No. 3692 / Ranchi 04/12/2015)
- Letter to Chairman cum Managing Director from Prl. Secy. Cum Investment Commissioner for 'Willingness of Govt. of Jharkhand to take possession of 341 acres of vacant land belonging to HEC'
- Resolution taken by Industries Department for transfer of HEC land for Ranchi Smart City Project, as part of HEC's Revival Package [Memo No.144/Ranchi/Dated 19/03/2016]

Following components were proposed on the site for developing the Smart City as Knowledge hub

Land-use	S.No.	Component	%age	Area (Acres)	Component Area (Acres)
Institutional (27.45%)	1	Skill Development Park	7%	6.9	97.6
	2	Student Resource Centre	1%	1	
	3	Technical College	15%	14.6	
	4	JUMPI	8%	7.5	
	5	University (Campus)	52%	51.3	
	6	Other institutes	17%	16.3	
Residential (13.7%)	7	EWS/LIG	13%	6.3	48.7
	8	MIG	55%	26.5	
	9	HIG	13%	6.6	
	10	Hostels	19%	9.3	
Commercial (7.85%)	11	Convention centre	36%	10	27.9
	12	Hotel	18%	5	
	13	Commercial Centre	10%	2.9	
	14	Mall (Retail + commercial)	21%	5.8	
	15	Vending Zone A	11%	3.0	
	16	Neighbourhood Center	4%	1.2	
Public/ Semi-Public (10%)	17	Government offices	57%	10.3	19.1
	18	Public facility Centre	20%	3.7	
	19	STP	10%	2.3	
	20	Substation & Utilities	13%	2.8	
MIX Use (10.41%)	21	Mix land use	77%	28.5	37
	22	Transit Hub	23%	8.5	
Mandatory	16	Transport & Circulation	25.57%	90.90	156.37
	17	Open Spaces & Parks	18.41%	65.46	
TOTAL AREA				341	

3.3 Smart features proposed on the site

A. Public Utilities

i. Water-Supply

- Rain water harvesting and Dual-Water pipeline to ensure Re-cycle & Re-use
- IOT technology to ensure water quality and for auto-maintenance alerts
- Smart meters

ii. Sewerage & Sanitation

- Sewerage Treatment Plants (STPs) of 7 MLD are proposed on the site, to promote Zero disposal from the site
- Smart Public / Bio-toilets shall be provided in the site. Using IOT technology, mobile app shall be developed indicating the location & occupancy details of such toilets on the site. It will also be used to remotely control maintenance schedules, cleanliness checks and Pay & Use facility

iii. Smart Solid Waste Management

- Reduce Recycle initiatives
- GPS enabled e-Rickshaw
- Waste to Energy plant at city level
- Sensor enabled Smart waste bins at neighbour hood level

iv. Drainage

Two ponds / reservoirs are proposed at the site to collect the storm water through surface drainage system. These ponds shall be linked through IOT technology that would create alert, if there is an increase in water level in any of the ponds and through SCADA system water shall be auto-pumped from primary pond to secondary pond. The sensors shall also provide information on the pollution levels in the pond, and generate auto-alert for its maintenance

v. Electricity / Lighting

- Solar energy to be used for meeting at-least 20% of electricity needs
- Underground cabling
- Smart meter / Net meter
- Solar Street Lights

B. Transport & Circulation

i. Intelligent Transportation System (ITS)

- Traffic control and management center
- Disaster recovery center
- Incident detection system
- Adaptive signal control of at-grade intersections
- CCTV-camera system
- Traffic information system with variable message signs
- Speed and redlight violation cameras
- Parking management system
- IOT technology for preventive road maintenance
- Air quality monitoring system

ii. e-Rickshaw, e-Shuttle and Public bicycle sharing

- Public bicycle stands at major / imp locations
- Docking system releasing rental bikes for a card or key.

C. IT Network & Connectivity

- Optic Fibre
- Wi-Fi hotspots

D. Command & Control Centre

- Central control room for analytics and management of the Intelligent IT systems proposed on the site

4 Pan-city solution

- Public Transport Management System
- Corridor Management (Traffic) System
- Parking Management System
- Intermediate Para Transit (IPT) integration
- Fare management system for real time monitoring and payment management
- Centralized Command & Control Centre

5 Risk associated and its mitigation:

Following table enlists the risks and its mitigation measures associated with the project:

S.No	Risk	Likelihood	Impact	Mitigation
1.	Execution Risk: Such scale of execution needs high governance and skill.	Moderate	Delay in project execution; significant cost and time overruns; potential of investments being unable to create the right impact due to poor execution	<ul style="list-style-type: none">• Inclusion of relevant parastatal bodies in governing body.• Robust Organisation structure which has a mix of technocrat and managerial competency• Robust procurement processes in order to procure right vendors/contractors at right value.
2.	Market Risk	Moderate	Anchors for the knowledge hub viz. technical and management institute don't show the appetite.	Marketing of the product has already been started and intent of many private and Government institutions has already been received.
3.	Private Investment	Moderate	Through the ABD public investment Ranchi aims to leverage private investments to the tune of Rs.6600 Crores.	The demand for real estate and core area has been assessed and intent from the private partners like real estate, hospitality sector, medical institutions have already been received.
4.	Participation: There may be resistance from IPT owners for installation of tracking devices and	Moderate	Moderate impact which would decrease as the benefits start accruing to the citizens and stakeholders	Enabling regulation (mandatory with permits) to be formulated. Smart Parking policy to incorporate regulation of private parking.

	private parking owners.			
5.	Lack of awareness among citizens	Moderate	The success depends upon citizen participating/using the services	IEC activities to make the citizens aware of the services. User friendly mobile App to keep the citizens informed and connected.

6 Financial:

- a. **Estimated capital Cost:** The total estimated capital cost of the project is Rs. 1489.27 crore of which the area based solution – greenfield development of 341 acres into a knowledge hub is Rs. 1397.18 Crore whereas the cost of Pan city solution is 92.09 Crore. (Annexure attached for Detailed cost breakup)
- b. **Sources of Funds:** The funds available for funding shall be from Smart city Mission shall be Rs. 987.72 Crore and convergence from other schemes namely AMRUT, PMAY, SBM, MNRE is Rs.121.65 Crores. It has been also proposed to utilise the Jharkhand State Urban Development Project (JSUDP) fund to the tune of Rs.315.00 Crore and the balance of Rs. 64.9 Crores is met through private investment through PPP mode.
- c. The SPV would leverage private investment of Rs.6500 crores. Land monetisation of around 194 acres shall be done in a phased manner so as to tap the upside potential of the investment and it is expected that an amount of Rs. 776.00 Crores shall be received which the SPV shall use for replicating smart features in other parts of the Municipal corporation.

FINANCIAL PLAN - ABSTRACT

Sr. No.	Project/Component	Cost in INR Cr	Capital Cost Phasing					Convergence- Gol Scheme		Smart City	JSUDP World Bank Fund	PPP	O&M Cost per Annum in Rs Cr	Total O&M Cost for 10 years
			2016	2017	2018	2019	2020	Amount in Rs. Cr.	Scheme	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr	Amount in Rs. Cr
AREA BASED DEVELOPMENT PROPOSAL														
1	Land Development	60.19	20.06	40.13	0.00	0.00	0.00			60.19				
2	Transport & Circulation (Roads) with Pedestrian facility duct for utilities including gas line, power line, Optical fibre, provision for sewerage & drainage	209.83	10.49	136.39	62.95	0.00	0.00			209.83			4.20	41.97
3	Open Spaces & Parks (River Park, Eco Park, Lake harvest, Neighbourhood Park)	49.40	2.47	37.05	9.88	0.00	0.00	5.00	AMRUT	44.40			3.47	34.67
4	Water Supply and Reuse of Recycled Water	55.22	2.76	30.37	22.09	0.00	0.00	40.49	AMRUT	14.73			1.66	16.57
5	Waste Water Management -Sewerage & Sanitation	35.93	1.80	19.76	14.37	0.00	0.00	26.34	AMRUT	9.58			1.80	17.96
6	Water Management - Storm Water Drainage	7.76	0.39	4.27	3.11	0.00	0.00	5.69	AMRUT	2.07			0.39	3.88
7	Power Supply, Source & Efficiency	108.12	0.00	27.03	81.09	0.00	0.00	24.00	MNRE/SOLAR City	84.12			6.49	64.87
8	Safety & Security	21.73	0.00	5.43	16.30	0.00	0.00			21.73			2.61	26.07
9	Transit Hbb/centre	184.10	0.00	55.23	128.87	0.00	0.00			124.10		60.00	8.95	89.50
10	Smart Administrative & Command Centre (SACC)	149.02	14.90	96.86	37.26	0.00	0.00	0.00		61.52	87.50		7.45	74.51
11	Student Resource Centre	88.42	0.00	29.47	58.94	0.00	0.00	0.00		88.42			4.42	44.21
12	Solid waste management system	5.00	0.00	1.25	3.75	0.00	0.00	1.00	SBM	4.00			0.15	1.50

Sr. No.	Project/Component	Cost in INR Cr	Capital Cost Phasing					Convergence-Gol Scheme		Smart City	JSUDP World Bank Fund	PPP	O&M Cost per Annum in Rs Cr	Total O&M Cost for 10 years
			2016	2017	2018	2019	2020	Amount in Rs. Cr.	Scheme					
13	EWS	38.84	0.00	31.07	7.77	0.00	0.00	19.13	PMAY	19.72			1.17	11.65
14	Convention Centre	230.00	0.00	126.50	103.50	0.00	0.00			69.00	161.00		6.90	69.00
15	Jharkhand Urban Planning and Management Institute (JUPMI)	95.00	0.00	52.25	42.75	0.00	0.00			28.50	66.50		2.85	28.50
16	Public Facility Centre	37.43	0.00	7.49	29.94	0.00	0.00			37.43			1.12	11.23
17	Health facilities	1.20	0.00	0.24	0.96	0.00	0.00			1.20			0.04	0.36
18	Other Social Infrastructure	20.00	0.00	4.00	16.00	0.00	0.00			20.00			0.60	6.00
Total Cost of Area Based Proposals in Rs. Lakhs			52.87	704.79	639.51	-	-	121.65		900.53	315.00		54.24	542.45
PAN CITY PROPOSALS														
1	Intelligent Public Transport System	15.60	1.56	14.04	0.00	0.00	0.00			10.70		4.9	0.80	8.00
2	Corridor Management System (Traffic)	21.09	2.11	18.98	0.00	0.00	0.00			21.09			1.05	10.55
3	Parking Management System	8.00	0.80	7.20	0.00	0.00	0.00			8.00			0.40	4.00
4	IPT Integration	2.70	0.00	2.70	0.00	0.00	0.00			2.70			0.13	1.35
5	Fare mangement system	1.70	0.00	1.70	0.00	0.00	0.00			1.70			0.08	0.84
6	Command & Control Centre (RITTS)	43.00	0.00	43.00	0.00	0.00	0.00			43.00			2.15	21.50
B	Total Cost of Pan City Proposals in Rs. Lakhs	92.09	4.47	87.62	-	-	-	0.00	0.00	87.19	0.00		4.62	46.24
	Grand Total (A+B) in Rs. Lakhs	1,489.27	57.34	792.41	639.51	-	-	121.65	-	987.72	315.00		58.87	588.68
C	Private Investments through Land Monetization	6645		17	1671	2679	2278							

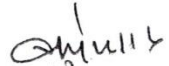
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झापांक 1185 / रांची, दिनांक 13.04-2018.

प्रतिलिपि :- मुख्य अभियंता/अधीक्षण अभियंता, अभियंत्रण शाखा/अधीक्षण अभियंता, जलापूर्ति शाखा/सहायक कार्यपालक पदाधिकारी/स्वा0 चि0 पदाधिकारी/सहायक स्वास्थ्य पदाधिकारी/प्रभारी, विधि शाखा/मुख्य लेखा पदाधिकारी, रांची नगर निगम, रांची को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।

प्रतिलिपि :- स्थापना शाखा/बाजार शाखा /प्रभारी, जलापूर्ति शाखा/अभियंत्रण शाखा/नगर निवेशन शाखा /विद्युत शाखा /राजस्व शाखा /PIU Sec./ नोडल पदाधिकारी, Smart City Cell, रांची नगर निगम एवं डोरण्डा अंचल को सूचनार्थ एवं शाखा से संबंधित कंडिकाओं पर अनुपालन प्रतिवेदन तैयार कर प्रस्तुत करने हेतु प्रेषित।


अपर नगर आयुक्त,
रांची नगर निगम, रांची।

Annexure 4.5

Cabinet Resolution of Industries Department, GoJ vide letter no 944 Dated 19/3/2016 regarding allotment of 341 acre of encumbrance free land for Smart City Project

झारखण्ड सरकार
उद्योग, खान एवं भूतत्व विभाग।

संकल्प

Smart City cell
3/10/16

पत्रांक

944

/राँची, दिनांक 19/03/2016

08/उआवि/एचआईसीओ द्वारा भूमि हस्तांतरण कमिटी का गठन-41/2012

विषय: मे० भारी अभियंत्रण निगम लिमिटेड, राँची के आधुनिकीकरण हेतु विशेष पैकेज के प्रस्ताव की स्वीकृति के सम्बन्ध में।

नगर विकास विभाग, झारखण्ड द्वारा राँची को स्मार्ट सिटी बनाने हेतु मुख्य सचिव की अध्यक्षता में दिनांक 02.12.2015 एवं 11.12.2015 को हुई बैठक में मे० भारी अभियंत्रण निगम लिमिटेड, राँची के 341 एकड़ भूमि प्रत्यर्पण सम्बन्धी प्रस्ताव के विभिन्न पहलुओं पर विचार-विमर्श के उपरान्त नगर विकास एवं आवास विभाग, झारखण्ड सरकार के द्वारा नगर विकास मंत्रालय, भारत सरकार को पत्रांक-201 दिनांक 12.12.2015 के द्वारा प्रस्ताव भेजा गया है।

2. मे० भारी अभियंत्रण निगम लिमिटेड, राँची ने पत्रांक- PRD/15/819 दिनांक 24 नवम्बर, 2015 के द्वारा इकाई में किये जा रहे आधुनिकीकरण हेतु राज्य सरकार को मे० भारी अभियंत्रण निगम लिमिटेड के 341 एकड़ भूमि mutually agreed terms and conditions के आधार पर Revival Package-2015 देने हेतु अनुरोध किया गया मे० भारी अभियंत्रण निगम, लिमिटेड, राँची के पत्रांक- HEC/CMD/PS/15-03 दिनांक 02 जनवरी, 2016 के द्वारा पुनः सूचित किया गया है कि कंपनी का Revival इकाई के आधुनिकीकरण किये बिना संभव नहीं है।

3. पुनः अध्यक्ष-सह-प्रबन्ध निदेशक, मे० भारी अभियंत्रण निगम लिमिटेड, राँची के पत्रांक-HEC/CMD/PS/16-48 दिनांक 09 फरवरी, 2016 के द्वारा 341 +315.3 एकड़ भूमि कुल 656.3 एकड़ भूमि झारखण्ड सरकार को हस्तांतरित करने के प्रस्ताव के अलावा उक्त पत्र में यह भी उल्लेख किया गया है कि उक्त भूमि का संयुक्त रूप से सर्वेक्षण एचआईसीओ एवं झारखण्ड सरकार द्वारा किया गया है।

4. मे० भारी अभियंत्रण निगम लिमिटेड, राँची के पत्रांक-HEC/CMD/PS/15.03 दिनांक 02 जनवरी, 2016 के कड़िका-1.16 में यह अंकित किया गया है कि SBICAP द्वारा एचआईसीओ के आधुनिकीकरण हेतु परियोजना लागत रु० 1311.47 करोड़ बताई गई है। एचआईसीओ द्वारा यह भी उल्लेख किया गया है कि उक्त प्रस्तावित भूमि surplus land नहीं है। एचआईसीओ उक्त भूमि को एचआईसीओ के आधुनिकीकरण के नीति के तहत राज्य सरकार को देना चाहती है।

5. मा० मुख्यमंत्री के अनुमोदनोपरान्त मे० भारी अभियंत्रण निगम लिमिटेड, राँची प्रदत्त भूमि प्रत्यर्पण सम्बन्धी प्रस्ताव के विभिन्न बिन्दुओं पर विचार-विमर्श हेतु उद्योग विभाग के अधिसूचना संख्या-3675 दिनांक 02.12.2015 द्वारा एक समिति का गठन किया गया।

6. दिनांक 02.12.2015 को हुई उक्त समिति की बैठक में निम्नलिखित निर्णय लिए गये:-

- i. मे० भारी अभियंत्रण निगम लिमिटेड, राँची द्वारा प्रत्यर्पित किये जाने वाले भूमि Airport, Railway Station एवं राँची शहर के निकट अवस्थित होने के कारण राज्य सरकार द्वारा इसे उपयुक्त पाया गया।
- ii. उक्त बैठक में सर्वसम्मति से यह निर्णय लिया गया कि मे० भारी अभियंत्रण निगम लिमिटेड, राँची के पुनर्वास पैकेज-2009 के अंतर्गत निर्धारित terms and condition के अनुसार प्रस्तावित भूमि को वापस लिया जाय।
- iii. मे० भारी अभियंत्रण निगम लिमिटेड, राँची द्वारा पूर्व में 2035 एकड़ भूमि revival package के अंतर्गत प्राप्त किया गया था। पैकेज के अंतर्गत इस प्रस्तावित 341 एकड़ भूमि प्राप्त करने का निर्णय लिया गया।
- iv. इस प्रकार प्रत्यर्पित होने वाली 341 एकड़ भूमि का मूल्य पूर्व पैकेज में निर्धारित मूल्य के आधार पर होगा। चूंकि माननीय उच्च न्यायालय द्वारा दिये गये निदेश के आलोक में उस भूमि का मूल्य पूर्व में निर्धारित किया गया था। इसलिए भूमि का वर्तमान मूल्य Wholesale Price Index के आधार पर निर्धारित किया जाएगा।

7. मे० भारी अभियंत्रण निगम लिमिटेड, राँची के पत्रांक- HEC/CMD/PS/15-465 दिनांक 19 दिसम्बर, 2015 के द्वारा अनुरोध किया गया कि प्रत्यर्पित किये जाने वाले भूमि का दर निर्धारण करने हेतु एक बैठक निर्धारित किया जाय। एचईओसीओ के HEC/CMD/PS/15-03 दिनांक 02 जनवरी 2016 की कंडिका 1.17 में यह उल्लेख किया गया है कि "Present value of land can't be arrived using WPI."

8. मे० भारी अभियंत्रण निगम लिमिटेड, राँची के उक्त पत्र के आलोक में अपर मुख्य सचिव, उद्योग, खान एवं मूल्य विभाग, झारखण्ड की अध्यक्षता में दिनांक 24.02.2016 को हुई बैठक में मा० उच्च न्यायालय द्वारा वाद संख्या- W.P.(C) No.-4513/2004 में दिनांक 28.04.2015 एवं 27.10.2005 को पारित न्यायादेश के आलोक में निम्नलिखित निर्णय लिये गये :-

"Keeping in view the above facts, the committee recommends that the revival package under consideration may use the same principles which were followed in the revival package previously approved to HEC as mentioned in the order of Hon'ble High Court Ranchi in this matter.

Department of Industries approved the rehabilitation package and through letter no 2683 dated 26.12.2007 without reference to land value, Thus, the date of order of Honable High Court may be considered as base year for calculation of land price, Further, Section 30(3) of the Right to Fair Compensation Transparency in Land acquisition, Rehabilitation and Resettlement Act 2013 provides for arriving at the present market value of land from the market value calculated at the time of notification of SIA study under section 4(2) at 12% interest rate. Therefore, the Committee recommends that same principle may be used to arrive at the present market values of these lands at twelve percent per annum.

The following is the model calculation for arriving at present land value:-

(Capital + Interest): $50 + (50 \times 12\% \times 10) = \text{Rs. } 110 \text{ lakh}$ (assuming 10 years time)

The land acquisition cost of these lands through LA Act will be higher than the land value arrived above. The exact land value may be calculated by the concerned Department at the time of sanction of revival package. The committee also observes that

the release of revival package amount should be linked to the area of encumbrance free land transferred to concerned department.

The Committee also recommends that this land is needed for the project of State Government and the Jharkhand Industrial Policy 2012 provides for taking preventive measures to prevent industrial sickness. Thus, in the public interest, committee recommends that Para 6.8 (बविष्य में मे० भारी अभियंत्रण लिमिटेड, राँची द्वारा शेष भूमि पर कार्रवाई Deed of Conveyance के प्रावधानों के अनुरूप की जाएगी) as approved by cabinet in the meeting held on 13.2.2009 may be appropriately modified with the approval of the cabinet.

Keeping in view of the above, the committee recommends total 675.43 (656.30 + 19.13) acres of land belonging to HEC may be taken over by State Government as per the rate recommended above and following the similar procedure adopted earlier.

The Committee unanimously agreed to send these recommendation to the State Government for suitable action as deemed fit.

9. झारखण्ड औद्योगिक नीति-2012 की कठिका- 30.2 एवं 30.2.1 में वर्णित प्रावधान के क्रम में:-

30.2 - The State Government intends to take the following measures for prevention of sickness and revival of willing and viable sick industries.

30.2.1- Periodic coordination meetings with the industrialists/entrepreneurs and financial institutions at the IADA level under the Chairmanship of Managing Director for Industries under their command area and at the divisional level under the Chairmanship of the Divisional Commissioner for the rest of areas shall be reviewed to ensure early detection of sickness/problem and preventive measures for the same shall be taken.

10. उक्त के आलोक में राज्य की एक बहुमूल्य इकाई को बीमार होने से बचाने के लिए मे० भारी अभियंत्रण निगम लिमिटेड, राँची को राशि अनुदान के रूप में नहीं दिया जाएगा बल्कि मे० भारी अभियंत्रण निगम लिमिटेड, राँची की भूमि के बदले समिति द्वारा बैठक कर निर्धारित किये गये मूल्य के आधार पर दिया जाएगा।

11. (क) अपर मुख्य सचिव, उद्योग, खान एवं भूतत्व विभाग, झारखण्ड की अध्यक्षता में दिनांक-24.02.2016 को हुई बैठक में लिये गये निर्णय को अनुमोदित करते हुए मे० भारी अभियंत्रण निगम लिमिटेड, राँची द्वारा राज्य सरकार को Revival Package हस्तांतरण हेतु प्रस्तावित 675.43 एकड़ भूमि में से 341 एकड़ भूमि नगर विकास को Smart City हेतु, जिसका भुगतान नगर विकास विभाग द्वारा तथा 19.13 एकड़ भूमि पुलिस मुख्यालय एवं टी०ओ०पी० हेतु, जिसका भुगतान गृह, कारा एवं आपदा प्रबंधन विभाग द्वारा शेष 315.3 एकड़ भूमि राजस्व, निबंधन एवं भूमि सुधार विभाग को हस्तांतरण किया जाएगा, जिसका भुगतान राजस्व, निबंधन एवं भूमि सुधार विभाग द्वारा किया जाएगा, जो Greater Ranchi Development Authority (GRDA) के साथ मिलकर राजधानी के विकास हेतु कार्य करेगी। Revival Package हेतु भूमि के दर का निर्धारण कमिटी द्वारा निर्धारित प्रावधानों के अनुसार होगा। इंडियन स्टाम्प एक्ट, 1893 की धारा-3 के परन्तुक के अनुसार जिन दस्तावेजों में सरकार को ही स्टाम्प शुल्क देने का दायित्व है उन दस्तावेजों में स्टाम्प शुल्क नहीं लगेगा। अतः विषयगत मामले में स्टाम्प शुल्क एवं निबंधन शुल्क देय नहीं होगा।

(ख) महामहिम राज्यपाल के परामर्शी परिषद् की दिनांक 13.02.2009 को हुई बैठक में यह स्वीकृत "बविष्य में मे० भारी अभियंत्रण निगम लिमिटेड, राँची द्वारा शेष भूमि पर कार्रवाई

Deed of conveyance के प्रावधानों के अनुरूप की जाएगी" को विलोपित समझा जाय तथः एच0ई0सी0 को देय वर्तमान revival package पूर्व में दिये गये revival package का अंग माना जाएगा।

आदेश— आदेश दिया जाता है कि संकल्प को झारखण्ड राजपत्र के असाधारण अंक में सर्वसाधारण की जानकारी के लिए प्रकाशित किया जाय और इसकी प्रतियाँ सभी विभाग/सभी विभागाध्यक्ष/सभी प्रमंडलीय आयुक्त को भेजी जाय।

झारखण्ड राज्यपाल के आदेश से

(उदय प्रताप सिंह)

अपर मुख्य सचिव

उद्योग, खान एवं भूतत्व विभाग

झारखण्ड, राँची।

ज्ञापांक

944

/राँची, दिनांक 19/03/2016

06/उ0नि0/एच0ई0सी0 द्वारा भूमि हस्तांतरण कमिटी का गठन-41/2012

प्रतिलिपि: अधीक्षक, सचिवालय मुद्रणालय, डोरन्डा, राँची का राजकीय गजट के असाधारण अंक में प्रकाशित करने हेतु प्रेषित। उनसे अनुरोध है कि गजट के 200(दो सौ) मुद्रित प्रति इस विभाग को भी उपलब्ध कराई जाय।

अपर मुख्य सचिव

उद्योग, खान एवं भूतत्व विभाग

झारखण्ड, राँची।

ज्ञापांक

944

/राँची, दिनांक 19/03/2016

06/उ0नि0/एच0ई0सी0 द्वारा भूमि हस्तांतरण कमिटी का गठन-41/2012

प्रतिलिपि: माननीय मुख्यमंत्री के प्रधान सचिव एवं सचिव/अपर मुख्य सचिव, गृह, कारा एवं अपराध प्रबन्धन विभाग/प्रधान सचिव, योजना सह वित्त विभाग/प्रधान सचिव, नगर विकास एवं आवास विभाग/प्रधान सचिव, विधि(न्याय) विभाग/सचिव, राजस्व एवं भूमि सुधार विभाग/सभी अपर मुख्य सचिव/सभी प्रधान सचिव/सभी सचिव/सभी विभागाध्यक्ष/सभी विभाग, झारखण्ड, राँची/प्रमंडलीय आयुक्त, राँची/उपायुक्त, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

अपर मुख्य सचिव

उद्योग, खान एवं भूतत्व विभाग

झारखण्ड, राँची।

ज्ञापांक

944

/राँची, दिनांक 19/03/2016

06/उ0नि0/एच0ई0सी0 द्वारा भूमि हस्तांतरण कमिटी का गठन-41/2012

प्रतिलिपि: संयुक्त सचिव, भारी उद्योग एवं लोक उपकरण, भारी उद्योग मंत्रालय, भारत सरकार, नई दिल्ली/अध्यक्ष सह प्रबन्ध निदेशक, भारी अभियंत्रण निगम लिमिटेड, धुर्वा, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

अपर मुख्य सचिव

उद्योग, खान एवं भूतत्व विभाग

झारखण्ड, राँची।

Annexure 4.6

Letter from HEC vide letter no 819 Dated 24/11/15 to PS, Industries GoJ, for taking over 341 acre of HEC land.



**HUMAN RESOURCE DEPARTMENT
HEAVY ENGINEERING CORPN. LTD.**

(A GOVT. OF INDIA ENTERPRISE)

RANCHI - 834 004

PHONE : 0651 - 2401156

0651 - 2401387

FAX : 0651 - 2401571

e-mail : rch_hecmktg@sanchamail.in

website : www.hecltd.com

The Principal Secretary-cum-Investment Commissioner,
Department of Industries,
Government of Jharkhand,
Nepal House, Doranda,
Ranchi-2.

24th Nov 2015.

Subject: Request for willingness of the Government of Jharkhand to take possession

341 acres of H.E.C vacant land on mutually agreed terms and conditions.

Dear Sir,

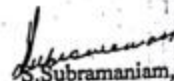
The modernization plan of H.E.C is under active consideration by the Government of India assuring a robust growth of the Corporation. As HEC, a PSU is one of the unique integrated manufacturing units in Jharkhand catering to the core sectors of the Economy, the Govt of Jharkhand would definitely like to be a active partner in its modernization efforts.

We have come to know that Government of Jharkhand is willing to take 341 acres of vacant land in H.E.C on lease in conformity with the terms and conditions as stipulated in the Deed of Conveyance- as Relinquishment for 2035 acres of H.E.C land handed over to it as part of the Revival Package of HEC in 2015.

It is requested to communicate your willingness to take over this additional 341 acres of land on mutually agreed upon terms and conditions so that we can go ahead further at the earliest.

This is being issued with the approval of competent authority.

With warm regards.


S. Subramaniam,

Sr DGM, HRD & PRD.



Copy to::

Shri A. K. Singh
Principal Secretary,
Urban Devt. Deptt.

} for kind information.

Annexure 4.7

Minutes of meeting vide letter no 3692 Dated 4/12/15 held on 2/12/15 under chairmanship of PS, Industries Department, GoJ regarding possession of 341 acre of land as part of HEC revival package 2009

Minutes of the meeting held on 02/12/2015 at 3:00 PM under the chairmanship of Principal Secretary-Industries on taking possession of 341 acres of land as part HEC revival package 2009

List of Participants: attached

The Committee discussed the proposal sent by the CMD-HEC through letter no NIL dated 24th November 2015 requesting the Government of Jharkhand to take possession of 341 acres of HEC vacant land.

The Committee found that this land is near to airport, railway station and adjacent to the city of Ranchi and this land can be taken over by the State Government. This is unanimously resolved that this land can be taken over as per the terms and conditions already decided in the HEC revival package 2009.

This proposed 341 acres of land is in addition to 2035 acres of land relinquished by HEC to Govt. of Jharkhand as part of Revival Package of HEC. Thus, the cost of land already finalized for relinquished lands will be applicable for this proposed 341 acres of land also. However, to factor in the intervening period, since the original cost of land was fixed by Hon'able High Court in 2006, the cost of land will be adjusted to the present value as per inflation rate calculated on the basis of Wholesale Price Index (WPI).

The committee unanimously agreed to send this proposal to the State Government.

Sd/-

Secretary
Dept of Revenue Land
Reform & Registration

Sd/-

Principal Secretary
Dept of Urban
Development

Sd/-

Principal Secretary
Dept of Planning-Cum
Finance

Sd/-

Principal Secretary
Dept. of Industries

Government of Jharkhand
Directorate of Industries

Memo No. 3692 / Ranchi, 04/12/2015 Dated

Copy to Principal Secretary, Deptt. Of Planning-cum-Finance, Jharkhand, Ranchi/Deptt. Of Urban Development, Jharkhand, Ranchi/Deptt. of Revenue, Land Reform and Registration for information and necessary action.

(K. Ravikumar)

Director, Industries.

Annexure 4.8

Resolution of RMC board vide letter no 4787 Dated 9/12/2015 regarding "Delegation of decision making powers available to the ULB under the municipal act/ Government rules to the Chief Executive Officer of the SPV."

&

Delegation of the rights and obligations of the municipal council with respect to the Smart City project to the SPV.

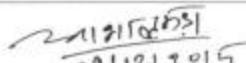
रांची नगर निगम बोर्ड की साधारण बैठक की कार्यवाही विवरणी।

संदर्भ :- कार्यालय पत्रांक 4547 दिनांक 20.11.2015

बैठक का स्थान :- रांची नगर निगम सभा कक्ष पत्रांक-4787
 बैठक का तिथि एवं समय :- दिनांक 23.11.2015, पूर्वाह्न 11.00 बजे से दिनांक-09.12.15
 उपस्थिति :-

क्रमांक	नाम	पदनाम	हस्ताक्षर
1	श्रीमती आशा लकड़ा	महापौर	ह0/-
2	श्री संजीव विजयवर्गीय	उप महापौर	ह0/-
3	श्रीमती सुचिता रानी राय	पार्षद, वार्ड नं0- 41	ह0/-
4	श्रीमती बसंती लकड़ा	पार्षद, वार्ड नं0- 03	ह0/-
5	श्रीमती तब्बसुम निगार	पार्षद, वार्ड नं0- 26	ह0/-
6	श्रीमती शशि सिंह	पार्षद, वार्ड नं0- 47	ह0/-
7	श्रीमती रीता मुण्डा	पार्षद, वार्ड नं0- 48	ह0/-
8	श्रीमती सुनिता तिकी	पार्षद, वार्ड नं0- 01	ह0/-
9	श्रीमती किरण देवी	पार्षद, वार्ड नं0- 42	ह0/-
10	डा0 साजदा खातुन	पार्षद, वार्ड नं0- 27	ह0/-
11	श्रीमती संगीता देवी	पार्षद, वार्ड नं0- 08	ह0/-
12	श्रीमती चन्दा देवी	पार्षद, वार्ड नं0- 43	ह0/-
13	श्रीमती संध्या रानी गुहा	पार्षद, वार्ड नं0- 13	ह0/-
14	श्रीमती पुनम देवी	पार्षद, वार्ड नं0- 12	ह0/-
15	श्रीमती निकिता देवी	पार्षद, वार्ड नं0- 23	ह0/-
16	सुश्री कुमारी मारग्रेट	पार्षद, वार्ड नं0- 51	ह0/-
17	श्रीमती जेरमिन टोप्पो	पार्षद, वार्ड नं0- 15	ह0/-
18	श्रीमती सुधा देवी	पार्षद, वार्ड नं0- 04	ह0/-
19	श्रीमती सुमन देवी	पार्षद, वार्ड नं0- 40	ह0/-
20	श्रीमती सबा नाज	पार्षद, वार्ड नं0- 24	ह0/-
21	श्रीमती पुष्पा तिकी	पार्षद, वार्ड नं0- 52	ह0/-
22	श्रीमती सविता कुजूर	पार्षद, वार्ड नं0- 38	ह0/-
23	श्री ओम प्रकाश	पार्षद, वार्ड नं0- 30	ह0/-
24	श्री धर्मू लिण्डा	पार्षद, वार्ड नं0- 55	ह0/-


 09/12/2015

25	श्री रामाधार सिंह	पार्षद, वार्ड नं०- 34	ह०/-
26	श्री अजित उरांव	पार्षद, वार्ड नं०- 45	ह०/-
27	श्री अशोक यादव	पार्षद, वार्ड नं०- 33	ह०/-
28	श्री अशोक बड़ाईक	पार्षद, वार्ड नं०- 28	ह०/-
29	श्री प्रदीप कुमार	पार्षद, वार्ड नं०- 29	ह०/-
30	श्री श्रवण कुमार महतो	पार्षद, वार्ड नं०- 20	ह०/-
31	श्री विजय तिकी	पार्षद, वार्ड नं०- 14	ह०/-
32	श्री बिमल संदीप खलखो	पार्षद, वार्ड नं०- 36	ह०/-
33	श्री लक्ष्मण कच्छप	पार्षद, वार्ड नं०- 50	ह०/-
34	श्री मो० सलाउद्दीन	पार्षद, वार्ड नं०- 17	ह०/-
35	श्री कुलभूषण डुंगडुंग	पार्षद, वार्ड नं०- 11	ह०/-
36	श्री अशोक खलखो	पार्षद, वार्ड नं०- 06	ह०/-
37	श्रीमती हुस्ना आरा	पार्षद, वार्ड नं०- 05	ह०/-
38	श्रीमती रोशनी खलखो	पार्षद, वार्ड नं०- 21	ह०/-
39	श्री राजेश कुमार	पार्षद, वार्ड नं०- 39	ह०/-
40	श्रीमती नाजिमा रजा	पार्षद, वार्ड नं०- 16	ह०/-
41	श्री राजकुमार	पार्षद, वार्ड नं०- 46	ह०/-
42	श्री मो० असलम	पार्षद, वार्ड नं०- 25	ह०/-
43	श्री सुरेन्द्र नायक	पार्षद, वार्ड नं०- 02	ह०/-
44	श्री गुलाम सरवर रिजवी	पार्षद, वार्ड नं०- 18	ह०/-
45	श्री अरुण कुमार झा	पार्षद, वार्ड नं०- 37	ह०/-
46	श्रीमती आशा देवी गुप्ता	पार्षद, वार्ड नं०- 19	ह०/-
47	श्रीमती कविता सांगा	पार्षद, वार्ड नं०- 49	ह०/-
48	श्रीमती सुजाता कच्छप	पार्षद, वार्ड नं०- 07	ह०/-
49	श्रीमती उर्मिला यादव	पार्षद, वार्ड नं०- 44	ह०/-

पदेन सदस्य

क्रमांक	नाम	पदनाम	हस्ताक्षर
1	श्री रामकुमार पाहन	माननीय विधायक, खिजरी विधान सभा क्षेत्र	ह०/-
2	डा० जीतु चरण राम	माननीय विधायक, कांके विधान सभा क्षेत्र	ह०/-

दिनांक

S. K. Mishra

21/12/2021

पदाधिकारीगण :-

क्रमांक	नाम	पदनाम	हस्ताक्षर
1	श्री प्रशांत कुमार	नगर आयुक्त	ह0 / -
2	श्री सुरेश पासवान	मुख्य अभियंता	ह0 / -
3	श्री राम लखन प्रसाद गुप्ता	अपर नगर आयुक्त	ह0 / -
4	श्री राजेश कुमार	उप नगर आयुक्त	ह0 / -
5	श्री रामकृष्ण कुमार	सहायक कार्यपालक पदाधिकारी	ह0 / -
6	श्री अरविन्द कुमार शर्मा	अधीक्षण अभियंता (जलापूर्ति शाखा)	ह0 / -
7	श्री विजय भगत	अधीक्षण अभियंता (अभियंत्रण शाखा)	ह0 / -
8	श्री उमा शंकर राम	कार्यपालक अभियंता	ह0 / -
9	डा० अजय कुमार मांझी	स्वा० चि० पदाधिकारी	ह0 / -
10	श्री एस०के० ठाकुर	सहायक अभियंता	ह0 / -
11	श्री एच०के० सिंह	नगर निवेशक	ह0 / -
12	श्री उदय सहाय	नगर निवेशक	ह0 / -
13	श्री अरविन्द कुमार श्रीवास्तव	विधि परामर्शी	ह0 / -

राष्ट्रगान के पश्चात् बैठक में महापौर के द्वारा उपस्थित माननीय विधायकगण, माननीय उप महापौर, माननीय पार्षदों, पदाधिकारियों का स्वागत करते हुए कार्यवृत्त के अनुसार बैठक प्रारम्भ करने का निदेश दिया गया।

उप महापौर ने कहा कि गत बैठक में यह निर्णय लिया गया था कि वार्ड नं०- 09 के माननीय पार्षद के निधन के कारण उस वार्ड की जनता से संबंधित कार्य बाधित हो रहे हैं, इसलिए इस वार्ड से संबंधित कार्य उप महापौर द्वारा सम्पादित किये जायेंगे, परन्तु बोर्ड बैठक की कार्यवाही में उल्लेखित नहीं हो सका है।

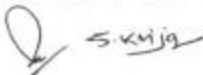
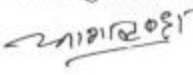
निर्णय :- दिनांक 10.10.15 की बोर्ड कार्यवाही में इस अंश को सम्मिलित किया जाए।

श्री ओम प्रकाश ने कहा कि सर्वप्रथम अन्यान्य के अन्तर्गत जनता की समस्याओं पर चर्चा की जाए, तत्पश्चात् कार्यवृत्त के अनुसार कार्यवाही प्रारम्भ की जाय।

बोर्ड के सभी सदस्यों के द्वारा इस बात का समर्थन किया गया।

श्री अशोक बड़ाईक ने कहा कि खादगढ़ा बस स्टैण्ड का निर्माण राष्ट्र स्तरीय हुआ है, इसके लिए निगम प्रशासन एवं बोर्ड बड़ाई का पात्र हैं, परन्तु उद्घाटन समारोह में पार्षदों की बैठने की समुचित व्यवस्था नहीं की गई थी, इसलिए भविष्य में नगर निगम के कार्यक्रम में पार्षदों की बैठने की विशेष व्यवस्था होनी चाहिए।

महापौर ने आश्वासन दिया कि भविष्य में यह व्यवस्था सुनिश्चित की जाएगी।

प्रतिनिधि  

श्री ओम प्रकाश ने कहा कि निगम द्वारा नक्शा पास तो किया जाता है, परन्तु निर्माण के दौरान इसकी जांच Plinth Label से नहीं होता है और निर्माण पूर्ण होने के बाद भी जांच नहीं होती है, इसी से अतिक्रमण और विचलन होता है। निगम को Gift Deed से प्राप्त भूमि का उपयोग संबंधित व्यक्ति करता है, जबकि इसका उपयोग सार्वजनिक रूप से होना चाहिए। बिग बाजार में पार्किंग में गोदाम बना हुआ है, इस कारण वाहन दुकान के सामने पार्क किये जाते हैं, जिससे यातायात बाधित होती है। इसी क्रम में उन्होंने निम्न के संबंध में जानकारी देने का अनुरोध किया।

- (1) शिवाजी नगर में बिना नक्शा पास कराये अपार्टमेंट का निर्माण हो रहा है।
- (2) बिहारी धर्मशाला के संबंध में क्या कार्रवाई हुई।
- (3) हरमू रोड शक्ति पेट्रोल पम्प के सामने निर्माणाधीन अपार्टमेंट के संबंध में की गई शिकायत पर कार्रवाई।
- (4) वार्ड नं०- 19 में स्कूल के बगल में 6 फीट के रोड में अपार्टमेंट बन रहे हैं।

उन्होंने यह भी कहा कि ऐसे अनेकों मामले हैं, जिनकी जांच होनी चाहिए। इसी प्रकार निगम कार्यालय के बगल में जिला परिषद परिसर में बिल्डिंग बन रही है, इसका नक्शा पास है या नहीं, इसकी जांच की गई है या नहीं?

उप महापौर ने कहा कि ऐसे अनेकों मामले हैं, जिनमें बेसमेंट का उपयोग पार्किंग के लिए न करके दुकान बनाकर बेच दिया गया है, जैसे कचहरी रोड स्थित गोपाल कम्पलेक्स में बेसमेंट में दुकान चल रहे हैं। इससे जाम लगती है। अपर बाजार स्थित चुरुवाला दुकान के सामने मार्केटिंग कम्पलेक्स बन गये हैं और वाहन सड़क पर लगते हैं।

श्री अशोक बड़ाईक ने कहा कि यह बात सच है कि निगम में Man Power की कमी है, एक साथ पूरे रांची शहर की जांच नहीं हो सकती है, परन्तु जन प्रतिनिधि के शिकायत पर जांच अवश्य होनी चाहिए और यह जांच पार्षदों से सम्पर्क कर करनी चाहिए।

श्री ओम प्रकाश ने कहा कि जांच में नगर निवेशक को स्वयं जाना चाहिए।

श्री अशोक खलखो ने कहा कि गत् भूकम्प के दौरान हनुमान नगर में स्थित गोपी कृष्ण अपार्टमेंट में दरार आ गई थी। यह अपार्टमेंट बिना पिलर का बना है, इसकी जांच नहीं हुआ।

श्रीमती बसंती लकड़ा ने कहा कि अंतु चौक के पास अवस्थित परिवार कम्पलेक्स में पार्किंग स्थल पर दुकान है।

श्रीमती सुनिता तिकी ने कहा कि समाचार पत्रों में यह समाचार प्रकाशित हुआ है कि अवैध मकानों की सूची पार्षद देना भूल गये हैं, ऐसी खबरें क्योंकर प्रकाशित होती है?

श्रीमती सुधा देवी ने कहा कि करम टोली से लेकर मोरहाबादी चौक तक जाम रहती है, परिवार कम्पलेक्स के पास भी जाम लगता है।

श्री अशोक यादव ने कहा कि कुछ दिन पूर्व बेसमेंट की जांच प्रारम्भ हुई थी, कितनों पर जांच हुआ एवं कितनों पर कार्रवाई हुई, इसकी जानकारी बोर्ड में आना चाहिए।

श्री प्रदीप कुमार ने कहा कि पूरे झारखण्ड में एक मात्र रांची शहर का चयन स्मार्ट सिटी में हुआ है, परन्तु शहर की स्थिति बदहाल है। पैसेवाले अतिक्रमण करते हैं। कडरु बाईपास में कार्तिक उरांव चौक के पास ओपेन स्पेस को हाउसिंग बोर्ड द्वारा विक्रय कर दिया गया है और कार्य भी प्रारम्भ है, यह गलत है। इसकी जांच करवायी जानी चाहिए कि भूमि ओपेन स्पेस है या F.D Plot है या खतियानी है।

श्री

S. M. J.

2012/12/25

श्री मो० असलम ने कहा कि विगत दो बैठकों से हरमू बाईपास रोड में नदी के पास ओपेन स्पेश में अजय मारु जी का कम्प्लेक्स निर्माण हो रहा है, के जांच के संबंध में प्रश्न उठाया जा रहा है, इसकी जानकारी मिलनी चाहिए। हरमू नदी के किनारे से गरीबों को हटाया जाता है, परन्तु अमीरों को क्यों नहीं?

श्री अरुण झा ने कहा कि शहर के विभिन्न क्षेत्रों में यह शिकायत मिलती है कि नाली का पानी सड़क पर, इसके लिए स्वास्थ्य शाखा जिम्मेवार नहीं है, इसके जिम्मेवार नगर निवेशन शाखा है। नक्शा पास होने के पूर्व इसका भौतिक सत्यापन आवश्यक है कि 20 वर्षों के पश्चात् नाली की क्या व्यवस्था होगी, इसे सुनिश्चित होने के उपरान्त ही नक्शा पास होनी चाहिए। काफी प्रयास के पश्चात् 80 लाख रू० की लागत से उनके वार्ड में तालाब का सौंदर्यीकरण हुआ, परन्तु नाली के कारण यह गन्दा हो गया, क्योंकि बगल में 10 फीट चौड़ाई के सड़क पर अपार्टमेंट निर्माण हो गया है। बिल्डर बनाते समय दुसरे की भूमि को सड़क में दिखाते हैं। वार्ड में दो इमारतों की जांच होनी चाहिए और जबतक पानी निकासी की व्यवस्था न हो, तबतक कार्य पर रोक लगनी चाहिए।

श्रीमती नाजिमा रजा ने कहा कि नगर निगम द्वारा पार्श्वों के पत्र का जवाब नहीं दिया जाता है। 2009 से अबतक जितने नक्शे निष्पादित हुए हैं, उसकी सूची पार्श्वों को दी जाए, ताकि पार्श्व को जानकारी रहे, क्योंकि यह भी देखा गया है कि नक्शा दुसरे वार्ड का पास होता है और निर्माण दुसरे वार्ड में।

श्रीमती हुस्ना आरा ने कहा कि नक्शा वार्ड नं०- 30 के लिए पास हुआ और इसका निर्माण उनके वार्ड में किया गया।

श्रीमती आशा देवी गुप्ता ने कहा कि ड्रेनेज सिस्टम के कारण स्वर्णरेखा नदी का पानी दुषित हो रहा है। उनके वार्ड में Hospital का पार्किंग सड़क पर होता है।

उप महापौर ने कहा कि एक वर्ष पूर्व भी नक्शा स्वीकृति के पूर्व इसका भौतिक सत्यापन पार्श्वों से कराने की बात उठायी गयी थी। हरिहर सिंह रोड के संदर्भ में ही यह आयी थी, वहां नारकीय स्थिति है। नाली का निकास कहां होगा, इसपर किसी का ध्यान नहीं है। कोई भी नक्शा पास होता है, तो पार्श्वों को जानकारी मिलनी चाहिए। वर्तमान में नये नगर निवेशक योगदान दिये हैं, विश्वास है कि वे सार्थक सौच के साथ कार्य प्रारम्भ करेंगे और ऐसी घटनाओं की पुनरावृत्ति नहीं होगी।

श्री ओम प्रकाश ने कहा कि दो वर्ष पूर्व एक व्यक्ति को पत्र दिया गया कि नक्शा पास हो चुका है, जब वे कार्यालय आये तो पता चला कि यह ओपेन स्पेश है और उनका फाईल गुम हो गई और उन्हीं के भूमि के बगल वाले का नक्शा पास है।

नगर आयुक्त ने कहा कि,

- (1) वर्तमान में जो नक्शे पास हो रहे हैं, उनमें यह शर्त लगायी गयी है कि Plinth Label तक निर्माण होने के उपरान्त संबंधित कनीय अभियंता के द्वारा इसकी जांच की जायेगी, उसके पश्चात् ही कार्य प्रारम्भ होगा।
- (2) भूमि मालिक एवं बिल्डर के बीच निबंधित एकरारनामा होना चाहिए, नहीं तो नक्शा निर्गत नहीं किया जाता है।
- (3) गिफ्ट की गई भूमि की जांच महात्मा गांधी मार्ग से करायी गयी है, 2-3 स्थलों में अतिक्रमण पाया गया था, उसे हटाया जा चुका है।
- (4) बिग बाजार के मामले में सुनवाई उनके न्यायालय में चल रहा है, इसलिए इस मामले में कुछ भी कहना उचित नहीं है।

हिमा

5-12-2012

माता लाल

- (5) बेसमेंट की जांच हेतु गठित टीम का Performance ठीक नहीं है, अबतक मात्र 5-6 के संबंध में ही प्रतिवेदन प्राप्त है। यदि Performance में सुधार नहीं आया, तो संबंधितों का वेतन रोका जायेगा।
- (6) बिना नक्शा पारित किये गये अपार्टमेंट निर्माण के संबंध में 5-6 U.C Case चल रहे हैं।
- (7) नगर निवेशन शाखा में तकनीकी पदाधिकारियों की कमी है, इसलिए अतिरिक्त पद स्वीकृत करने हेतु सरकार से अनुरोध किया जा चुका है।
- (8) बिहारी धर्मशाला का मामला उनके संज्ञान में है। विधि शाखा एवं बाजार शाखा को सम्पूर्ण तथ्यों की जानकारी समेकित करने हेतु निदेशित किया गया है।
- (9) अवैध निर्माण के लिये संबंधित वार्ड के कनीय अभियंता उत्तरदायी होंगे। तत्संबंधी आदेश यथाशीघ्र निर्गत किया जायेगा।
- (10) हरिहर सिंह रोड में ड्रेनेज व्यवस्था प्रस्तावित सिवरेज-ड्रेनेज परियोजना के उपरान्त ही ठीक हो सकेगी। Building bylaws में बहुत सी कमियाँ हैं, उनमें संशोधन की आवश्यकता है। सरकार स्तर पर इसपर विचार हो रहा है। भविष्य में संबंधित से यह भी शपथ पत्र लिया जायेगा कि ड्रेन के प्राकृतिक बहाव को नहीं रोका जायेगा।

निदेश प्राप्त होने पर विधि परामर्शी द्वारा बताया गया कि,

- (1) हरमू नदी के पास निर्गत हो रहे कम्पलेक्स के विरुद्ध नोटिस निर्गत है। इस नोटिस का जवाब नहीं आया है। यह एक अर्द्ध न्यायिक प्रक्रिया है। 2-3 Date के बाद भी कोई उपस्थित या जवाब नहीं देते हैं, तो निगम द्वारा यथोचित आदेश पारित किया जा सकेगा।
- (2) गोपाल कम्पलेक्स, परिवार कम्पलेक्स एवं चुरुवाला के सामने वाली कम्पलेक्स की संचिका विधि शाखा में नहीं है, इसके विषय में जानकारी प्राप्त कर ली जायेगी।

नगर आयुक्त ने निदेशित किया कि विधि शाखा, नगर निवेशन शाखा को आदेशित करेगा कि संबंधित संचिकायें विधि शाखा को तत्काल उपलब्ध कराये जाये और यदि आदेश का अनुपालन नहीं किया जाता है, तो संबंधित का वेतन रोकने की कार्रवाई की जायेगी।

महापौर ने निदेशित किया कि पार्षदों से प्राप्त शिकायतों पर तत्काल कार्रवाई होनी चाहिए।

श्रीमती साजदा खातुन ने कहा कि उनके वार्ड के अपार्टमेंट में 6 ईंच का बोरिंग अवैध रूप से कराया गया है, इससे पानी की समस्या और गम्भीर होगी। उन्होंने Water Harvesting System को सुदृढ़ करने पर बल दिया।

नगर आयुक्त ने कहा कि Water Harvesting System का Provision Building Bylaws में है। सरकार इसे वृहत तौर पर लागू करने पर विचार कर रही है। होलिंग टैक्स की नयी नियमावली में यह प्रावधान किया जा रहा है कि जिस आवास में यह व्यवस्था नहीं होगी, उन आवासों से 1.5 गुणा अधिक कर ली जायेगी।

श्री ओम प्रकाश ने शिवाजी लेन एवं शक्ति पेट्रोल पम्प के सामने निर्माणाधीन अपार्टमेंट के संबंध में उनके द्वारा की गई शिकायत पर की गई कार्रवाई एवं बिहारी धर्मशाला के संबंध में जानकारी उपलब्ध कराने का अनुरोध किया।

निर्माणाधीन

5-4-2

निर्माणाधीन

इस संबंध में निदेश प्राप्त होने पर बताया गया कि दोनों अपार्टमेंट को नोटिस किया जा रहा है। इसके पश्चात् ही U.C Case चलाया जा सकता है। बिहारी धर्मशाला के संबंध में विधि शाखा द्वारा मंतव्य दिया जा चुका है।

श्रीमती नाजिमा रजा ने कहा कि यह नियम बन जानी चाहिए, कि पार्श्वों को स्वीकृत नक्शा की सूची प्राप्त हो जाए।

श्री ओम प्रकाश ने कहा कि निगम भूमि अतिक्रमित है, दरमोकरी पर जितनी भी भूमि दी गई है, उसकी जांच होनी चाहिए। कनीय अभियंताओं की कमी है, तो जन प्रतिनिधियों की कमिटी गठित कर कनीय अभियंता को साथ में जाना चाहिए।

श्री प्रदीप कुमार ने कहा कि हाउसिंग बोर्ड सरकारी संस्था है, यदि इनके द्वारा गलत कार्य किया जाता है, तो कार्रवाई होनी चाहिए।

श्री अरुण झा ने कहा कि हाउसिंग बोर्ड ओपेन स्पेश में भवन निर्माण कार्य करना प्रारम्भ किया है, बिरसा राजपथ के बगल में यह कार्य हो रहा है।

नगर आयुक्त ने कहा कि यह हाउसिंग बोर्ड का मामला है, निगम सीधे हस्तक्षेप नहीं कर सकता है, फिर भी श्री प्रदीप जी के अभ्यावेदन के आलोक में हाउसिंग बोर्ड से पत्राचार किया जायेगा।

श्रीमती रोशनी खलखो ने कहा कि एक अपार्टमेंट में 7-8 बोरिंग किये जाते हैं, पार्श्वों की भूमिका नक्शा में तय होनी चाहिए, नक्शा पास करने के पूर्व पार्श्व से NOC लेनी चाहिए, 2009 से अबतक पारित नक्शा की सूची उपलब्ध करायी जाए।

नगर आयुक्त ने आश्वस्त किया कि पार्श्वों को पारित नक्शे की सूची उपलब्ध करायी जायेगी।

श्री अशोक खलखो ने कहा कि उनके वार्ड में माननीय विधायक (कांके विधान सभा) के आवास के पास 8 फीट की चौड़ाई वाली रोड पर अपार्टमेंट का नक्शा पास किया गया है।

माननीय विधायक, डा० जितु चरण राम ने विचार व्यक्त किया कि 6 फीट की रोड में अपार्टमेंट का नक्शा कैसे पास होता है, इसकी जांच होनी चाहिए।

श्रीमती पुष्पा तिकी ने कहा कि उनके वार्ड में साकेत नगर में मीरा जायसवाल के आवास के बगल में नाला पर पीलर खड़ा कर भवन निर्माण हो रहा है, न्यू पोखर टोली, न्यू गौस नगर में बिना नक्शा पास कराये अपार्टमेंट का निर्माण हो रहा है।

नगर आयुक्त ने आश्वस्त किया कि इसकी जांच करायी जायेगी, तदुपरान्त ही U.C Case हो सकता है, यह एक अर्द्धन्यायिक प्रक्रिया है।

महापौर ने कहा कि नक्शा एक गम्भीर मामला है, 6'-8' रोड में अपार्टमेंट यदि पास हुआ है, तो यह गलत हुआ है, इसकी जांच कर कार्रवाई होनी चाहिए।

उप महापौर ने कहा कि नक्शा पास कराए बिना जो अपार्टमेंट बन रहे हैं, तो उसकी जांच कर, कनीय अभियंताओं की Accountability होना चाहिये।

नगर आयुक्त ने कहा कि जब से निगम द्वारा नक्शा पास हो रहे हैं, उसकी सूची पार्श्वों को दी जायेगी।

विशेष
Q. S. K. J. R.
मिश्रा 26/

श्रीमती रोशनी खलखो ने कहा कि जो भी नया नक्शा का आवेदन आता है, उसकी भी सूची दी जाए, नक्शे में पार्श्वों की भूमिका होनी चाहिए।

नगर आयुक्त द्वारा स्पष्ट किया गया कि Building bylaws से अलग हट कर कार्रवाई नहीं हो सकती है।

श्री मो० सलाउद्दीन ने कहा कि वार्ड में कौन सी बिल्डिंग बन रही है, कौन बना रहा है, इसकी जानकारी पार्श्वों को होनी चाहिए। निर्माण कार्य प्रारम्भ होने से अंत तक की निगरानी पार्श्वों के द्वारा अधिकार के साथ होनी चाहिए।

श्रीमती साजदा खातुन ने कहा कि बिना जांच किये, नक्शा पास के उपरान्त ब्लेयर अपार्टमेंट बना है, जिसमें नाली निकासी नहीं है, पास का मकान गिरने पर है, इसपर कोई कार्रवाई नहीं हुई।

नगर आयुक्त ने कहा कि प्रत्येक व्यक्ति अपने इलाके में नाली का बहाव रोक रहा है, जिसके कारण ऐसा हो रहा है, प्राकृतिक बहाव के लिए कानूनन शक्ति होनी चाहिए, तभी यह संभव हो सकेगा।

श्रीमती नाजिमा रजा ने कहा कि बोर्ड का गठन इसीलिये है कि कानून बनाये। यदि नहीं बन सकते हैं, तो निगम से नक्शा को हटा देना चाहिए।

श्री गुलाम सरवर रिजवी ने कहा कि बहुत से U.C Case Pending है। न्यायिक प्रक्रिया सिर्फ गरीबों के लिए है, अमीरों के लिए नहीं, इसपर विचार किया जाना चाहिए। यदि यह मान भी लिया जाय कि नक्शा RRDA पास करेगा, तो भी यह समस्या रहेगी, पार्श्वों को समस्या का सामना करना ही होगा।

उप महापौर ने कहा कि सरकार पर लगातार हमलोग दबाव दे रहे हैं कि 74वें संविधान के अन्तर्गत निगम को शक्ति प्रदान की जाए। हमें System कैसे ठीक किया जाए, इस ओर ध्यान देना है, जब भी कोई नक्शा का आवेदन प्राप्त होता है, तो इसकी सूची पार्श्वों को दी जाए।

महापौर ने कहा कि निगम को निष्पक्ष होकर कार्य करना है। अभी सबसे अहम मुद्दा शहर में पेयजल की समस्या है, पेयजल एवं स्वच्छता विभाग अलग विभाग होने के कारण निगम का कोई Control उसपर नहीं है।

श्री ओम प्रकाश ने कहा कि पार्श्वों के पत्र का कोई जवाब नहीं दिया जाता है।



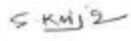

महापौर ने निर्देशित किया कि पार्श्वों के पत्र का जवाब यथाशीघ्र देना चाहिए।

श्री ओम प्रकाश ने कहा कि गत् स्थायी समिति का मामला इस बैठक में नहीं आया है।

नगर आयुक्त ने कहा कि स्थायी समिति की बैठक गत् शनिवार को ही हुई, बोर्ड की अगली बैठक में स्थायी समिति की कार्यवाही उपस्थापित की जायेगी।

श्री मो० असलम ने कहा कि नागरिक सुविधा मद से LED Light लगाने का कार्य प्रारम्भ है, परन्तु वार्ड नं०- 26, 24 में अबतक नहीं लगी है।

इस क्रम में बताया गया कि लाईट लगाने का कार्य प्रारम्भ है, निकट भविष्य में इन वार्डों में भी लाईट अधिष्ठापित हो जायेंगे।

निम्नलिखित हस्ताक्षर हैं:    

श्रीमती उर्मिला यादव ने कहा कि जो पार्श्व नगरिक सुविधा मद से लाईट के स्थान पर अन्य कार्य हेतु अनुशंसा दिये हैं, उनका कार्य नहीं हो रहा है।

इस संबंध में बतलाया गया कि HEC क्षेत्र में सामुदायिक भवन निर्माण हेतु HEC प्रबंधन से NOC निर्गत करने हेतु अनुरोध किया गया है। NOC प्राप्त होने के उपरान्त ही अग्रेतर कार्रवाई संभव हो सकेगी।

श्रीमती उर्मिला यादव ने कहा कि उनके द्वारा दो आवेदन दिया गया था, परन्तु HEC प्रबंधन कहते हैं कि उनके पास पत्र नहीं आया है।

उप महापौर के द्वारा माननीय विधायक (खिजरी विधान सभा) से अनुरोध किया गया कि HEC क्षेत्र के 06 (छः) वार्ड हैं, उनके पार्श्वों के द्वारा दिये जाने वाले आवेदन पर HEC प्रबंधन से NOC दिलाने का कष्ट किया जाए।

माननीय विधायक (खिजरी विधान सभा) ने आश्वस्त किया कि आवेदन पत्र की प्रति उन्हें उपलब्ध करायी जाए, HEC प्रबंधन से व वार्ता करेंगे।

श्रीमती उर्मिला यादव ने कहा कि HEC क्षेत्र में डीप बोरिंग की अनुमति निगम द्वारा दी जानी चाहिए। इससे निगम को राजस्व की प्राप्ति होगी और जनता को सुविधा होगी।

श्रीमती सुविता रानी राय ने कहा कि पानी की राशनिंग होने के कारण सप्ताह में दो दिन पानी दिया जा रहा है, स्थिति बहुत ही खराब है। चापाकल की मरम्मत भी नहीं हो रही है और HYDT भी खराब है।

श्रीमती किरण देवी ने सभी वार्डों में दो-दो डीप बोरिंग कराने की मांग की।

माननीय विधायक (खिजरी विधान सभा) ने कहा कि कोष की कमी है, परन्तु यह प्रयास किया जायेगा कि जल संकट दूर हो सके।

श्रीमती तब्बसुम निगार ने कहा कि उनके वार्ड में काठपुल का पक्कीकरण कराया जाए।

महापौर ने कहा कि यह विषय PWD का है।

श्री अशोक खलखो ने कहा कि वर्ष 2014-15 में पथ निर्माण मद में प्राप्त राशि की जानकारी दी जाए।

श्री मो0 असलम ने कहा कि सरकार से यह अनुरोध किया जाना चाहिए कि नागरिक सुविधा कोष से पथ/नाली का भी निर्माण कराया जाए। उन्होंने 14वें वित्त आयोग के अधीन राशि प्राप्ति की जानकारी उपलब्ध कराने का अनुरोध किया।

नगर आयुक्त ने बताया कि 14वें वित्त आयोग के अधीन 16 करोड़ रु0 निगम को प्राप्त है।

श्री मो0 असलम ने कहा कि उनके वार्ड में सड़क निर्माण हेतु जो निविदा आमंत्रित है, वह पथ निगम भूमि के बीच से निकाला जा रहा है। इसकी जांच करायी जाए।

श्रीमती आशा देवी गुप्ता ने कहा कि विवेकानन्द पथ, लाईन टैंक रोड, पुरुलिया रोड, ईस्ट जेल रोड जैसे महत्वपूर्ण पथों पर LED Light नहीं लगे हैं।

निर्वाह

स.क.ज.३

मि.श.रु.६५

उप नगर आयुक्त ने आश्वस्त किया कि इसकी जांच कर ली जाएगी।

श्रीमती नाजिमा रजा ने 2013-14, 2014-15 में प्राप्त आवंटन की जानकारी उपलब्ध कराने का अनुरोध किया।

नगर आयुक्त द्वारा निदेशित किया गया कि 2013-14, 2014-15 में प्राप्त आवंटन की जानकारी सभी पार्षदों को विवरणी एक सप्ताह के अन्दर उपलब्ध करा दी जाएगी।

श्री मो0 असलम ने अनुरोध किया कि नगर विकास विभाग से नाली निर्माण मद में राशि उपलब्ध कराने का अनुरोध किया जाए।

श्री मो0 सलाउद्दीन ने कहा कि उनके वार्ड पानी के मामले में असेर्निक क्षेत्र है। C.I Pipe में T Connection हो चुका है, परन्तु पाईप की सफाई अबतक नहीं हुई है, इसलिए पानी का प्रेशर नहीं है। गुदड़ी चौक, आजाद बस्ती में पानी नहीं मिल रहा है। पेयजल का कार्य निगम स्वयं करें या पेयजल स्वच्छता विभाग।

श्रीमती नाजिमा रजा ने कहा कि गुदड़ी चौक से आजाद बस्ती तक पानी नहीं मिल रहा है, जनता काफी कष्ट में है।

निर्देश प्राप्त होने पर अधीक्षण अभियंता (जलापूर्ति) द्वारा बतलाया गया कि उक्त क्षेत्र से अवैध कनेक्शन हटा दिए गए हैं। सी0आई0 पाईप से संबंधित सभी कार्य पेयजल एवं स्वच्छता विभाग द्वारा किया जाना है। इस संबंध में उन्हें पत्र भी दिया गया है।

महापौर द्वारा निदेशित किया गया कि पेयजल एवं स्वच्छता विभाग के कार्यपालक अभियंता के साथ एक बैठक बुलाया जाए।

अधीक्षण अभियंता (जलापूर्ति) द्वारा बताया गया कि 27 तारीख को बैठक आहूत की जा रही है।

महापौर ने निदेशित किया कि उक्त बैठक में पेयजल संबंधी बातें पार्षद रखेंगे।

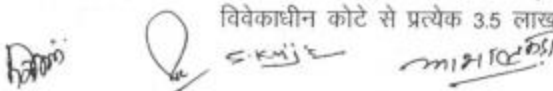
श्री धर्मू लिण्डा ने कहा कि,

- (1) हटिया स्वर्णरेखा नदी का अतिक्रमण हो रहा है।
- (2) हटिया स्वर्णरेखा नदी एवं उसके बगल में छठ घाट और श्मशान घाट का सौंदर्यीकरण कराया जाए।
- (3) तुपुदाना चौक में हाईमास्ट लाईट लगाया जाए।
- (4) तुपुदाना चौक टेम्पो स्टैंड की बन्दोबस्ती की जाए।
- (5) तुपुदाना में क्रेशर धड़ल्ले से चल रहे हैं।
- (6) फैक्ट्री का पानी नदी में जा रहा है।

महापौर ने कहा कि नदी में फैक्ट्री का पानी जा रहा है, इसलिए उद्योग विभाग एवं प्रदुषण बोर्ड को पत्र भेजा जाए।

श्री कुलभूषण डुंगडुंग ने कहा कि उनके वार्ड में गिसिंग पाईप लाईन यथाशीघ्र बिछवाया जाए। उन्होंने अनुरोध किया कि उनके वार्ड में प्रस्तावित पार्क के निर्माण हेतु 11 लाख रू0 की कमी हो रही है, उसे उपलब्ध कराया जाए।

निर्णय :- माननीय महापौर, उप महापौर एवं नगर आयुक्त नागरिक सुविधा मद के उनके विवेकाधीन कोटे से प्रत्येक 3.5 लाख रू0 अनुशसित करेंगे।



श्री कुलमूषण डुंगडुंग ने उनके वार्ड के तालाबों का सुन्दरीकरण की बात उठायी।

निर्णय :- DPR तैयार करने हेतु तालाबों की सूची में इसे सूचीबद्ध किया जाए।

श्रीमती रोशनी खलखो ने उनके वार्ड कार्यालय की मरम्मत की बात उठायी।

इस संबंध में स्थिति स्पष्ट किया गया कि 2010 में वार्ड कार्यालय के निर्माण हेतु जो आवंटन प्राप्त हुए हैं, उनमें कुछ राशि अवशेष है, परन्तु इसका उपयोग मरम्मत मद में नहीं किया जा सकता है। नागरिक सुविधा मद में प्रत्येक वार्ड के लिए आवंटित राशि से मरम्मत कराने की अनुशंसा की जा सकती है।

श्री सुरेन्द्र नायक ने अनुरोध किया कि फेज- I के प्रस्तावित सिवरेज-ड्रेनेज परियोजना का नक्शा उपलब्ध कराया जाए, ताकि पानी बहाव की जानकारी प्राप्त हो सके।

निर्णय :- संवेदक फर्म अभियंत्रण शाखा एवं परामर्शी फर्म के साथ संबंधित वार्ड के पार्श्वों की एक बैठक निकट भविष्य में आहुत की जाएगी। इस परियोजना में अभी सर्वे का कार्य चल रहा है। सर्वे पूर्ण होने के उपरान्त इसका नक्शा उपलब्ध करा दी जाएगी।

श्रीमती हुस्ना आरा ने कहा कि उनके वार्ड में कितने ट्रक स्टोन-डस्ट की स्वीकृति दी गई है, जानकारी दी जाए।

नगर आयुक्त ने बताया कि स्वीकृत्यादेश निर्गत है, भुगतान करना प्रक्रियाधीन है।

तत्पश्चात् कार्यवृत्त पर चर्चा प्रारम्भ हुई।

कार्यवृत्त सं०- 01

विषय :- दिनांक 10.10.2015 को सम्पन्न रांची नगर निगम बोर्ड बैठक कार्यवाही की सम्पुष्टि।

निर्णय :- सम्पुष्ट किया गया।

कार्यवृत्त सं०- 02

विषय :- दिनांक 10.10.2015 को सम्पन्न रांची नगर निगम बोर्ड बैठक में लिये गये निर्णयों से संबंधित अनुपालन प्रतिवेदन।

निर्णय :- अनुपालन प्रतिवेदन स्वीकार किया गया।

कार्यवृत्त सं०- 03

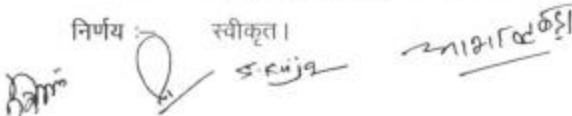
विषय :- सेवानिवृत्त/मृत कर्मचारियों को उपादान राशि स्वीकृत करने के संबंध में।

निर्णय :- स्वीकृत।

कार्यवृत्त सं०- 04

विषय :- Repair of Submersible Motor Pump Panel Board & other damaged items of Mini Water Supply Scheme (HYDT) in deferent Wards of Ranchi Municipal Corporation, Ranchi की घटनोत्तर स्वीकृति।

निर्णय :- स्वीकृत।



कार्यवृत्त सं०- 05

विषय :- निगम सीमा के बाहर अवस्थित अस्पताल, सरकारी कार्यालय, सार्वजनिक प्रतिष्ठानों से ठोस अपशिष्ट उठाव करने के संबंध में।

निर्णय :- स्वीकृत।

कार्यवृत्त सं०- 06

विषय :- जल संकट और समाधान।

श्री अरुण झा द्वारा चर्चा प्रारम्भ करते हुए विचार व्यक्त किया गया कि धुर्वा डैम से पानी का राशनिंग किया जा रहा है। शहर में व्याप्त जल संकट पर विस्तृत चर्चा होनी चाहिए।

श्री ओम प्रकाश ने कहा कि अभी गर्मी आने में समय है, परन्तु जल संकट गम्भीर है, इस जल संकट से पिनटने के लिए निगम द्वारा क्या तैयारी की जा रही है, इसकी जानकारी उपलब्ध कराया जाए।

निदेश प्राप्त होने पर अधीक्षण अभियंता (जलापूर्ति) ने बताया कि नये HYDT एवं चापाकल अधिष्ठापन हेतु Annual Rate Contract का Tender निष्पादित होने की प्रक्रिया है। चापाकल मरम्मत के लिए Pipe, Spare Parts एवं गाड़ी उपलब्ध है।

नगर आयुक्त ने बताया कि पहले निविदा, संख्या के आधार पर होती थी, अब पूरे साल के लिए Rate Contract किया जा रहा है, इसमें संख्या की बाध्यता नहीं रहेगी। माननीय मुख्यमंत्री की अध्यक्षता में सम्पन्न बैठक में लिए गए निर्णयानुसार धुर्वा डैम से जिन क्षेत्रों में जलापूर्ति होती है, उन क्षेत्रों में 101 चापाकल लगाये जायेंगे। Dead चापाकलों की सूची के अनुसार 334 चापाकल हैं, वार्डों के दृष्टिकोण से देखा जाए, तो किसी वार्ड में 30-40 Dead चापाकल हैं, किसी वार्ड में 4-5 हैं। इस 334 चापाकलों के विषय में बोर्ड यह निर्णय ले ले कि यदि राशि उपलब्ध होती है, तो जिन वार्डों में जितनी संख्या में चापाकल Dead है, उतनी संख्या में नये चापाकल लगाये जाए। इससे यह भी संभावना होगी कि किसी एक वार्ड में एक भी चापाकल नहीं लगे। दुसरा विकल्प यह है कि Dead चापाकल के विषय को छोड़ दिया जाए और सभी वार्डों में बराबर-बराबर संख्या में चापाकल लगाये जाए, परन्तु यह राशि की उपलब्धता पर निर्भर है। Water User Charge की वसूली बढ़ाने का प्रयास किया जा रहा है। 334 चापाकल के संबंध में बोर्ड जो निर्णय लेगा, उसी निर्णय के आलोक में राशि उपलब्धता पर नये चापाकल लगाये जा सकेंगे।

सम्यक विचारोपरान्त यह निर्णय लिया गया कि 40% चापाकल Dead चापाकल के विरुद्ध कर्णांकित रहेंगे और 60% चापाकल बराबर की संख्या में सभी वार्डों में अधिष्ठापित किये जायेंगे।

कार्यवृत्त सं०- 07

विषय :- सड़क में लगने वाले सब्जी बाजार को उसी क्षेत्र में व्यवस्थित करने हेतु विचार-विमर्श।

प्रस्ताव के विषय में उप महापौर ने कहा कि किसी भी वार्ड में सब्जी मंडी की जगह निर्धारित नहीं है। प्रत्येक जगह रोड के किनारे ये लगते हैं। उन्होंने अनुरोध किया कि जिन वार्डों में रोड के किनारे सब्जी मंडी लगती है, सभी माननीय पार्श्व इसकी सूची उपलब्ध करा दें, तो स्थल चयन कर सब्जी मंडी निर्माण हेतु DPR तैयार करवाया जा सकता है। लालपुर से डिस्टलरी रोड पर दोनों तरफ सब्जी मंडी है, स्थिति भयावह है, यातायात काफी बाधित होता है और नागरिकों से इसे अन्यत्र हस्तान्तरित करने हेतु बराबर अनुरोध प्राप्त होता है, इस पथ पर सब्जी नहीं बिकनी चाहिए। इस

विम
5-11-2017
21/11/2017

संबंध में माननीय मंत्री, नगर विकास एवं आवास विभाग द्वारा भी चिन्ता व्यक्त की गई है। पूर्व में बिरसा समाधि स्थल की ओर नाला के उपर बहुमंजिली सब्जी मार्केट बनाने का DPR तैयार करवाया गया था, परन्तु यह बताया गया था कि नक्शा पास नहीं हो सकता है। परन्तु स्थिति के भयावहता एवं भूमि की अनुपलब्धता के कारण माननीय मंत्री महोदय ने आश्वासन दिया है कि इस DPR के आधार पर सरकार को पुनः प्रस्ताव भेजा जाए, सरकार इसे कैबिनेट में स्वीकृति हेतु उपस्थापित करेगी। माननीय मुख्यमंत्री ने भी निदेशित किया है कि सब्जी मंडी व्यवस्थित होनी चाहिए। भूमि किसी भी विभाग का होगा, इसपर प्रस्ताव तैयार कर भेजा जाए।

निर्णय :- तैयार DPR सरकार को अनुरोध के साथ यथाशीघ्र प्रेषित की जाए।

श्रीमती नाजिमा रजा ने कहा कि बहु बाजार को व्यवस्थित किया जाए।

श्री मो० असलम ने कहा कि डेली मार्केट का कार्य अबतक प्रारम्भ नहीं हुआ है।

नगर आयुक्त ने कहा कि डेली मार्केट का निर्माण कार्य प्रारम्भ कराया जाना आवश्यक है, उसके पूर्व दुकानदारों के लिए वैकल्पिक व्यवस्था भी तैयार करनी होगी, इसमें आप सबों का सहयोग अपेक्षित है। इस साथ इस संबंध में दिसम्बर माह में कोई तिथि निर्धारित कर आप सबों के साथ बैठक की जाएगी।

अन्यान्य के अन्तर्गत उपस्थापित प्रस्ताव।

अन्यान्य- 01

विषय :- स्मार्ट सिटी परियोजना के लिए गठित SPV को अधिकार प्रदान करने के संबंध में।

प्रस्ताव के विषय में नगर आयुक्त द्वारा विस्तृत जानकारी उपलब्ध करायी गयी एवं बताया गया कि स्मार्ट सिटी परियोजना हेतु गठित किए जाने वाले SPV को झारखण्ड नगरपालिका अधिनियम 2011 में निगम बोर्ड को प्राप्त शक्तियों का स्मार्ट सिटी के संदर्भ में निर्णय लेने हेतु SPV को प्राधिकृत किया जाए।

निर्णय :- स्वीकृत।

अन्यान्य- 02

विषय :- झारखण्ड नगरपालिका अधिनियम 2011 एवं सरकारी नियम के अधीन रांची नगर निगम को निर्णय लेने हेतु प्राप्त शक्तियों का स्मार्ट सिटी SPV के मुख्य कार्यपालक पदाधिकारी को प्रदान करने के संबंध में।

प्रस्ताव के विषय में नगर आयुक्त द्वारा विस्तृत जानकारी उपलब्ध करायी गई एवं बताया गया कि स्मार्ट सिटी के परिपेक्ष्य में गठित होने वाले SPV के मुख्य कार्यपालक पदाधिकारी/मुख्य कार्यकारी पदाधिकारी (जो कि SPV के अध्यक्ष होंगे) को झारखण्ड नगरपालिका अधिनियम 2011 में तथा सरकार के किसी नियम, अनुदेश, आदेश, विनियमन आदि के संबंध में निगम बोर्ड को प्राप्त शक्तियों का प्रयोग करने हेतु प्राधिकृत किया जाए।

निर्णय :- स्वीकृत।

Am

S.K. J.

आशा रंजन

अन्योन्य- 03

विषय :- रूगड़ीगढ़ा स्लम में BSUP योजनान्तर्गत निर्मित G+3 आवास में प्लैट आवंटन हेतु अभ्यावेदन के संबंध में।

निर्णय लिया गया कि प्रस्ताव को पूर्ण-रूपेण समेकित करते हुए बोर्ड की अगली बैठक में उपस्थापित किया जाए।

तत्पश्चात् धन्यवाद के साथ बैठक समाप्त की गई।

ह0/-
महापौर,
रांची नगर निगम, रांची।

ज्ञापांक/रांची, दिनांक 2015.
प्रतिलिपि :- प्रधान सचिव, नगर विकास एवं आवास विभाग, झारखण्ड, सरकार, रांची को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।

ह0/-
अपर नगर आयुक्त,
रांची नगर निगम, रांची।

ज्ञापांक/रांची, दिनांक 2015.
प्रतिलिपि :- आयुक्त, दक्षिणी छोटानागपुर प्रमण्डल, रांची को सूचनार्थ प्रेषित।

ह0/-
अपर नगर आयुक्त,
रांची नगर निगम, रांची।

ज्ञापांक/रांची, दिनांक 2015.
प्रतिलिपि :- माननीय महापौर/उप महापौर, रांची नगर निगम, रांची को सूचनार्थ प्रेषित।

ह0/-
अपर नगर आयुक्त,
रांची नगर निगम, रांची।

ज्ञापांक/रांची, दिनांक 2015.
प्रतिलिपि :- माननीय श्री चन्द्रेश्वर प्रसाद सिंह, माननीय मंत्री, नगर विकास एवं आवास विभाग -सह- विधायक, रांची, विधान सभा -सह- पदेन सदस्य/माननीय श्री रामटहल चौधरी, सांसद, रांची -सह- पदेन सदस्य, रांची नगर निगम, रांची को सूचनार्थ प्रेषित।

ह0/-
अपर नगर आयुक्त,
रांची नगर निगम, रांची।

ज्ञापांक/रांची, दिनांक 2015.
प्रतिलिपि :- (1) डा0 जितु चरण राम, माननीय विधायक, कांके विधान सभा,
(2) श्री रामकुमार पाहन, माननीय विधायक, खिजरी विधान सभा,
(3) श्री नवीन जायसवाल, माननीय विधायक, हटिया विधान सभा को सूचनार्थ प्रेषित।

ह0/-
अपर नगर आयुक्त,
रांची नगर निगम, रांची।

ज्ञापांक/रांची, दिनांक 2015.

प्रतिलिपि :- सभी माननीय पार्षदों को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।

हO/-

अपर नगर आयुक्त,
रांची नगर निगम, रांची।

ज्ञापांक 4787/रांची, दिनांक 09-12-2015.

प्रतिलिपि :- मुख्य अभियंता/अधीक्षण अभियंता; अभियंत्रण शाखा/अधीक्षण अभियंता, जलापूर्ति शाखा/उप नगर आयुक्त/सहायक कार्यपालक पदाधिकारी/स्वा. वि. पदाधिकारी/विधि परामर्शी/मुख्य लेखा पदाधिकारी, रांची नगर निगम, रांची को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।

प्रतिलिपि :- स्थापना शाखा/बाजार शाखा/प्रभारी, जलापूर्ति/अभियंत्रण शाखा/नगर निवेशन शाखा/विद्युत शाखा/राजस्व शाखा/PIU Sec. एवं डोरण्डा अंचल को सूचनार्थ एवं शाखा से संबंधित कंडिकाओं पर अनुपालन प्रतिवेदन तैयार कर प्रस्तुत करने हेतु प्रेषित।

9/12/15
अपर नगर आयुक्त,
रांची नगर निगम, रांची।

Annexure 4.9

Resolution of UD &HD GoJ vide letter no 1597 Dated 21/3/16 regarding the formation of Jharkhand Urban Planning and Management Institute (JUPMI)

Formation of
JUPMI

2022-23-24
शहरी नगर विकास, (सिटी)

झारखण्ड सरकार
नगर विकास एवं आवास विभाग
संकल्प

Office of the Municipal
Corporation, Ranchi
2281
23/02/16

विषय: झारखंड शहरी योजना एवं प्रबंधन संस्थान (Jharkhand Urban Planning and Management Institute (JUPMI)) के गठन के संबंध में।

1. 74वें संविधान संशोधन के आलोक में नगर प्रबंधन के क्षेत्र में नगर निकायों को सशक्त बनाने एवं प्रजातांत्रिक व्यवस्था लागू करने के लिए सरकार दृढसंकल्प है। उक्त संविधान संशोधन द्वारा स्थानीय नगर निकायों के कार्यक्षेत्र को विस्तृत किया गया है। प्रजातांत्रिक व्यवस्था लागू करने के पश्चात् नगर निकायों में जनमत के द्वारा चुने हुए प्रतिनिधियों की संख्या में बहुत अधिक वृद्धि हुई है एवं भविष्य में और वृद्धि होने की संभावना है। ऐसी परिस्थिति में नगर निकाय के निवासियों, जन प्रतिनिधिगण, पदाधिकारीगण एवं कर्मचारीगण को शहर एवं नगर प्रबंधन के क्षेत्र में प्रशिक्षित करने की आवश्यकता है।

राज्य के शहरी स्थानीय निकायों को सक्षम बनाने के उद्देश्य से समय-समय पर नगर प्रबंधन के क्षेत्र में प्रशिक्षण हेतु नगर निकायों को सक्षम बनाने के उद्देश्य से "झारखंड शहरी योजना एवं प्रबंधन संस्थान (JUPMI)" का गठन किये जाने का प्रस्ताव सरकार के समक्ष विचाराधीन था।

सम्यक् विचारोपरान्त राज्य सरकार के द्वारा उक्त उद्देश्यों की पूर्ति हेतु नगर विकास एवं आवास विभाग के अन्तर्गत "झारखंड शहरी योजना एवं प्रबंधन संस्थान" के गठन का निर्णय लिया गया है।

3. उल्लेखनीय है कि भारत सरकार की योजना Atal Mission for Rejuvenation and Urban Transformation के तहत नगर निकाय स्तर पर शहरी नवीकरण, आधारभूत संरचनाओं का निर्माण एवं निकाय स्तर पर नगरीय पुनरुद्धार किया जाना है। इसके अतिरिक्त, केन्द्र वित्त संपोषित परियोजनाएँ (Centrally Sponsored Scheme), यथा- स्मार्ट सिटी, राष्ट्रीय शहरी आजीविका मिशन (NULM), प्रधानमंत्री आवास योजना (PMAY), स्वच्छ भारत मिशन (SBM) आदि तथा राज्य संपोषित योजनाओं के कार्यों को मूर्त रूप देने के लिए नगर निकायों के जन प्रतिनिधियों, पदाधिकारियों एवं कर्मचारियों को समय-समय पर प्रशिक्षण देने की आवश्यकता बनी रहेगी। नगर विकास एवं आवास विभाग में पूर्व से कार्यरत पदाधिकारियों एवं कर्मियों को सेवाकालीन प्रशिक्षण तथा आवश्यकता के अनुरूप नये विषयों पर प्रशिक्षण की आवश्यकता भी लगातार अनुभव की जाती रही है।

4. शहरी संरचनाओं को विश्वस्तरीय बनाने, शहरी स्थानीय निकायों की क्षमता में वृद्धि करने, दीर्घकालीन योजना में शहरी स्थानीय निकायों में सहभागी बनने, स्थापत्य शहरी योजनाकरण, विकास, डिजाईन, प्रबंधन एवं सतत् विकास जैसे क्षेत्रों में शोध, प्रशिक्षण एवं गहन तथा उच्च अध्ययन, समान रूप से कार्यरत विश्वस्तरीय संस्थाओं से विचारों के आदान-प्रदान जैसे कार्यों का संपादन किया जायेगा। साथ ही, संस्थान के द्वारा स्थानीय युवक एवं युवतियों के क्षमता संवर्द्धन हेतु प्रशिक्षण, शोध का कार्य, विभिन्न तरह के अध्ययन, विभाग एवं निकायों हेतु त्रैमासिक, अर्द्धवार्षिक एवं वार्षिक पत्रिका, कार्य योजना के कार्य में विभाग को सहायता, नवाचार, आदि का कार्य संपादित किये जायेंगे, जो विभाग की कार्य क्षमता एवं प्रदर्शन को बेहतर बनाने में मददगार होगा।

5. इस संस्थान के विशिष्ट उद्देश्यों का उल्लेख विधान पत्र एवं उपविधियों (Memorandum of Association and Bye-Laws) में किया गया है।

Signature

Signature

Signature

6. संस्थान की स्थापना के लिए आवश्यक भूमि, नगर विकास एवं आवास विभाग के द्वारा निशुल्क उपलब्ध कराई जाएगी।
7. इस संस्थान की स्थापना के क्रम में आवश्यक पदों का सृजन प्रशासी पदवर्ग समिति की अनुशंसा के आधार पर विधिवत् किया जायेगा।
8. संस्थान के भवन इत्यादि के निर्माण एवं उपकरण, आदि से सुसज्जीकरण एवं संचालन हेतु व्यय की जाने वाली राशि का वहन उपलब्ध विभागीय बजट के सुसंगत शीर्ष से किया जायेगा।
9. झारखण्ड शहरी योजना एवं प्रबंधन संस्थान (Jharkhand Urban Planning and Management Institute (JUPMI)) का निबंधन, संस्था निबंधन अधिनियम, 1860 के सुसंगत प्रावधानों के अन्तर्गत किया जायेगा।

आदेश:- आदेश दिया जाता है कि उक्त संकल्प को जनसाधारण के सूचनार्थ झारखण्ड सरकार के असाधारण गजट में प्रकाशित किया जाय।

झारखण्ड राज्यपाल के आदेश से,

(अरुण कुमार सिंह)

सरकार के प्रधान सचिव।

ज्ञापांक- 06ए0/न0वि0/विविध-जुपमी/40/2015.1597 राँची, दिनांक-21.3.16
प्रतिलिपि- अधीक्षक, राजकीय मुद्रणालय, डोरंडा, राँची को सूचना एवं झारखण्ड राजपत्र के असाधारण अंक में प्रकाशनार्थ प्रेषित।

2. अनुरोध है कि उक्त संकल्प को झारखण्ड सरकार के असाधारण गजट में प्रकाशित कर, गजट की 200 प्रतियां विभाग को उपलब्ध कराने की कृपा की जाय।

सरकार के प्रधान सचिव।

ज्ञापांक- 06ए0/न0वि0/विविध-जुपमी/40/2015.1597 राँची, दिनांक-21.3.16
प्रतिलिपि- महालेखाकार, झारखण्ड, राँची को सूचनार्थ प्रेषित।

सरकार के प्रधान सचिव।

ज्ञापांक - 06ए0/न0वि0/विविध-जुपमी/40/2015.1597 राँची, दिनांक-21.3.16

प्रतिलिपि- विभागीय मंत्री के आप्त सचिव/मुख्य सचिव/अपर मुख्य सचिव/प्रधान सचिव/सचिव, सभी विभाग, झारखण्ड, राँची/सभी विभागाध्यक्ष, झारखण्ड सरकार/सभी प्रमंडलीय आयुक्त, झारखण्ड/ सभी उपायुक्त, झारखण्ड/ नगर विकास एवं आवास विभाग के अधीन सभी स्थानीय नगर निकायों के महापौर, अध्यक्ष/सभी नगर निकाय/प्राधिकार, झारखण्ड/ महाप्रबंधक, जुडको लि0/ सभी पदाधिकारी, नगर विकास एवं आवास विभाग/नोडल पदाधिकारी, ई-गजट, नगर विकास एवं आवास विभाग, झारखण्ड को सूचना एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के प्रधान सचिव।

Annexure 4.10

Cabinet Resolution of UD &HD vide letter no 4484 Dated 4/12/2015 regarding "Delegation of decision making power of UDD to the Board of Directors of the SPV"

झारखण्ड सरकार

नगर विकास एवं आवास विभाग

संकल्प

शहरी विकास मंत्रालय, भारत सरकार के द्वारा संचालित योजना 'स्मार्ट सिटी मिशन' के अंतर्गत भारत के 100 शहरों को स्मार्ट सिटी के रूप में विकसित किया जाना है। इस योजना के लिए शहरी विकास मंत्रालय, भारत सरकार के द्वारा झारखण्ड राज्य के एक शहर को स्मार्ट सिटी के रूप में विकसित किया जाना है। शहरी विकास मंत्रालय, भारत सरकार के द्वारा जारी 98 संभावित स्मार्ट शहरों में झारखण्ड राज्य की राजधानी राँची को भी शामिल किया गया है। प्रथम चरण में बनने वाले 20 स्मार्ट शहरों की चयन प्रतियोगिता के लिए राँची नगर निगम द्वारा परामर्शी एवं Handholding Agencies की सहायता से Smart City Proposal का निर्माण किया जा रहा है। शहरी विकास मंत्रालय, भारत सरकार से प्राप्त निदेश के अनुसार Smart City Proposal को 15 दिसंबर, 2015 तक उपलब्ध कराना है जिसके मूल्यांकन के पश्चात् प्रथम 20 शहरों की घोषणा की जाएगी।

स्मार्ट सिटी प्रस्ताव के भारत सरकार के शीर्ष समिति द्वारा स्वीकृत होने के पश्चात् Special Purpose Vehicle (SPV) का गठन कर योजना का क्रियान्वयन किया जायेगा। योजनाओं के क्रियान्वयन हेतु नगर निकाय एवं राज्य सरकार के विभिन्न शक्तियों का प्रत्यायोजन प्रस्तावित SPV को किया जाना है।

अतः स्मार्ट सिटी मिशन की दिशा निर्देशिका के अनुलग्नक 5 के कड़िका 4.1.3 पर वर्णित SPV को शक्तियों के प्रत्यायोजन के क्रम में, इसके निदेशक भंडल, जिसमें राज्य सरकार और शहरी स्थानीय निकाय का प्रतिनिधित्व हो को नगर विकास विभाग के स्तर से अनुमोदन अथवा निर्णय लेने की शक्तियाँ प्रत्यायोजित की जाती है।

झारखण्ड राज्यपाल के आदेश से,

(अरुण कुमार सिंह)

सरकार के प्रधान सचिव।

क्रमांक-SUDA/SCM/SPV/-09/2015...4.4.84

राँची/दिनांक 4/12/15

प्रतिलिपि : अधीक्षक, राजकीय मुद्रणालय, डोरण्डा, राँची को सूचनार्थ एवं राजकीय गजट के आगामी असाधारण अंक में प्रकाशनार्थ प्रेषित/नोडल पदाधिकारी, ई-गजट, नगर विकास एवं आवास विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के प्रधान सचिव।

क्रमांक-SUDA/SCM/SPV/-09/2015...4.4.84

राँची दिनांक 4/12/15

प्रतिलिपि: माननीय विभागीय मंत्री के आप्त सचिव/ निदेशक (SUDA) /नगर आयुक्त, राँची नगर निगम को सूचनार्थ प्रेषित।

सरकार के प्रधान सचिव।

Annexure 4.11

Cabinet Resolution of UD & HD vide letter no 4485 Dated 4/12/2015 regarding Delegating the matters that require the approval of the State Government to the State Level High Powered Steering Committee (HPSC) for Smart Cities.

**झारखण्ड सरकार
नगर विकास एवं आवास विभाग**

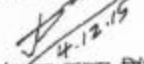
संकल्प

शहरी विकास मंत्रालय, भारत सरकार के द्वारा संचालित योजना 'स्मार्ट सिटी मिशन' के अंतर्गत भारत के 100 शहरों को स्मार्ट सिटी के रूप में विकसित किया जाना है। इस योजना के लिए शहरी विकास मंत्रालय, भारत सरकार के द्वारा झारखण्ड राज्य के एक शहर को स्मार्ट सिटी के रूप में विकसित किया जाना है। शहरी विकास मंत्रालय, भारत सरकार के द्वारा जारी 88 संभावित स्मार्ट शहरों में झारखण्ड राज्य की राजधानी राँची को भी शामिल किया गया है। प्रथम चरण में बनने वाले 20 स्मार्ट शहरों की चयन प्रतियोगिता के लिए राँची नगर निगम द्वारा परामर्शी एवं Handholding Agencies की सहायता से Smart City Proposal का निर्माण किया जा रहा है। शहरी विकास मंत्रालय, भारत सरकार से प्राप्त निर्देश के अनुसार Smart City Proposal को 15 दिसंबर, 2015 तक उपलब्ध कराना है जिसके मूल्यांकन के पश्चात् प्रथम 20 शहरों की घोषणा की जाएगी।

स्मार्ट सिटी प्रस्ताव के भारत सरकार के शीर्ष समिति द्वारा स्वीकृत होने के पश्चात् Special Purpose Vehicle (SPV) का गठन कर योजना का क्रियान्वयन किया जायेगा। योजनाओं के क्रियान्वयन हेतु राज्य सरकार के विभिन्न शक्तियों का प्रत्यायोजन प्रस्तावित SPV एवं स्मार्ट सिटी मिशन अंतर्गत गठित राज्य स्तरीय उच्चाधिकार प्राप्त समिति (HPSC) को किया जाना है।

अतः स्मार्ट सिटी मिशन की दिशा निर्देशिका के अनुलग्नक 5 के कड़िका 4.1.4 पर वर्णित शक्तियों के प्रत्यायोजन के क्रम में, जिन मामलों में राज्य सरकार का अनुमोदन अपेक्षित हो, उन्हें स्मार्ट सिटी मिशन के लिए गठित राज्य स्तरीय उच्चाधिकार प्राप्त समिति (HPSC) के स्तर से अनुमोदन प्रदान करने हेतु प्रत्यायोजित किया जाता है।

झारखण्ड राज्यपाल के आदेश से

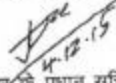

(अरुण कुमार सिंह)

सरकार के प्रधान सचिव।

ज्ञापक-SUDA/SCM/SPV/-10/2015..M.M.8.5

राँची/दिनांक 4.12.15

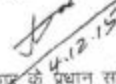
प्रतिलिपि: अधीक्षक, राजकीय मुद्रणालय, डोरण्डा, राँची को सूचनार्थ एवं राजकीय गजट के आगामी असाधारण अंक में प्रकाशनार्थ प्रेषित/नोटल पदाधिकारी, ई-गजट, नगर विकास एवं आवास विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।


सरकार के प्रधान सचिव।

ज्ञापक-SUDA/SCM/SPV/-09/2015..M.M.8.5

राँची दिनांक 4.12.15

प्रतिलिपि: माननीय विभागीय मंत्री के आप्त सचिव/निदेशक/(SUDA)/राज्य स्तरीय उच्चाधिकार प्राप्त समिति (HPSC) के सभी सदस्य/नगर आयुक्त, राँची नगर निगम को सूचनार्थ प्रेषित।


सरकार के प्रधान सचिव।

Annexure 4.12

Minutes of Meeting vide letter no 1586 Dated 21/3/16 between Principal Secretary, UD & HD and Delegates of World Bank regarding Funding of Jharkhand Sustainable Urban Development Program (JSUDP)

Urban Development & Housing Department

Minutes of meeting between Principal Secretary, UD&HD, Government of Jharkhand and delegates of World Bank for funding of Jharkhand Sustainable Urban Development Programme (JSUDP) held on 07th & 8th March, 2016

Attendance:-

State Government officials

1. Pr. Secretary, Urban Development & Housing Department, Jharkhand
2. Director, State Urban Development Agency (SUDA), Jharkhand
3. Shri A.K. Ratan, Joint Secretary, U.D. & H.D.
4. General Manager (W&P), JUIDCO Limited

Representatives of World Bank

1. Poonam Ahluwalia, Engineer Consultant
2. Shri Harsh Goyal, Consultant

Other Attendees

1. Representatives of DPR consultants - TCE, NJS, IDECK, IKW, Darashaw & Co., NCPE, RCUES and Aqua Pumps Limited

Proceedings:-

1. Selection of sub-projects for investments in JSUDP

Based on the initial list of sub-projects shared by UDHD, discussions with JUIDCO and SUDA, internal discussions and interactions with DPR consultants, the following projects were selected for detailed review for the first round of project preparation:

- Sewerage and Storm Water Drainage project in Deoghar
- Water supply project in Deoghar
- Beautification of all water bodies in Deoghar
- Sewerage and Storm Water Drainage project in Adityapur
- Water supply project in Dhanbad
- ISBTs in Ranchi, Jamshedpur, Dhanbad
- Water supply project in Chas
- MSW projects in Jamshedpur cluster, Hazaribagh, Deoghar and Dhanbad

The World Bank team requested Project Director (PD) - JSUDP to advise the DPR consultants of the above projects to please make it convenient to give a short presentation to the Bank team on 7th March in Ranchi covering key elements including technical details, current status of water supply systems (if any), land requirements & availability status (title ownership) as well as proposed systems, any environmental/social issues identified, status of statutory clearances required (from PCB, Railways, NHAI, Tribal land etc), key cost elements (land, capex, O&M), O&M mechanisms and key timelines for DPR completion.

The summary of discussions of the Bank team on 7th March with PD and DPR consultants and key points for discussion with the Principal Secretary are as follows:

• Deoghar Sewerage and Drainage project:

- a) The TCE Consultants gave a short presentation. The feasibility report and the draft DPR has been submitted to JUIDCO. The Bank team has requested to share a soft copy.
- b) Land requirements have been identified but most of the land parcels identified by the consultant have pockets owned by private owners - land identified for the two ISPS is privately owned and land identified for STP is also privately owned (with more than 30 private owners occupying small parcels of land). The consultants clarified that land NOC for both STP and ISPS is not in

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place. The PD has suggested the consultants to revise the DPR and the land requirements by identifying government owned or forest owned land (< 10 acres) for the project so that clearances at the state level can be facilitated by UDHD - if required the consultants may as well tweak the technical design to increase the decentralized component.

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- c) The Bank team noticed that the land requirements can be optimized based on an objective technology assessment and selection by JUIDCO.
 - d) The current water supply is 74 LPCD but the DPR assumes 135 LPCD for design of sewerage system. Assurance that water supply will be upgraded to 135 LPCD prior to the commissioning of sewerage system is required and critical for the selection of this sub-project.
 - e) Consultants shared that the town of Deoghar has a septic tank dependency to the tune of 70-80% and this will have implications on the willingness of citizens to take household connections for sewerage and also on the input parameters of the STP. Currently the DPR does not take this into account. Also the impact of the cost of demolition of the septic tanks and the decision of who bears the cost will have major implications on the project design and operations. These concerns need to be addressed at the project level in the DPR with appropriate ground due diligence as well as at the state level through policy interventions.
 - f) PD suggested that since the town is receiving grants under 14th FC, the DPR should provide detailed cost break-up based on road width and under the Bank project, only drains on roads more than 40 ft. wide can be taken up. This needs to be confirmed.
 - g) The bank team and the PD requested the consultant to please also provide a general update on the status of the roads where drainage infrastructure is proposed so that if required, the project can also take up the rehabilitation of the road network along with the drainage for an area wide upgradation.
 - h) The consultants were also advised to co-ordinate with the consultants working on water supply and beautification of all water bodies in Deoghar for integrated planning and design.
 - i) In the meeting with the PS, it was discussed that the Bank team proposes a city wide approach to be adopted in 1 city to demonstrate city wide service delivery improvement covering water supply, sewerage, drainage, MSW, water bodies rejuvenation, roads and other municipal utilities. Since most of the projects for Deoghar city are in advanced stage of preparation, it would be good to take up projects in all sectors in Deoghar adopting this city wide multi-sector approach to demonstrate the benefits of integrated and coherent planning and design while the other investment projects can be picked up in a discrete manner based on the stand-alone project assessments. The PS and the PD appreciated this idea and agreed to go ahead with this strategy.

Agreed actions for Identification mission on 21st/22nd March:

- i) Identification of new government owned land parcels and clarity on land title-ownership for the proposed sites.
 - ii) Road-wise cost details of the proposed drainage system and the status of roads and who is responsible for the maintenance of roads (ULB, RCD etc).
 - iii) Technology assessment for optimizing land requirements
 - iv) Implications of the cost of demolition of septic tanks for the sewerage project.
 - v) Assessment of willingness to pay and connect to the sewerage network, given such a high dependency on septic tanks.
 - vi) Marking all the identified land parcels on the city map prior to site visits.
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• Deoghar Water Supply project:

- a) The DPR is prepared by NJS consultants. The feasibility report will be submitted by April end and the draft DPR will be submitted by December end.
- b) The bank team noticed that a water supply project under JNNURM is just being completed and JUIDCO staff shared that it is planned for 135 lpcd. The consultants were accordingly advised to review the status and the elements of this project and avoid any duplication. Also, the review of the JNNURM project must focus on the update on connection being taken under this project.
- c) The JUIDCO staff shared that there are reports of iron contamination in Deoghar and this will need to be examined further and addressed adequately.
- d) The consultants stated that the sources of surface water may not be sufficient – Ajay (seasonal) and Darwa river (perennial but with insufficient flow in summers).
- e) There are about 850 tube wells – most of them privately owned. The Bank team suggested that if these tube wells are going to feed into the water supply public network, the quality should be checked and ensured as per standards.
- f) As per the DPR RFP, the land availability is confirmed but the consultants are yet to check and confirm.
- g) The base year assumptions are different for water supply and sewerage projects. The bank team advised them to assume a common base year when they expect the systems to be operational.
- h) The consultants informed that they are undertaking the field visits this week itself.

Agreed actions for Identification mission on 21st/22nd March:

- i) Detailed cost break-up of major elements of the project
- ii) Clarity on land availability and title ownership
- iii) Clarity on the status of connections under JNNURM projects

• Beautification of water bodies in Deoghar:

- a) The consultants informed that they had identified 12 water bodies but based on discussion with the ULB, now there are 13 water bodies under the current scope for DPR preparation.
- b) The PD suggested that 13 is too high a number to be taken up for a town with population of 200,000.
- c) It was jointly agreed that the consultant will prioritize the water bodies and top 3-5 water bodies will be selected for being considered under the JSUDP funding.
- d) The consultants will also need to coordinate with DPR consultants for drainage project for ensuring optimum use of catchment for flow regulation.
- e) Some of the water bodies have project affected families for which R&R plan will be developed and implemented.

Agreed actions for Identification mission on 21st/22nd March:

- i) Finalize the priority list of water bodies
- ii) Detailed cost break-up of major elements of the proposed project
- iii) Marking all the identified land parcels on the city map prior to site visits.

• **Deoghar MSW project:**

- a) RCUES is the consultant for DPR preparation. The consultant has committed to submit the DPR by the end of March.
- b) The landfill capacity currently is estimated only for 5-6 years due to the geographical constraint of the proposed site. The Bank team suggested the PD to check if the additional land available in the neighbourhood for cattle grazing can be acquired for the landfill site so that the site can be designed for a longer horizon.
- c) The bank team also suggested to examine the possibility of decentralized compost machines for vegetable market and temple area where flower waste is expected.

Agreed actions for Identification mission on 21st/22nd March:

- i) Update on additional land requirements and confirmation of final technical design.
- ii) Marking all the identified land parcels on the city map prior to site visits.

• **Sewerage and Drainage project in Adityapur:**

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- a) The TCE Consultants gave a short presentation. Due to some modification in the scope of work, the consultants are waiting for the UDHD to amend the contract and hence the FR preparation is stalled. PD shared that this will be sorted out very soon as discussions have been completed with the PS.
 - b) The consultant informed that the land parcels identified currently are mostly privately owned) only 3 are government owned out of 9).
 - c) The PD suggested the consultant to visit the city and identify government owned land parcels jointly with the city administration including DC. There are a lot of land parcels available under IDA and Subarnarekha as well as forest land, which the department can facilitate.
 - d) The current water supply is 90 LPCD but the DPR assumes 135 LPCD for design of sewerage system. Assurance that water supply will be upgraded to 135 LPCD prior to the commissioning of sewerage system is required and critical for the selection of this sub-project.
 - e) Consultants shared that the town has a septic tank dependency to the tune of 50-60% and this will have implications on the willingness of citizens to take household connections for sewerage and also on the input parameters of the STP.

Agreed actions for Identification mission on 21st/22nd March:

- i) Identification of new government owned land parcels and clarity on land title-ownership for the proposed sites.
 - ii) Road-wise cost details of the proposed drainage system and the status of roads and who is responsible for the maintenance of roads (ULB, RCD etc).
 - iii) Technology assessment for optimizing land requirements
 - iv) Implications of the cost of demolition of septic tanks for the sewerage project.
 - v) Assessment of willingness to pay and connect to the sewerage network, given such a high dependency on septic tanks.
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• **Dhanbad Water Supply project:**

- a) The consultants (N/S) are yet to take stock of the recently completed and about to be completed water projects under JNNURM (~ INR 500 Crores in value). The consultants shared that they will be visiting the site this week for the same.
- b) The timelines for feasibility report is end-July and draft DPR is end-December.
- c) Issues relating to coal mining areas where no construction activity can be carried out, major railway junction and national highways.
- d) Issues relating to institutional conflicts between DMC and MADA.

Agreed actions for Identification mission on 21st/22nd March:

- i) Detailed scope of the proposed project (based on assessment of work completed under JNNURM funding) and cost break-up of major elements of the project

• **Jamshedpur Cluster MSW project:**

- a) The PD shared that the land is clear of all encumbrances. The consultant will check the same and get back.
- b) In Jamshedpur, part of the area is serviced by JUSCO. Primary survey and validation is underway to establish the exact scope in Jamshedpur.
- c) The consultant will either design a centralized facility for the cluster of 4 cities including Mango, Jugsalai, Adityapur and JNAC. Or might be able to propose a decentralized option if the land is available for on-site treatment facility in 4 cities.
- d) There are 2 existing dumpsites in Adityapur and Mango, which can be used for the project.

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Agreed actions for Identification mission on 21st/22nd March:

- i) Detailed scope of the proposed project based on exact population estimation in JNAC.
- ii) Preliminary report by second week of March.
- iii) Details of the implementation arrangement, project structure and technology assessment.

• **Dhanbad MSW project:**

- a) DPR is prepared and submitted by the consultant. The consultant is advised to recheck the cost estimates as they look on lower side.
- b) The consultant is also requested to share the soft copy of the DPR for Bank's review.

• **Chas Water Supply project:**

- a) Detailed scope of the proposed project based on assessment of work completed under JNNURM funding needs to be finalized and cost break-up of major elements of the project by 21st March.
- b) Land clarity to the extent possible by 21st March.

• **ISBTs in Ranchi, Dhanbad, Jamshedpur and Deoghar:**

- a) Deoghar project has government land identified and cleared.
- b) Dhanbad and Ranchi has privately owned land parcels.
- c) Site is yet to be identified for Jamshedpur.
- d) Consultant has just begun the work and plans to submit the feasibility reports in a month's time.

• **Smart city project for Ranchi:**

- a) The Principal Secretary and the PD shared that the government has planned to include JUPMI, Urban Towers and Convention Centre infrastructure projects as a part of the smart city project in Ranchi.
- b) The PS suggested that further to the discussions he had with the Bank team in January, 2016 he would like to propose a smart city investment sub-component for Ranchi in the investment component of the project with the provisioning for following projects:
 - i) Urban Towers
 - ii) Jharkhand Urban Planning and Management Institute
 - iii) Convention Centre
 - iv) Urban utility and public infrastructure in smart city area – water supply, waste water recycling etc.
- c) Further the PS requested if the Bank can support in city twinning for Ranchi as a smart city with a similar city in a developed country in US, UK or Europe.
- d) The Bank team took note of this request and suggested this to be discussed in detail during the identification mission with the complete task team.

• **Urban roads projects in Chas, Deoghar, Dhanbad, Dumka, Mango, Hazaribagh:**

- a) The PS shared that the department has recently contracted the consultants to prepare DPRs for urban roads projects in Chaibasa, Chas, Deoghar, Dhanbad, Dumka, Mango, Hazaribagh, Medininagar and Koderma.
- b) Further he suggested that it will be useful for the Bank team to consider 6 road projects in Chas, Deoghar, Dhanbad, Dumka, Mango and Hazaribagh which are the bigger and administratively important towns of the state.
- c) The Bank team has requested the PD to share the details on the scope and cost estimates of the projects and the estimated timelines for DPR preparation.

• **Chas MSW project:**

- a) The PS suggested that the Chas MSW project is in an advanced stage of preparation and the DPR will be ready soon with an estimated cost of INR 30 Crores and requested the Bank team to include this in the list of first set of projects.
- b) The Bank team requested if the DPR can be shared as soon as it's ready for the review and further assessments.
- c) Also, if the consultant can come for discussion during the identification mission in Ranchi on 21st March.

• **Jamshedpur Sewerage and Drainage project:**

- a) The JNAC area has water supply of 50 lpcd and the exact population of the JNAC area (Non Tata serviced) is yet to be estimated.
- b) Geographically the project is complicated because the JNAC area is scattered across the city – some small pockets in the core areas of the JUSCO will need to be connected to the JUSCO systems.

• **Dumka Sewerage and Drainage project:**

- a) Very small population (50,000) leading to very high per capita cost of sewerage system.
- b) Land identified is privately owned

- c) Current water supply is 70 lpcd while the DPR is prepared assuming 135 lpcd. The Bank team and the PD suggested to consider options like septage management which can function with low water supply rates and economical.

• **Ranchi Municipal Building:**

- a) The Bank team shared that the project is interesting however the consultant informed that there is a temple in the centre of the proposed site and there will be local resistance in shifting the temple and hence the project was not included in the priority list.
- b) The PS suggested that the government will sort out the land issue with the ULB and then request the Bank to reconsider the project as this is an important project for the department.

• **Other projects discussed:**

- a) The sewerage projects in smaller cities like Dumka, Chaibasa, Medininagar, Mango, Giridhi and Jugsalai are proposed to be redesigned considering the possibility of decentralized septage management systems.
- b) The drainage projects in smaller cities are proposed to be taken up later along with the revised wastewater projects.
- c) Sewerage and drainage in Dhanbad, Ramgarh and Phusro are proposed to be taken up under Namami Gange as per the state government's discussion with NMCG.
- d) Municipal buildings and bus stand projects are proposed to be taken up under state plan or 14th FC funds.

2. **Scope of institutional development and reform activities in JSUDP**

The Bank team had a preliminary discussion with PD on the scope of reform and institutional development activities; GoJ would like to propose in JSUDP:

• **Proposed policy initiatives:**

- i) Water tariff, metering and connection policy (similarly for sewerage) - this is an important and critical area of support as emphasized by the PD and the PS as they indicated that they are facing issues of citizens not taking the connections in many cities under recently completed JNNURM projects.
- ii) Non-tax revenue enhancement - this is a major policy focus for the state government.
- iii) NRW reduction - the state government proposes this to be addressed at the policy and project levels.
- iv) O&M of municipal assets - support in terms of policy and project initiatives.
- v) State Water Regulatory Authority and PPP for water supply projects - the PS emphasized that this is a priority area for the government and proposed this to be taken up as a major policy initiative to enhance private sector participation in water supply projects essentially for O&M at least.

• **Revenue enhancement:**

- i) Outsourcing of property tax, municipal license, water connection and advertisement tax - database development, GIS mapping, demand and collection efficiency improvement. Successfully piloted in Ranchi, now going on Dhanbad and Giridhi, to be replicated further.
- ii) Implementation support for new property tax rules on unit area assessment method.
- iii) Enhancing non-tax revenue in cities. The state government has already contracted consultants for preparing studies on non-tax revenue enhancement.

iv) The focus of the support under the JSUDP will be on supporting the state government (UDHD and SUDA) in policy initiatives, supervision and progress monitoring as well as quality assurance. Further the PD suggested that select towns (7 AMRUT cities + Jamshedpur) should be provided handholding support for implementation of property tax rules.

v) The PS suggested that since revenue enhancement (tax and non-tax) is a major focus, it would be helpful if a dedicated PMU can be planned only for revenue enhancement work separate from other proposed reform interventions.

• **Credit rating:**

- i) Credit rating agencies appointed for all cities under CBUD – submitted for approval to MoUD.
- ii) Support required to develop and implement action plans and roadmap for creditworthiness enhancement.
- iii) The PS suggested that we include 8 cities (7 AMRUT cities + Jamshedpur) for this intervention.

• **Capacity building through IUPMI:**

- i) Operationalization support in terms of business planning, staffing and resources
- ii) Curriculum development and delivery.
- iii) Training policy and calendar.
- iv) The PS shared that this is a priority area and early support will be very helpful along the lines mentioned above.

• **Jharkhand Urban Development Fund:**

- i) The PS mentioned that the state government is planning to establish JUDF with 25% contribution from ULB and 75% contribution from state government to develop a fund at the state level with JUIDCO which can be used for pooled market borrowing in the form of a term loan from the market and then be allocated to ULBs proportionate to their contribution in the fund. This will help them raise additional resources from the market without budgetary support. The note on this is already shared with the Bank team in January 2016.
- ii) The PS requested if this can be taken up as a major institutional intervention which the support can be provided for operationalizing the fund within JUIDCO and then further help in raising funds from the market by leveraging on this fund.

• **E-governance:**

- i) Website development and maintenance of UDHD and ULBs
- ii) Automatic Building Plan Approval Systems under implementation by Softech in 41 ULBs.
- iii) Some modules of E-Municipal Administrative System are being implemented in all cities.
- iv) Real-time MIS to be developed and implemented for UDHD with ULBs having access for real-time information feeding.
- v) The PS and the PD shared that they are planning to develop a complete e-governance proposal based on above identified activities and send it to IT Department requesting them to either take up the work in a time-bound manner or issue a no-objection to UDHD so that UDHD can then take this up with the Bank support.

• **Cadre reforms:**

- i) Department and ULB restructuring along with strengthening of DMA, SUDA and JUIDCO.
- ii) The PS shared that the department is already working on this and requested if the Bank can share some studies on cadre structuring which can be of help to the department in undertaking this restructuring.
- iii) At this stage, there is no support envisaged by the government on this.

• **Public Financial Management - accounting and budgeting:**

- i) The department shared that they have hired all the city level accountants and EY as the state PMU for this work.
- ii) No support is proposed under this project.

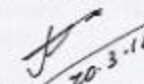
3. **Project Identification Mission**

- a) The Bank team shared with the PS that the actions for the preparation for identification mission have been suggested to the PD, JUIDCO and DPR consultants. It would be very useful if the DPR consultants and JUIDCO can address the concerns raised by the Bank team on 7th March and as mentioned in this document and make it convenient to be present in Ranchi on 21st March for a similar discussion with the Bank task team so that the list of the sub-projects for the first 30% investments can be finalized.
 - b) The PS and the PD requested that it would be helpful if the JUIDCO staff and the DPR consultants of the shortlisted projects can be given an orientation during the identification mission on the Bank guidelines for technical contents and requirements from DPRs, standard bid documents and bid process management procedures as well as environmental and social safeguards so that the same can be incorporated by the consultants.
 - c) Based on the discussions, the PD and the Bank team felt that the site visits during the identification mission on 28th and 29th March may be planned for Deoghar and Dhanbad depending on logistics and time availability. It was also discussed that since Deoghar has about 6 projects under active consideration, it might be worth to just visit the city of Deoghar and undertake detailed site visits for all 6 projects over the two days. There are about 2 projects for Dhanbad which are under active consideration for JSUDP and if the time permits, this city may as well be visited.
- The Bank team indicated that they will have an internal discussion in Delhi and revert with the proposed agenda for the identification mission along with the list of preparatory activities for the DPR consultants/JUIDCO and requirements for site visits.

4. **Project Management Unit - recruitment status**

- a) The PS and the PD shared that the applications have been received by JUIDCO for 3 positions and the interviews will be initiated soon. The PD will share the timelines for the interviews very soon.
- b) It was also shared that no applications have been received for 3 positions - Civil Engineer, Contract Management expert and Urban Planner. The PD shared that they will review the qualification criteria and will re-advertise for the 3 positions.
- c) The advertisement for DPD has been floated and applications are awaited.
- d) The Bank team requested that the recruitment may please be taken up on priority.

The Meeting ended with vote of thanks to the chair


(Arun Kumar Singh)
Pr. Secretary to Govt.

Memo No: SUDA/JSUDP/Meeting-01/2016/.....1586..... Ranchi/Date.....21/03/16...../

Copy to:

1. Private Secretary to Hon'ble Minister, UD&HD
2. Principal Secretary, UD & HD, Govt. of Jharkhand
3. Director, Municipal Administration
4. Director, State Urban Development Agency
5. Presented Delegates of World Bank
6. Joint/Additional/Deputy/Under Secretary, UD&HD
7. General Manager (W&P), JUIDCO Limited
8. M.C./A.M.C./E.O./S.P.O. of Concerned Urban Local Bodies

For their kind information & necessary actions

Arjun

20.3.16
(Arjun Kumar Singh)
Pr. Secretary to Govt.

Annex I - Summary of first set of sub-projects

S. No.	Project (bold font for projects under first 30%)	Estimated Cost	DPR Completion Date	Key Issues/ Concerns
1	Deoghar sewerage and drainage project	396 + 494 = 890 Crores	Draft submitted to JUIDCO	<ul style="list-style-type: none"> Privately owned land parcels Levels of water supply Willingness to pay and connect
2	Deoghar water supply project	60 Crores	By Dec' 2016	<ul style="list-style-type: none"> Iron contamination in water supply Land availability Connections under JNNURM project ULBs capacity for O&M
3	Deoghar beautification of all water bodies	75 Crores	To be finalized once scope is firmed up	<ul style="list-style-type: none"> Number of water bodies to be fixed quickly
4	Deoghar MSW	27 Crores	By March' 2016	<ul style="list-style-type: none"> Additional land availability to be ascertained Land for Transfer points to be ascertained
5	Adityapur sewerage and drainage	494 + 190 = 684 Crores	By May 2016	<ul style="list-style-type: none"> Privately owned land parcels Levels of water supply Willingness to pay and connect
6	Dhanbad Water Supply	650 Crores	By Dec' 2016	<ul style="list-style-type: none"> Stock-taking of completed/ongoing works under JNNURM Water quality Land availability Institutional conflict b/w DMC and MADA
7	Dhanbad MSW	80 Crores	DPR draft submitted	<ul style="list-style-type: none"> Cost to be reviewed - looks low.
8	Jamshedpur Cluster MSW	170 Crores (Hybrid Option)	By June 2016	<ul style="list-style-type: none"> Land identification for decentralized treatment facilities and finalization of technical design. Population estimation for JNAC
9	ISBTs in 4 cities	Average 30-40 Crores/ ISBT	By May-June 2016	<ul style="list-style-type: none"> Privately owned land parcels in Dhanbad and Ranchi
10	Chas Water Supply	Not available	By June 2016	<ul style="list-style-type: none"> Review of works under JNNURM funding and finalization of the scope and cost of proposed project

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Annex II - Summary of reforms and capacity building

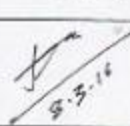


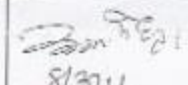
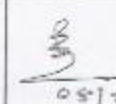
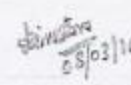
S. No.	Reforms	Policy support	QA and M&E support	Handholding support (for 7 AMRUT cities and Jamshedpur)
1	E-governance (if not taken up by IT Dept)		For ongoing works on website, ABPAS, modules of e-MAS	For MIS and roll-out of all modules of e-MAS
2	HR/Cadre restructuring	Municipal Cadre Compendium to be shared. No support.		
3	Revenue enhancement (tax and non-tax)	Strategy for non-tax revenue enhancement	Implementation of property tax rules - UAM Scale-up of outsourcing model for PT and other revenues piloted in Ranchi	
4	Water and sewerage -policy initiatives	Connection, metering and tariff policy ----- PPP ----- Water Regulatory Authority		NRW reduction ----- O&M of assets ----- PPP
5	JUPMI - Capacity building			Operationalization and delivery
6	JUDF	Operationalization		
7	Credit rating	Policy interventions		Develop & Implement action plans for creditworthiness enhancement
8	PFM - Accounting and Budgeting	No support		

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प्रधान सचिव, नगर विकास एवं आवास विभाग, झारखण्ड की अध्यक्षता में दिनांक-08.03.2016 को 1100 बजे वल्ट बैक की टीम के साथ बैठक की उपस्थिति।

क्र.सं.	पदनाम	दूरभाष/मोबाईल संख्या	ई-मेल आई.डी.	हस्ताक्षर
1	प्रधान सचिव, नगर विकास एवं आवास विभाग			 8.3.16
2	निदेशक राज्य शहरी विकास अभिकरण			 8/3/16
3	Hrish Goyal World Bank			
4	POONAM AHLUWALIA WORLD BANK	9810737263	pahluwaliahkhanj @worldbank.org	Poonam Ahluwalia
5	Umesh Mehta GM JUIDCO Ltd.			 8/3/16
6	A. K. Ratan Jt. Secy.			 08/3
7	Rashmi Mahakud CHM - AMRUT Reform			Rashmi
8	Abha Srivastava CHM - AMRUT Reforms			 8/3/16
9	Shashi Kala CHM			Shashi 8/3/16
10	Doel Kar CHM			Doel 8/3/16

Annexure 4.13

Costing for the Components of Area Based Development

ABD- Capital Cost & O&M Cost						
Sr. No.	Project/Component	Quantity	Unit	Rate per Unit	Cost in INR Cr	O&M cost per annum
1	Land Development	230.3	Acres	26,13,600.00	60.19	
2	Transport & Circulation (Roads) with Pedestrian facility duct for utilities including gas line, power line, Optical fibre, provision for sewerage & drainage					
2.1	Primary Road - 30m - (Carriageway)	2.72	Kms	1367,00,000.00	37.18	0.74
2.2	Secondary Road-24 m-(Carriageway)	6.67	Kms	700,00,000.00	46.69	0.93
2.3	Tertiary Road- 18m -(Carriageway)	4.25	Kms	500,00,000.00	21.25	0.43
2.4	Local Access road 9m	5.5	Kms	300,00,000.00	16.50	0.33
2.5	Footpaths (2.5 mtr either side)	13.64	Kms	2.00	27.28	0.55
2.6	Bike lanes (2.5 Mtrs either side)	13.64	Kms	2.00	27.28	0.55
2.7	Common Utility Duct for IT Infrastructure	10.92	Kms	60,00,000.00	6.55	0.13
2.8	Major Traffic Intersections	10	Nos	80,00,000.00	8.00	0.16
2.9	Minor Intersections	7	Nos	50,00,000.00	3.50	0.07
2.10	Signages	30	Nos	2,00,000.00	0.60	0.01
2.12	IT Component of Traffic Management including Air monitoring		LS		15.00	0.30
					209.83	4.20
3	Open Spaces & Parks (River Park , Eco Park, Lake harvest, Neighbourhood Park)					
3.1	Lake Harvest including lining and aeration equipment	8,901.20	sqm	3,000.00	2.67	0.13
3.2	Eco Park including horticulture	29,131.20	sqm	1,500.00	4.37	0.22
3.3	River Park (RFD)	1,95,421.80	sqm	1,200.00	23.45	1.17
3.4	Lake Spillway and control structure		LS		2.00	0.10
3.5	Other Green Areas	13,351.80	sqm	1,200.00	1.60	0.08
3.6	Sports Center Area Land	17,802.40	sqm	600.00	1.07	0.05
3.7	Sports Center Area Building	3,560.48	sqm	40,000.00	14.24	1.71

ABD- Capital Cost & O&M Cost						
Sr. No.	Project/Component	Quantity	Unit	Rate per Unit	Cost in INR Cr	O&M cost per annum
					49.40	3.47
4	WATER Supply and Reuse of Recycled Water					
4.1	ESR for Fresh Water	3.35	ML	200,00,000.00	6.70	0.20
4.2	ESR for Recycled water	1.50	ML	200,00,000.00	3.00	0.09
4.3	Fresh Water UGR	7.5	ML	150,00,000.00	11.25	0.34
4.4	UGR for Recycled water	3	ML	150,00,000.00	4.50	0.14
4.5	Feeder Mains for Fresh Water	9.39	Kms	60,00,000.00	5.63	0.17
4.6	Feeder distribution for Fresh Water	4.25	Kms	40,00,000.00	1.70	0.05
4.7	Feeder Mains for Recycled Water	9.39	Kms	60,00,000.00	5.63	0.17
4.8	Feeder Distribution for Recycled Water	4.25	Kms	40,00,000.00	1.70	0.05
4.9	SCADA Sensor enabled Flow Meteres (Both Networks Seperately)	600	Nos	5,000.00	0.30	0.01
4.10	SCADA enabled Level Sensor System (Both Networks Seperately)	800	Nos	5,000.00	0.40	0.01
4.11	Geo-Thermal Imaging Leak detectors (Both Networks Seperately)	500	Nos	8,000.00	0.40	0.01
4.12	Smart Consumer Water Meters (Both Networks Seperately)	10000	Nos	2,000.00	2.00	0.06
4.13	Irrigation system with Control Center		LS		7.00	0.21
4.14	Software for Area Command and Control Centre		LS		5.00	0.15
					55.22	1.66
5	Waste Water Management -Sewerage & Sanitation					
5.1	Sewerage Network –Mains	9.39	Kms	90,00,000.00	8.45	0.42
5.2	Sewerage Network –Collectors	4.25	Kms	70,00,000.00	2.98	0.15
5.3	Decentralised Tertiary Waste Water treatment plant	7.00	MLD	200,00,000.00	14.00	0.70
5.4	UGR for All treated water	5.00	ML	150,00,000.00	7.50	0.38
5.5	IT Component and Pumping System for sewerage system		LS		3.00	0.15

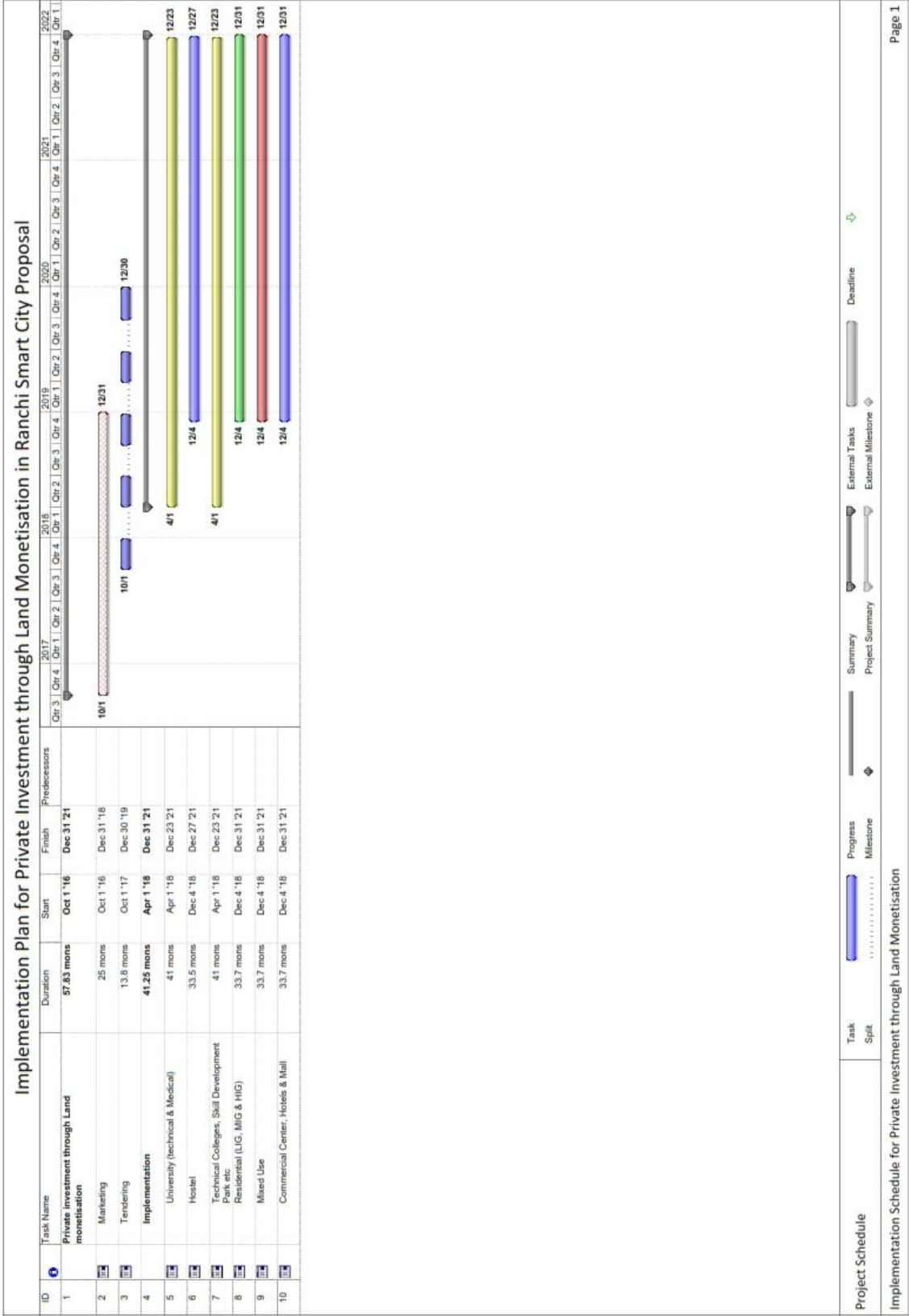
ABD- Capital Cost & O&M Cost						
Sr. No.	Project/Component	Quantity	Unit	Rate per Unit	Cost in INR Cr	O&M cost per annum
					35.93	1.80
6	Water Management - Storm Water Drainage					
6.1	Underground Primary Storm Water Drainage Network	2.72	Kms	60,00,000.00	1.63	0.08
6.2	Underground Secondary Storm Water Drainage Network	6.67	Kms	40,00,000.00	2.67	0.13
6.3	Surface Storm Water Drainage Network	9.75	Kms	15,00,000.00	1.46	0.07
6.4	Holding Areas Backup system		LS		2.00	0.10
					7.76	0.39
7	Power Supply, Source & Efficiency					
7.1	Primary Network	2.72	Kms	120,00,000.00	3.26	0.20
7.2	Secondary Network	16.42	Kms	60,00,000.00	9.85	0.59
7.3	Smart electric meters for consumers	10,000.00	Nos	4,000.00	4.00	0.24
7.4	Smart Sub-Station	6.00	Nos	100,00,000.00	6.00	0.36
7.5	Smart Grid system		LS		5.00	0.30
7.6	Solar Photo Voltaic System	10.00	Mw	800,00,000.00	80.00	4.80
					108.12	6.49
8	Safety & Security					
8.1	Street Lighting on Primary Roads	2.72	Km	50,00,000.00	1.36	0.16
8.2	Street Lighting on Secondary and tertiary roads and pedestrian paths	16.42	Km	40,00,000.00	6.57	0.79
8.3	Lighting at Open public places	40	Nos	2,00,000.00	0.80	0.10
8.4	CCTV Cameras for Surveillance and incidence management	150	Nos	2,00,000.00	3.00	0.36
8.5	Fire Stations	1	Nos	1000,00,000.00	10.00	1.20
					21.73	2.61

ABD- Capital Cost & O&M Cost						
Sr. No.	Project/Component	Quantity	Unit	Rate per Unit	Cost in INR Cr	O&M cost per annum
9	Transit Hhb/centre					
9.1	Public Transport Buses -Intra City	17	Nos	200,00,000.00	34.00	1.70
9.2	Public Transport Buses -City Connect	33	Nos	200,00,000.00	66.00	3.30
9.3	E-Public Transportation (IPT Stand, E-Rickshaw, Bike Stand)		LS		8.00	0.40
9.4	Mult-modal Transit Hub – Civil		LS		60.00	3.00
9.5	Parking Area including Multilevel	22000	Sqm	5,000.00	11.00	0.55
9.6	Pedestrian overbridge at Transit Hub		LS		5.00	0.25
9.7	Bikes	200	Nos	5000	0.1	0.01
					184.10	8.95
10	Smart Administrative & Command Centre (SACC)					
10.1	Urban Tower (SPV Office, Control & Command Centre and Other Govt Offices)	41673.8	Sqm	30000	125.02	6.25
10.2	Citizen connect Gallery		LS		9.00	0.45
10.3	IT Connectivity and Peripherals		LS		3.00	0.15
10.4	Internet of Things (IOT)		LS		4.00	0.20
10.5	Dashboard and accessories		LS		5.00	0.25
10.6	Smart Police Station		LS		3.00	0.15
					149.02	7.45
11	Student Resource Centre					
11.1	Building –Civil	4046.00	Sqm	25,000.00	10.12	0.51
11.2	Amphi- Theatre		LS		25.00	1.25
11.3	E-classroom		LS		6.90	0.35
11.4	e-library		LS		15.90	0.80

ABD- Capital Cost & O&M Cost							
Sr. No.	Project/Component	Quantity	Unit	Rate per Unit	Cost in INR Cr	O&M cost per annum	
11.5	Incubation Centre		LS		17.90	0.90	
11.6	e-Literacy Centre		LS		9.70	0.49	
11.7	IT Connectivity & Peripherals				2.90	0.15	
					88.42	4.42	
12	Solid waste management system		LS		5.00	0.15	
13	EWS	24276	Sqm	16000	38.8416	1.17	
14	Convention Centre				230	6.90	
15	Jharkhand Urban Planning and Management Institute (JUPMI)		Sqm		95	2.85	
16	Public Facility Centre	14970.20	Sqm	25000	37.4255	1.12	
17	Health facilities	4.00	Nos	30,00,000.00	1.20	0.04	
18	Other Social Infrastructure		LS		20.00	0.60	
Total Cost					427.47	12.82	
					1,397.18	54.24	

Annexure 4.14

Implementation plan for Private Investments coming in
ABD Area



Annexure 4.15

Costing for components of PAN CITY

PAN CITY SOLUTION - RANCHI –MOBILITY					
Sl.No	Description	Quantity	Rate per Unit	Cost in INR Crs	O&M cost per annum in INR Crs
1	Intelligent Public Transport System				
	Automatic Vehicle Location System (AVLS)	375	69,629.63	2.6	0.13
	PIS @ Bus	375	1,40,740.74	5.3	0.26
	PIS @ Bus Stops	200	2,00,000.00	4.0	0.2
	PIS @ Terminals or Transit Centers	5	4,00,000.00	0.2	0.01
	CCTV Surveillance in Bus	375	40,000.00	1.5	0.08
	CCTV Surveillance at Bus Stop	200	45,000.00	0.9	0.05
	CCTV Surveillance at Terminals or Transit Center	5	4,00,000.00	0.2	0.01
	Voice Announcement System with Display	375	14,814.81	0.6	0.028
	Mobile App and Web Portal	1		0.2	0.01
	Sub- Total Intelligent Public Transport System			1719187.6	85959.4
2	Corridor Management System (Traffic)				
	Area Traffic Control System - 4 Arm	20	16,00,000.00	3.20	0.16
	Area Traffic Control System - 3 Arm	20	12,00,000.00	2.40	0.12
	PTZ Cameras	40	3,50,000.00	1.40	0.07
	Red Light Voilation Camera - 4 Arm	20	28,00,000.00	5.60	0.28
	Red Light Voilation Camera - 3 Arm	20	21,00,000.00	4.20	0.21
	Vehicle Incident Detection System (VIDS)	2	20,00,000.00	0.40	0.02
	Speed Voilation Camera - 2 Lane Road	10	7,00,000.00	0.70	0.035
	Speed Voilation Camera - 4 Lane Road	10	14,00,000.00	1.40	0.07
	Variable Messaging System (VMS)	8	13,00,000.00	1.04	0.052
	Integrated Weather Monitoring Station and Air Quality Stattion	5	15,00,000.00	0.75	0.0375
	Pelican Signal	LS		0.2	0.01
	Sub-Total Corridor Management System (Traffic)			21.09	1.0545

PAN CITY SOLUTION - RANCHI –MOBILITY					
Sl.No	Description	Quantity	Rate per Unit	Cost in INR Crs	O&M cost per annum in INR Crs
3	Parking Management System				
	Smart Parking mangement	LS		8.0	0.4
	Sub-Total parking Management System				
4	IPT Integration				
	GPS in IPT	1750	14,857.00	2.6	0.12999875
	Mobile application	LS		0.1	0.005
	Sub-Total IPT Integration			2.7	0.1
5	Fare management system				
	E-Ticketing Machine (ETM)	750	19,743.00	1.5	0.07403625
	Common Mobility Card	1		0.2	0.01
	Sub-Total Fare Management System			1.7	0.1
6	Command & Control Centre (RITTS)				
	Optical Fibre ~ 15 Km for integrating all the pan city current and provision for future utility integration including SWM	LS		24.00	1.2
	Software Development & Capacity Building	LS		4.0	0.2
	Dash Board & other peripherals for operations	LS		15.0	0.75
	Sub-Total Control & Command Centre (RITTS)			43.00	2.15
	Total Capex Pan -city Solution Ranchi			17,19,264.12	85,963.21
	Total Pan -city Solution Ranchi Life Cycle cost (10Years) = Capital Cost + 10 * Annual O&M Cost				25,78,896.17

Annexure 4.16

Assumptions for Revenue calculations for Financial Plan

ANNEXURE 4.16: REVENUE ASSUMPTIONS FOR FINANCIAL PLANNING

ABD	
Resident Population	50000
Floating population	20000
No. of households	10000

Factor 144 2.50%

Holding tax	Carpet area		Usage	Occupancy	Holding tax (Rs. Cr.)
Residential	7213301	Sq.Ft	1	1	2.60
Commercial	7196731	Sq.Ft	3	1.5	11.66
Institutional	5671241	Sq.Ft	2	1.5	6.12
				Total	20.4
Other Proposed Taxes		Rs. Cr.			
Sewerage tax		4.1			
Smart city cess	0.5% of ARV	4.1			

Solid Waste Management			Revenue (Rs. Cr.)
Residential	60	Rs/ household/ month	0.72
Commercial	1000	Rs./unit/ month	1.8
Institutional	300	Rs./unit/ month	0.2
		Total	2.7

Water	7.5	MLD	Rate		Revenue (Rs. Cr.)
Residential	2.325	MLD	6	Rs./K L	0.5
Commercial	3.4	MLD	15		1.8
Institutional	1.8	MLD	10		0.7
					3.0

Land Monetisation			
Area of Land Available for Monetization =			194
Land Use Category	Area in Acres	Price/Acre in Rs. Cr.	Total Amount in Rs. Crore
Residential	53.2	4.47	237.8
Commercial	50.12296	6.705	336.1
Institutional	90.6316	1.925	174.5
Total in Rs. Crores:			748.3

Treated Sewage Recycle water charges	5.4	MLD	70%	of water charges	2.1
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		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
1	Escalations															
2	Parking Space in ABD															
	No. of Parking Slots	0	0	0	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Daily hrs of Operations	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Average Occupancy	0%	0%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
	User Fees per hour	-	-	20.00	20.00	25.00	25.00	30.00	30.00	35.00	35.00	40.00	40.00	45.00	45.00	50.00
	Pan City Parking															
	No. of Parking Slots	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	Average Occupancy	0%	0%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
3	Urban Mobility															
	Approximately Daily Ridership	13500														
	Average Fare	15														
4	PMC Fee															
5	Interest on WB debt															
6	Advertisement Revenue															
	Saleable Area (sq. m) - ABD	5000		5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
	Saleable Area (sq. m) - PanCity	-	-	1,000	2,000	3,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	Rate Rs. per sq. m per months	200	-	200	210	221	232	243	255	268	281	295	310	326	342	359
7	Land Monetization Schedule															
		0%	30%	30%	30%	10%										
10	Premium Expected (Rs.Cr.)															
	Residential	4.47														
	Commercial	6.71														
	Institutional	1.93														
	Land Use															
	Land Earmarked (acres)															
	Residential	53.4	-	16.02	16.02	16.02	5.34									
	Commercial	50.1	-	15.03	15.03	15.03	5.01									
	Institutional	90.6	-	27.18	27.18	27.18	9.06									
11	Land Lease															

Annexure 4.17

Commitment vide letter no 603 Dated 7/12/15 from Jharkhand Vidyut Vitaran Nigam Limited to support Ranchi Smart city Project and Convergence under IPDS scheme



JHARKHAND BIJLI VITRAN NIGAM LIMITED

(CIN: U40108JH2013SGC001702)

Engineering Building, HEC, Dhurwa, Ranchi-4

Fax: 0651-2400799

Letter No. 603

Dated 07/12/15

From,

Rahul Kumar Purwar (I.A.S)
Managing Director,
Jharkhand Bijli Vitran Nigam Limited

e-mail: - ndvitran@gmail.com

To,

The Director,
State Urban Development Agency
Urban Development & Housing Department
Government of Jharkhand

Sub: - Smart City Ranchi- Convergence under IPDS Scheme.

Ref: - Your letter no. 06A/N.V./SCM-07/2015/159 dated 28.11.15

Sir,

With reference to the subject noted above, it is understood that Ranchi Municipal Corporation is undertaking the Smart City project wherein it is developing a Greenfield area of 341 acres into a smart City. Jharkhand Bijli Vitran Nigam Limited (JBVNL) hereby gives in-principle commitment to support the Smart City work as per prevailing JBVNL, JSERC Norms & guidelines and electricity act.

It is informed that JBVNL has prepared the DPRs of 40 selected towns of Jharkhand including Ranchi city for strengthening of electricity related existing infrastructure under the IPDS scheme. The financial assistance under this scheme is as follows:-

Agency	Nature of support	Quantum of support (Percentage of project cost)
Govt. of India	Grant	60
Discom Contribution	Own Fund	10
Lender (FIs/ Banks)/ Discom's own fund	Loan/own fund	30

This scheme covers works relating to strengthening of sub-transmission & distribution network for the existing infrastructure, including provisioning of solar panels on Govt. buildings including Net-metering, metering of feeders, distribution transformers, installation of meters to defective metered, electro mechanical metered, unmetered consumers for reduction of Aggregate Technical & Commercial loss (AT&C loss) as per trajectory provided by Ministry of Power, GOI.

Although the guidelines issued by Power Finance Corporation Limited for IPDS do not match the work involved in the Smart City Project, however we give our in-principle approval for preparing the supplementary DPR for inclusion of proposed Smart City area in IPDS scheme.

Yours faithfully,

Rahul Kumar Purwar (I.A.S)
Managing Director,
Jharkhand Bijli Vitran Nigam Limited

Annexure 4.18

Commitment vide letter no 262 Dated 10/12/2015 from Jharkhand Urban Infrastructure Development Company Ltd.(JUIDCO.) to support Ranchi Smart City Project

JHARKHAND URBAN INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED

2ND FLOOR, VASUNDHARA MEGA MART, ARGORACHOWK,
RANCHI 834 002, JHARKHAND.
PH: +91 651 2243203, E-MAIL: juidcolimited@gmail.com
CIN: U45200JH2013SGC001752

Letter No.: 262/270-470 / Ranchi, Date 10/12/15

From,
Chairman-cum-Managing Director,
JUIDCO Limited,
Ranchi.

To,
The Director,
State Urban Development Agency,
Urban Development & Housing Department,
Ranchi, Jharkhand.

Sub: Smart City Ranchi- Convergence with various State & Central Government Schemes.

Sir,

With reference to Letter No. 06/N.V./ SCM-07/2015/180 dated on 04-12-2015, we understand that Ranchi Municipal Corporation is undertaking the Smart City Project wherein it is developing a Greenfield area of 341 acres into Smart City.

Jharkhand Urban Infrastructure Development Company Limited (JUIDCO Ltd) hereby gives in-principle commitment to support the Smart City throughout the construction and O & M period through convergence of various relevant state and central schemes.

Thanking you

Yours Truly,

Sd/-
Chairman- cum- Managing Director
JUIDCO Limited Ranchi

Ranchi, date 10/12/15

Memo No.: 262/270-470 /

Copy to: Principal Secretary, Urban Development & Housing Department, Government of Jharkhand, Ranchi / Municipal Commissioner, Ranchi Municipal Corporation, Ranchi, Jharkhand for information.

10.12.15
Chairman- cum- Managing Director
JUIDCO Limited Ranchi

Annexure 4.19

Commitment vide letter no 5187 Dated 7/12/2015 from Drinking Water and Sanitation Department (DWSD) to support Ranchi Smart City Project

Government of Jharkhand
Drinking Water & Sanitation Department

Letter no:- 7 / वि०-02-99/2015- 5187 Ranchi/Dated.....7/11/15

From:

Amarendra Pratap Singh
Secretary

To:

Director
State Urban Development Agency
Urban Development & Housing Department,
Government of Jharkhand

Sub:- Smart City Ranchi-Convergence with various State & Central Government Schemes.

Sir,

We understand that Ranchi Municipal Corporation is undertaking the Smart City Project wherein it is developing a Greenfield is of 341 acres into Smart City.

Drinking Water & Sanitation Department, Govt. of Jharkhand hereby gives in-principle commitment to support the Smart City throughout the construction and O&M period through convergence of various relevant state and schemes.

Yours faithfully


(Amarendra Pratap Singh)
Secretary

Annexure 4.20

Commitment vide letter no 996 Dated 11/12/2015
from Jharkhand Renewable Energy Development
Agency (JREDA) to support Ranchi Smart City Project



Jharkhand Renewable Energy Development Agency
(State Govt. Agency Under Department of Energy)

Letter no. 996/2015-16

Ranchi, Dated 11-12-2015

To

Shri Rajesh Kumar Sharma
Director,
State Urban Development Agency (SUDA)
Urban Development & Housing Department
Jharkhand, Ranchi

Sub: Smart City Ranchi- Convergence with various State & Central Government Schemes.

Ref: Your letter no. 0172 dt. 04.12.2015

Sir,

With reference to the above mentioned subject, we understand that Ranchi Municipal Corporation is undertaking the Smart City Project wherein it is developing a Greenfield area of 341 acres into Smart City.

Jharkhand Renewable Energy Development Agency (JREDA) hereby gives in-principle commitment to support the Smart City throughout the construction and O&M period through convergence of various relevant state and central government schemes.

Yours faithfully


Director

3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi - 834002
Website : www.jreda.com, e-mail : info@jreda.com
Ph. : 0651-2491161, Fax : 0651-2491165

Annexure 4.21

Commitment vide letter no RMPL 10 Dated 8/12/2015
from Ranchi MSW Pvt. Ltd. to support Ranchi Smart City
Project

Registered Office: Flat No. 1507, Shri. Radhey Krishna Gardens, Rameshwaram, Bariyatu, Ranchi, Jharkhand - 834009

08.12.2018

Kind Attn: Rajesh Kumar Sharma (Director)

Sir,

Ranchi MSW Private Limited, hereby gives in-principle commitment to support the Smart City throughout the construction and O&M period through convergence of various relevant state and central schemes.

For Ranchi MSW Private Limited

For Rental MSW Private
CHINA RAILWAY GROUP
(Authorized Signatory)

Annexure 4.22

Concession Agreement regarding Solid Waste
Management Dated 31/10 /2015 with Ranchi
MSW Pvt. Ltd.

CONCESSION AGREEMENT

**FOR
DEVELOPMENT, OPERATION AND
MANAGEMENT OF MUNICIPAL SOLID
WASTE (MSW) COLLECTION,
TRANSPORTATION, PROCESSING AND
LANDFILL FACILITY FOR RANCHI CITY IN
JHARKHAND**

BETWEEN

RANCHI MUNICIPAL CORPORATION

AND

RANCHI MSW PRIVATE LIMITED

AND

THE CONSORTIUM OF

- (i) M/s Essel Infraprojects Limited,**
- (ii) M/s Essel Utilities Distribution Company Private Limited**
- (iii) M/s Hitachi Zosen India Private Limited**

October 2015



झारखण्ड JHARKHAND

C 169504

Concession Agreement

THIS AGREEMENT is made on this 31st day of October 2015 at Ranchi, Jharkhand, India.

BETWEEN

Ranchi Municipal Corporation, established vide Government Notification No. 1406 and governed by Ranchi Municipal Corporation Act, 2001, having its office at Kutchery Road, Ranchi - 834001, acting through its Municipal Commissioner (hereinafter referred to as the "RMC" or "Authority" which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) of the **FIRST PART**;

AND

Ranchi MSW Private Limited, a company incorporated in India under the Companies Act of 2013 and having its registered office at Flat No. 1507, Shri Radhey Krishna Gardens, Rameshwaram, Bariatu, Ranchi, 834009 duly represented through its Authorized signatory **M/s. Pranay Vidyarthi**, by a Board Resolution dated **30th October 2015** executed in his favor, (hereinafter referred to as the "Concessionaire"), which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and assigns) of the **SECOND PART**.

AND

The Consortium of (i) **M/s Essel Infraprojects Limited**, a company within the meaning of the Companies Act, 2013 (incorporated under the Companies Act, 1956), having its registered Office at 135, Continental Building, Dr. Annie Besant Road, Worli, Mumbai - 400018, (ii) **M/s Essel Utilities Distribution Company Private Limited**, a company within the meaning of the Companies Act, 2013 (incorporated under the Companies Act, 1956), having its registered office at 135, Continental Building, Dr. Annie Besant Road, Worli, Mumbai - 400018, and (iii) **M/s Hitachi Zosen India Private Limited**, a company within the meaning of the Companies Act, 2013 (incorporated under the Companies Act, 1956) having its registered office at 503, 5th Floor, Vatika City Point



Gurgaon Road, Gurgaon-122002, in their capacity as the confirming party to this Agreement (hereinafter referred to as the 'Selected bidder' which expression shall, unless the context otherwise requires, include its successors) duly represented through M/s Essel Infraprojects Limited, the Lead Member of the consortium, through its Authorized Signatory **Mr. Pranay Vidyarthi, AGM, M/s Essel Infraprojects Limited of the THIRD PART**

RMC, Concessionaire and the Confirming Party are hereinafter referred to individually as the "Party" and collectively as the "Parties"

WHEREAS,

1. Ranchi Municipal Corporation (RMC) is responsible for providing municipal and civic services, which includes but not limited to the collection, segregation, transportation, treatment and disposal of Municipal Solid Waste (MSW) generated in the Ranchi city of Jharkhand;
2. The Ministry of Environment and Forests (MoEF), Government of India (GoI), vide its S.O. 908(E) has formulated the Municipal Solid Waste (Management and Handling) Rules 2000/Solid Waste Management Rules 2015 and as amended thereto (hereinafter referred as MSW Rules), which makes it mandatory for every municipal authority (as defined in MSW rules) to implement a scientific solid waste management system wherein Municipal Solid Waste is duly collected, transported and processed and the residual inert/ bio-degradable waste matter is disposed in accordance with the said rules.
3. RMC is desirous of improving the solid waste management services in Ranchi city. For meeting the aforesaid objective, RMC plans to establish a collection, transportation, segregation, processing and disposal system through private sector participation;
4. For this purpose, RMC vide NIT No 755 dated 09-03-2015 had invited competitive proposals from eligible Bidders for implementing the Project and in response thereto received proposals from several Bidders including the Selected bidder for implementing the Project.
5. After completion of the bidding process, the Authority, has accepted the proposal submitted by the Selected Bidder and accordingly issued the Letter of Intent No 3288 dated 08-08-2015 ("LOI") to the Selected Bidder inter alia requiring the Selected Bidder to incorporate the Concessionaire, furnish Performance Security and execute the Concession Agreement inter-alia the execution of this Concession Agreement in compliance to Letter of Intent issued by the Authority.
6. The Selected Bidder has since promoted and incorporated the Concessionaire as its wholly owned company under Companies Act, 2013, as a special purpose vehicle (SPV), to act as the Concessionaire for undertaking the development of the Project in terms hereof. The Selected Bidder has also submitted the constitutional documents of the Concessionaire to the Authority and has requested the Authority to accept the Concessionaire as the entity which shall undertake and perform the obligations of the Selected Bidder including the obligation to enter into this Concession Agreement of the Project in terms hereof.



7. By its letter dated 30th October 2015, the Concessionaire has also joined in the said request of the Selected Bidder to the Authority to accept it as the entity which shall undertake and perform the obligations and exercise the rights of the Selected Bidder including the obligation to enter into this Concession Agreement pursuant to the LOI. The Concessionaire has further represented to the effect that it has been wholly promoted by the Selected Bidder in terms of the RFP for the purpose hereof.
8. The Concessionaire and Selected bidder acknowledge and confirm that they have undertaken a due diligence audit of all aspects of the Project, including technical and financial viability, legal due diligence and on the basis of its independent satisfaction hereby agrees to undertake the Project thereat at its cost and expense in accordance with the terms and conditions hereof.
9. Upon fulfilment of the conditions of the RFP and the LOI, and placing reliance on the representation herein of the Selected bidder as well as the Concessionaire, the Authority has agreed to the said requests of the Selected bidder and the Concessionaire and has accordingly agreed to enter into this Concession Agreement with the Concessionaire pursuant to the LOI for collection, segregation, transportation and processing of MSW of Ranchi by the Concessionaire on the terms, conditions and covenants hereinafter set forth in this Agreement

NOW THEREFORE in consideration of the foregoing and the respective covenants and agreements set forth in this Concession Agreement, the sufficiency and adequacy of which is hereby acknowledged and intending to be bound hereby, the Parties agree as follows:



Annexure 4.23

Expression of Interest Dated 10/10/2015 regarding
Developing IT Parks by Infinity Infotech Parks Limited



CEO RMC <ceornn@gmail.com>

IT\ITes Infrastructure for proposed Smart City at Ranchi

1 message

Gouri Shankar Bajoria <gsbajoria@infinityitpark.com>

Thu, Dec 10, 2015 at 4:24 PM

To: ceornn@gmail.com

To,
The CEO,
Ranchi Nagar Nigam,
Ranchi.
Dear Sir,

We beg to introduce ourselves as a joint venture company with Govt. Of West Bengal (WEBEL) engaged primarily in the development of state of art real estate and related infrastructure offering a complete range of services to Information Technology and ITes sector.

"Infinity" has pioneered in creating infrastructure solution for IT\ITes sector and created the path breaking first intelligent workspace "**Infinity Think tank**" at sector V at Kolkata in the year 2000, combining environmental values with futuristic design and robust engineering. This was followed up with more prestigious IT infrastructures, namely "**Infinity Benchmark**", the 7th platinum rated USBGC certified green building in the world under LEED core & shell and 2nd such building outside USA, "**Godrej Waterside**" a mammoth joint venture project between "Infinity" and "Godrej" following it up with "**IT Lagoon**" completed recently. "Infinity" has put Kolkata in the forefront of phenomenal IT\ITes growth in eastern India bringing IT\ITes revolution to Kolkata.

"Infinity" is also developing large residential projects in Guwahati, and Ranchi. It is also currently executing a grand township project at Vrindavan designated as "**Krishna Bhumi**" encompassing an area of nearly 40 acres and adjacent to proposed "**Vrindavan Chandrodaya Mandir**" being planned as world's tallest krishna temple, nearly 700 ft. high. "Infinity" is also implementing a green lifestyle mall at Ranchi, namely "**Infinity Sapphire Square**" to cater to needs of the local population.

Sir, we understand that Ranchi has been selected as one of the proposed Smart Cities by the Govt. Of India. As we are interested in developing a futuristic IT Park there, we shall request you to kindly allot us an area of nearly **25 acres** for the said purpose. Sir, you will appreciate that development of IT Park is an integral part of the proposed smart city and we look forward to receiving your patronage for the same so that we can bring the IT \ITes revolution to this part of India.

We are also enclosing herewith our company profile for your perusal.

Thanking you and looking forward to hear from you,

Yours truly,

g s bajoria
vice president



infinity infotech parks limited

CIN : U17122WB1991PLC053828

infinity tower II, 3rd floor, plot a3, block gp, sector v
salt lake, kolkata - 700091

t:+91(33)23573686 f:+91(33)23573687 m:+919831058913

e: gsbajoria@infinityitpark.com w: www.infinityitpark.com



friend :

Annexure 4.24

Expression of Interest Dated 8/3/2016 to Setup
Skill College by “Venture Skill India Pvt. Ltd.”

A: 6th Floor, Panchwati Plaza, Kutchery Road,
Ranchi-834001, Jharkhand
P: 0651-2214812, 3254200
E: rajeev@venturecad.co.in
E: rajeev@ventureskillindia.co.in
W: www.ventureskillindia.co.in
CIN: U80301JH2013PTC001681



Letter of Intent (LOI)

To,
The Municipal Commissioner
Ranchi Municipal Corporation
Ranchi-834001, Jharkhand

Sub: LOI for opening of "Skill Collage" in the Smart City area.

Dear Sir,

With the above reference to the above subject, we are pleased to inform you that **Venture Skill India Private Limited, Ranchi, Jharkhand (a NSDC Partner)** has interested in open a "Skill Collage" in the Smart City area.

About us: Venture Skill India Pvt. Limited (a NSDC Partner) is one of the leading educational companies bearing registration no U80301JH2013PTC001681 registered under Companies Act, 1956 (1 of 1956) and having its registered office at 6th Floor, Panchwati Plaza Kutchery Road, Ranchi-834001, Jharkhand. Our presence in each of the education and skill verticals is marked with technology-enabled products, high quality people, structured processes and entrepreneurial leadership, that come together to deliver unmatched value. Venture delivers courses in the following sectors i.e. Capital Goods, Automotive, Aerospace, Media & entertainment, Tourism & Hospitality, Beauty, Wellness, Electronics, IT-ITES, and Telecom and organized Retail.

Office Ranchi Municipal Corporation
Ranchi
Received On:

1049
2.3.16

"Skill Collage"

(Expected Buildup Structure)

Particulars	Quantity	Expected Buildup Area (Sq. Feet)	Remarks
Area required for "Skill Collage"	1 acre (43560 Sq. feet)		Residential "Skill Collage" made by Venture
Number of Sector covered under Skill Training in the "Skill Collage"	6	14675 Sq. feet	Capital Goods, Automotive, IT-ITES, Apparel, Electrical & Electronics, and Tourism & Hospitality
Hostel Facility in the "Skill Collage" for Boys	50 Bed	3284.17 Sq. feet	Separate
Hostel Facility in the "Skill Collage" for Girls	50 Bed	3284.17 Sq. feet	Separate
Canteen in the "Skill Collage"	Yes	1601.77 Sq. feet	Common
Others: Parking/Guard Room/Open Area/Principal cum's Warden Room etc.	Yes	20714.89 Sq. feet	

नवीन
राष्ट्रीय कार्यपालक सहायक
सीबी नगर निगम, रांची



Signature

Training Partner
NSDC
National Skill Development Corporation

A: 6th Floor, Panchwati Plaza, Kutcheri Road,
Ranchi-834001, Jharkhand
P: 0651-2214812, 3254200
E: rajeev@venturecad.co.in
E: rajeev@ventureskillindia.co.in
W: www.ventureskillindia.co.in
CIN: U80301JH2013PTC001681



It would be a great opportunity for us to associate with you & put our effort & Endeavor to cooperate with each other.

We really appreciate your esteemed organization initiatives under taken & it would be great if you give us a chance to open a "Skill Collage" in the Smart City area.

With warm regards we remain

Enclosure: Skill Collage Map



Signature [In full and initials]
Rajeev Kumar Singh (Director)
Venture Skill India Pvt. Ltd.



Annexure 4.25

Expression of interest Dated 3/3/2016 to setup
Skill Development Center by “Satyendra Narayan
Sinha Institute of Business Management”



SATYENDRA NARAYAN SINHA INSTITUTE OF BUSINESS MANAGEMENT

Approved by All India Council for Technical Education (AICTE) Ministry of HRD, Govt. of India, New Delhi
Affiliated to Ranchi University, Ranchi

Ref. No.: SNS/SA-66/(NULM)/2016-72
Dated : 03.03.2016

Smart City aef
12/03/16

To,
Municipal Commissioner
Ranchi Nagar Nigam,
Ranchi.

**Subject : Allotment of land for Skill Development Training
Centre in proposed Smart City in Ranchi.**

577/रा.०
14/3/16

Dear Sir,

This has reference to the meeting held on 27th Feb.'16 under your chairmanship on NULM Programme wherein it was communicated that the Dept. of Urban Development, Govt. of Jharkhand, has reserved 34 Acres land for Skill Development Training providers to establish Skill Development Training Centres in the Smart City being developed in Ranchi.

This matter was communicated to the Management Committee of S.N. Sinha Institute of Business Management by our representative who attended the referred meeting. The Management committee has decided to establish Skill Development training centre in the Smart City and we request you to allot Five acre of Land for the purpose.

We further request you to provide us the necessary documents wherein we can provide you the desired informations.

Thanking you,

Yours sincerely,

(Prof. N.P. Singh)
Chairman

CAMPUS :

Hawainagar, Road No. - 6
Birsu Chowk, Khunti Road
Ranchi - 834003, Jharkhand (India)

Phone : 0651-2250753, 2252100, 2250286, Fax : 0651-2250286

PROJECT OFFICE :

Dhurwa, Ranchi - 834004
Jharkhand (India)

Phone : 0651-2446707

Email : snsibm@rediffmail.com. Website : <http://www.snsibm.ac.in>

Annexure 4.26

Expression of Interest Dated 30/11/2016 regarding
Skill Development University by “Team Lease”

12/11/2015

Gmail - Details required for establishment of institutions for skill development



skand singh <skandsingh.atbiet@gmail.com>

Details required for establishment of institutions for skill development

2 messages

skand singh <skandsingh.atbiet@gmail.com>

Mon, Nov 30, 2015 at 7:56 PM

To: saikat.roy@teamlease.com

Cc: ceomn@gmail.com, Sudha Kant <sudha.kant@in.ey.com>, "poonam. dudani" <poonam.dudani@in.ey.com>, ceo@ranchimunicipal.com

Dear Sir,

This has reference to your telephonic conversation with Mr. Prashant Kumar, Municipal Commissioner, Ranchi Municipal Corporation.

Ranchi Municipal Corporation on basis of its citizen's opinion is interested to develop Ranchi as a Knowledge Hub with special focus on skill development, through the smart city mission of MoUD, GOI.

Therefore, it is requested to kindly share the details as discussed in the aforementioned conversation at the earliest please.

With Regards,
Skand Pratap Singh
9934301425

Saikat Roy <saikat.roy@teamlease.com>

Wed, Dec 2, 2015 at 4:44 PM

To: skand singh <skandsingh.atbiet@gmail.com>

Cc: ceomn@gmail.com, Sudha Kant <sudha.kant@in.ey.com>, "poonam. dudani" <poonam.dudani@in.ey.com>, ceo@ranchimunicipal.com, Neeti <neeti@teamlease.com>

Dear Mr. Singh,

Greetings from TeamLease Services !

I am writing in reference to our discussion and subsequent telephonic discussion with Mr. Prashant Kumar, Chairman Ranchi Municipal Corporation on 30th November.

As discussed, for setting up TeamLease Skills University, we would require a 'Campus' measuring a minimum of Ten (10) acres for setting up the Skill University at the Knowledge hub for educational and related purpose for duration of 25 Years on sub-lease basis. The Campus will consist of, but not restricted to, a minimum built of space of Seventy five thousand (75000) sq. ft., which will include classrooms, workshops, academic block, staff rooms, and other such amenities which are required for the functioning of a Skill University.

<https://mail.google.com/mail/u/3/?ui=2&ik=d3494af29f&view=pt&q=team%20lease&qs=true&search=query&th=15158c9f93ec4835&siml=15158c9f93ec4835&s...> 1/2

12/11/2015

Gmail - Details required for establishment of institutions for skill development

Apart from the 75000 sq. ft. requirement, a building and other amenities are required for complete functioning of the Skills University .

We assume that there would be adequate space and infrastructure for Students' Hostels, Faculty Quarters, and Guest House for visitors, play area for NCC or any other sports activities, Convention Centre and/or an Auditorium, Open Air Theatre etc.

I think the above information would be adequate to proceed further.

Looking forward to hear from you at the earliest.

With Best Wishes and Regards

Cordially

Saikat Roy

Divisional Manager

TeamLease Services Ltd

3A/1 (3rd floor), 228A, A.J.C. Bose Road, Landmark Building, Kolkata- 700020

+91 9830077270 (M) | +91 33 40023302

From: skand singh [mailto:skandsingh.atbiet@gmail.com]

Sent: Monday, November 30, 2015 7:57 PM

To: saikat.roy@teamlease.com

Cc: ceomn@gmail.com; Sudha Kant; poonam.dudani; ceo@ranchimunicipal.com

Subject: Details required for establishment of institutions for skill development

[Quoted text hidden]

Please follow the attached hyperlink to an important disclaimer
<http://www.teamlease.com/disclaimer.htm>

<https://mail.google.com/mail/u/3/?ui=2&ik=c3494af29f&view=pt&q=team%20lease&q=15158c9f93ec4835&siml=15158c9f93ec4835&s...> 2/2

Annexure 4.27

Expression of Interest Dated 30/11/2016 to Setup
Hotel by Rameshwaram Hospitalities Pvt. Ltd.



CEO RMC <ceornn@gmail.com>

EXPRESSION OF INTEREST FOR PLOT OF LAND FOR HOTEL

1 message

Chandrakant Raipat <craipat@gmail.com>
To: ceornn@gmail.com

Thu, Dec 10, 2015 at 1:37 PM


Dear Sir,

Please find enclosed herewith as attachment our Expression of Interest for Hotel in proposed Smart City Complex.

With Regards,
Chandrakant Raipat
Rameshwaram Hospitalities Pvt. Limited

Chairman cum Managing Director

Greetings from Rameshwaram Group.....
C/o Hindustan Tiles
Shukla Colony, Hinoo
Ranchi - 834002
Website:-rameshwaramindia.com
Mobile-9431115362
Phone-0651-6000217

 Expression of Interest in Hospitality Sector Plot_0001.pdf
182K

Rameshwaram Hospitalitys Private Limited



10th November 2015

To,
The Municipal Commissioner,
Ranchi Municipal Corporation,
Ranchi.

Sir,

SUB: Expression of Interest in Hospitality Sector Plot in Smart City endeavour

We are pleased to introduce our self as one of the prime hoteliers in Ranchi since more than one decade.

We are in the field of Hospitality Industry providing services to the city of Ranchi from following two prime properties-

1. Hotel Green Horizon, Station Road, Ranchi. - Equivalent to four star
2. Hotel Green Acres, Airport Road, Ranchi. - Equivalent to three star

We learnt that RMC is coming up with Smart City initiative and going ahead with formation of Special Purpose Vehicle for development of 341 Acres of land in South Ranchi.

We also learnt that specific plot of land shall be allocated for Hospitality Industry.

We are interested in expanding in Hospitality Industry by way of Hotels and Hostels as proposed in Smart City endeavours in Ranchi.

We put forth our expression of Interest in participating for the same.

Please let us know the procedure to go ahead in this matter.

For Rameshwaram Hospitalitys Private Limited


Chandrakant Raipat
Chairman cum Managing Director
craipat@gmail.com
9431115362

Annexure 4.28

Expression of Interest Dated 30/11/2016 regarding establishment of Private University under Department of Higher and Technical Education by AISECT



CEO RMC <ceornn@gmail.com>

**Request Letter for allotment of land setting up of private university in
Jharkhand_AISECT**

1 message

aisect jharkhand <aisectjharkhand@aisect.org>

Thu, Dec 10, 2015 at 12:18 PM

To: ceornn@gmail.com

Cc: Pandit Abhishek <pandit@aisect.org>, amitabh_bpl@yahoo.com, munishkgovind@gmail.com

Dear Sir

Greetings from AISECT.

Please find attached herewith our request letter for allotment of 25 acres of land in smart city project for setting up of private university.

Looking forward for support & cooperation from you.

Thanks & Regards
Shailendra Mishra
AISECT Jharkhand



Request Letter for Land_AISECT.jpg
105K





N.S.D.C.
National
Skill Development
Corporation

PARTNERSHIP FOR SKILL DEVELOPMENT

AISECT-NSDC State Resource Centre - Jharkhand
2nd Floor (A), Shree Sai Tower, Circular Road,
Ranchi-834001, Jharkhand, Ph. 0651-2563964,
e-mail: aisectjharkhand@aisect.org

AISECT National Office - New Delhi
707-708, International Trade Tower, Nehru Place,
New Delhi-110 019, Tel: +91-11-40526727, 41066728
E-mail: aisectdelhi@aisect.org

Date: 10.12.2015

To
The Municipal Commissioner
Ranchi Municipal Corporation
Ranchi

Dear Sir

Sub: Allotment of land for setting up a University in the Smart City project of Ranchi

This is with reference to setting up a university in the Smart city project of Ranchi in the HEC area. AISECT has been allotted an LOI to establish a Private University in Ranchi (Ref: Letter No. 5/V.1-67/20152115) by the department of Higher and Technical Education, Ranchi and we are keen to set up the university in the smart city area of Ranchi.

We are looking for 25 acres of land in the allotted area for educational purposes in the smart city. We look forward to your co operation in the allotment of land for this purpose.

Warm Regards

for Shailendra Hishe
Munish Govind
OSD, AISECT
09424442307

AISECT Headquarters : SCOPE Campus, NII-12, New Marwa, Heavengalwad Road, Bhopal-462047.
Ph: +91-755-249965 / 3291214-15-16-17, 3207080 Fax: +91-755-2432911, E-mail: aisect@aisect.org Visit us: www.aisect.org

WINNER OF : MANTHAN SOUTH ASIA AND ASIA PACIFIC AWARD 2012 / ASHOKA SENIOR FELLOWSHIP AWARD 2011 / CEI 2011 AWARD FOR EXCELLENCE IN IT-
I-INDIA FINANCIAL INCLUSION EXCELLENCE AWARD 2011 / TII UPMIS PARTNER ENTREPRENEURIAL EXCELLENCE AWARD 2009 / NASSCOM EMERGE 50 LEADER
AWARD 2009 / I4D AWARD 2007 NASSCOM IT INNOVATION AWARD 2006 / INDIAN INNOVATION AWARD 2005 / GOLDEN ICON IN NATIONAL E-GOVERNANCE 2005

28
YEARS
OF BUILDING
CAREERS

Annexure 4.29

Expression of Interest Dated 02/04/2016 regarding
establishment of Kids School by MENSA
Educational Trust

Smart City cell
2/10/16



From,

Smt. Prabha Singh
Chairperson & Managing trustee of Board of Trustees
MENSA Educational Trust, Ranchi.

To,

Shri Prashant Kumar, IAS
Municipal Commissioner,
Ranchi Municipal Corporation, Ranchi.

Sub: Expression of interest for establishing a kids school in proposed Smart City, Ranchi.

Sir,

I came to know from the various news papers & facebook that a smart city is going to grow up in Ranchi for which Govt. has accorded sanction for 341 acres of land in HEC area, Ranchi.

The Mensa Educational Trust is interested in opening and establishing an educational school for small children which will impart education to the children of Ranchi & weaker section as well.

I, therefore, request you to kindly consider my request for allotment of 1 acres of land in the proposed smart city at suitable location.

I shall be obliged to you for this.

Thanking You,

Prabha Singh
Yours faithfully

Prabha Singh
W/O- Dr. Ram Singh
A/73 Satellite Colony
SAIL Township, Dhurwa,
Ranchi-04.

#389/B, Ashok Nagar, Road No-04, Ranchi, Jharkhand-834002

www.mensaeducationaltrust.org | menaeducationaltrust@gmail.com

Annexure 4.30

Expression of Interest Dated 29/02/2016 regarding
Plot Allocation to establish University by Pragyan
Foundation



Smart City Cell
D. 01/03/16

PRAGYAN FOUNDATION

40/2, Rupchand Mukherjee Lane, Kolkata-700025
Ph.: +91-33-24540060 / +91-33-24769361
E-mail: pragyanfoundation@yahoo.in
Web: www.pragyanfoundation.net
Fax: +91-33-24853845

(A Public Charitable Trust formed under Indian Trusts Act, 1982 : Registered under Indian Registration Act, 1908)

Ref. No.:

Date: 29/02/2016

To,
The Municipal Commissioner,
Ranchi Municipal Corporation,
Ranchi, Jharkhand.

Sub: Expression of interest in education sector plot in Smart City endeavor in Ranchi

Respected Sir,

We would like to introduce ourselves as **Pragyan Foundation**, the promoters of **Pragyan International University**, a proposed private university in Ranchi.

The trustees of Pragyan Foundation have been involved in the field of education for more than 25 years in and around Kolkata and have recently procured the **Letter of Intent (LOI)** from the **Ministry of Higher & Technical Education, Government of Jharkhand**.

It has come to our knowledge that the Ranchi Municipal Corporation is introducing the Smart City initiative in Ranchi and has created a special purpose vehicle for acquisition and development of 341 acres in Ranchi.

We have also learnt that an allotment of a certain area of this land would be made towards education sector.

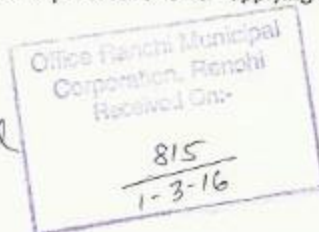
Therefore we hereby put forward our expression of interest in participating in the Smart City initiative by establishment of the **Main Campus of our University** in this would-be allotted land for development of the education sector of minimum of 25 acres.

If an allotment of 25 Acres cannot be made, we would also be interested in procuring a smaller area (minimum 1 Acre) for establishment of an Extension Centre of our University in this Smart City Zone.

Please inform us what the procedure is for applying towards the land allotment in this Smart City initiative in Ranchi.

Respectfully,

Chandran Agarwal
(Trustee)



Annexure 4.31

Expression of Interest Dated 26/2/2016 regarding
establishment of Amity University in Ranchi by
“Ritnand Balved Education Foundation”

Ritnand Balved Education Foundation

(An Umbrella Organisation of Amity Educational Institutions)

Friday, February 26, 2016

Shri Prashant Kumar (IAS)
Commissioner,
Ranchi Municipal Corporation,
Ranchi, Jharkhand

AKC HOUSE
E-27, Defence Colony, Ring Road
New Delhi- 110024 (India)
Tel-41888340, 41888575
Fax- 24338600
Website: www.amity.edu

Sub: Submission of application for allotment of 50 Acres of land for establishment of Amity University, Jharkhand.

Ref: Our application to the Secretary, Higher & Tech, Education dated 25-02-2016

Hon'ble Sir,

This is in reference to our above mentioned subject for establishment of Amity University, Jharkhand.

► About Ritnand Balved Education Foundation (RBEF)

Firstly, we take this opportunity to introduce Ritnand Balved Education Foundation (RBEF) is the umbrella organization of the Amity Institutions and sponsoring body of the Amity University, Jharkhand. RBEF was founded in 1996 and the first Amity institution came up in 1990. Presently, more than 1,25,000 Students study in 300 programs across 22 Amity campuses spread over 1200 Acres of land with 5 million sq. ft. of built-up area. Amity is currently a leading education provider in India.

► UNIVERSITIES ESTABLISHED

Amity University Uttar Pradesh (AUUP), Noida is sponsored by the RBEF and is one of the first private universities of the country. Amity University Uttar Pradesh was established vide The Amity University Uttar Pradesh Act, 2005 (U.P. Act No. XI of 2005) in the State of Uttar Pradesh through state legislature. The AUUP has been Accredited with Grade-A by NAAC.

Amity University Rajasthan (AUR), Jaipur has been approved by the Rajasthan Govt. vide the Amity University Rajasthan, Jaipur Act, 2008 (Act No. X of 2008) and it is functional from the academic session 2007-08;

Amity University Haryana (AUH), Gurgaon has been approved by the Haryana Govt. vide the Haryana Private Universities (Amendment) Act, 2010 (Haryana Act No. 10 of 2010) and it is functional from the academic session 2010-11;

Amity University Madhya Pradesh (AUMP), Gwalior has been approved by Madhya Pradesh Govt. vide the Madhya Pradesh Niji Vishwavidyalaya (Sihapana Avam Sanchalan) Dwitiya Sanshodhan Adhiniyam, 2010 (Madhya Pradesh Act No.27 of 2010 dt. 30.12.2010) and it is functional from the academic session of 2011-12;

Amity University Nagaland (AUN) has been approved by Nagaland Govt. vide the Nagaland Act No.10 of 2011 dt. 29-8-11 and it will be functional shortly.

Amity University, Chhattisgarh has been approved by the Chhattisgarh Govt. vide Chhattisgarh Act. No.13 of 2014 dt. 21th August, 2014 and it is functional from the academic session 2014-15.

Amity University, Mumbai has been approved by the Maharashtra Govt. vide Maharashtra Act. No.XIII of 2014 on dt. 24th June, 2014 and it is functional from the academic session 2014-15.

Amity University, West Bengal has been approved by the West Bengal Govt. vide West Bengal Act. No. XXIV of 2014 on dt. 21th January, 2015 and it is functional from the academic session 2014-15.

Amity University, Uttarakhand got 'LOI' No.14/13/XXIV(6)/2013 Dated 27-02-2013 from the State Govt. and likely to be operational shortly.

Amity University, Bihar got 'LOI' No.15/M 1-33/2014-2138 Dated 11-11-2014 from the State Govt. and likely to be operational shortly.

More than 6,000 faculty and staff members are dedicated to making Amity institutions world class and included leaders such as 13 former Vice Chancellors of renowned Universities including Roorkee University, the former Vice Chairman of the AICTE, 23 former Generals/Admiral of the Indian Army, former IAS and IPS officers, former Directors of CSIR Lab, former Directors of Association of Indian Universities (AIU), renowned former Scientists from DST and DRDO, former CEO's of PSU's and of course many brilliant academicians.

Amity imparts education in almost all areas including management, engineering, biotechnology, law, architecture, communication, insurance, nanotechnology, behavioural science, fine arts etc. The Amity Business School and the Amity Institute of Biotechnology have both been ranked No.1 in the country among private institutes. The Amity Institute of Telecom and Technology Management have also been ranked among the top in the country and The Amity School of Engineering and Amity School of Law have been ranked No. 1 in terms of placements.

Amity provides industry oriented professional courses and is at the cutting edge of innovation. We were, for example, the first in India to start a Masters Programme in Nanotechnology. Amity was also the first in the country to start a programme in cyber law and the first to launch an insurance institute. This industry oriented approach has ensured that Amity's placements are 100%.

► SCHOOLS AND PRE-SCHOOLS ESTABLISHED

Apart from higher education, seventeen Amity International Schools and Pre-schools located in Delhi, Noida, Gurgaon & Lucknow are currently ranked amongst the top Schools in India. Few of them are as under: -

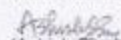
- Amity International School, Saket, Delhi
 - Amity International School, Noida
- Amity International School, Sector- 6, Vasundhara, Ghaziabad.
 - Amity International School, Mayur Vihar, Delhi
- Amity International School, Sector-43, Gurgaon
 - Amity International School, Pushp Vihar, Delhi
- Amity International School, Sector- 46, Gurgaon
 - Amity International School, Sector-1, Vasundhara, Ghaziabad
- Amity International School, Lucknow
 - Amity Indian Military College, Gurgaon

Our request for allotment of 50 Acres of land in the Knowledge Smart City to be carved out from Heavy Engineering Corporation Ltd. (HEC) Complex, Dhurwa, Ranchi.

RBEF, on submission of Detailed Project Report and Proposal was issued Letter of Intent by the Government of Jharkhand vide letter No. 5/V/1-70/2015/2119 dt. 30.10.2015. The Government of Jharkhand is in process of establishing Amity University Jharkhand by enacting of Amity University Jharkhand Act, 2016. The University proposes to start its academic session from 2016-17. RBEF, proposes to make Amity University, Jharkhand a world class University both in term of Physical & Academic infrastructure.

In view of the above, we request your good self to kindly allot 50 Acres of land for establishing of Amity University Jharkhand in the knowledge Smart City to be Carved out from HEC Complex/Area, Dhurwa, Ranchi

Thanking you,
Yours sincerely,


(Ashish Singh)
Director, Projects

Annexure 4.32

Expression of Interest Dated 10/11/2015 regarding
Plot Allocation to setup Senior Level School by
“Tender Heart Senior Secondary School”



TENDER HEART SENIOR SECONDARY SCHOOL

AN ISO 9001 : 2000 CERTIFIED SCHOOL

(Affiliated to CBSE, Delhi) (School No. 52006)

TUPUDANA, RANCHI - 834 003

Phone No. 0651-2291546 (O), 9204060667 (O)

email - thsss.ranchi@gmail.com

EXPRESSION OF INTEREST FOR SCHOOL IN SMART CITY

Letter No : EOI/RMC/15-16/01

10th November 2015

To,
The Municipal Commissioner
Ranchi Municipal Corporation,
Ranchi.

Sub : Expression of interest for plot for Senior level School with 10+2.

Sir,

Tender Heart School is in the field of Education for more than 15 years imparting education upto 10+2 in Ranchi. Our school with more than 2500 students is located in Tupudana, Ranchi.

You are coming up with Smart City and going ahead with development of 341 Acres of land in South Ranchi.

We are interested in expanding our horizons in education sector.

We put forth our expression of interest in participating for the same.

Please let us know how we have to go ahead.

Thanking you.

For Tender Heart Sr. Sec. School

Gargi Mayji
Principal
Tender Heart Sr. Sec. School
Tupudana, Ranchi-3



Annexure 4.33

Expression of Interest Dated 15/03/2016 regarding establishment of Five Star Hotel and Shopping Mall by “SHRIRAM OZONE”

March 15, 2016

To,
The CEO,
Ranchi Municipal Corporation,
Kutchary, Ranchi - 834001.

Smart City Cell
D
x/02/16

Kind attention: Respected Mr. Prashant Kumar, IAS

Sir,

Sub: Request for allotment of HEC land in Ranchi

At the outset, we would like to briefly introduce ourselves to you. We, Shriram Ozone Group of Companies, are a Jharkhand based reputed business organization with our root lies in Dhanbad and presence spread over the eastern region of the country. We take immense pride in acknowledging the fact that our state - Jharkhand has witnessed tremendous growth in recent past and its capital, Ranchi, as a city has remarkably uplifted its position in terms of economic development. We are happy to be a contributor to it.

So far, we have constructed around 2 million square feet in real-estate which includes mall with multiplex theaters, shopping arcades, branded showrooms, three star equivalent luxury hotel and top-notch residential complexes. Recently, we have signed up with the world's No. 1 International Hotel Brand called Marriott for Fairfield Hotel at New Town, Kolkata which is under development stage at this moment. Apart from the real-estate ventures and hospitality wings, we are also diversified into distribution of steel, cement and lubricants, while running the franchisee stores of Tanishq at Ranchi and Dhanbad. We would request your kind attention towards our brief profile attached herewith that highlights our major activities. With our first-rate exposure in the industry, with an annual turnover of approx INR 225 Crore and net-worth of approx INR 100 Crore, it makes a sense that we plan for mega projects in Ranchi at par with the city's enormous potential.

We propose construction of:

- a Five-star Hotel - on an area of 5 Acres,
- a Shopping Mall-cum-Entertainment Centre - on 10 Acres, and
- Residential Complexes/ Township Project - on 25 Acres of land;

at HEC land in Ranchi

नगर आयुक्त,
राँची नगर निगम, राँची
16/3/16

Office Ranchi Municipal
Corporation, Ranchi
Received On:-

1972
16-3-16

Continued to Page 2..

Shriram Ozone has the strength of over 300 employees which comprises qualified and experienced senior people whose efficiency and intense ability have been one among the key factors behind the group's success. Our adequate manpower consists of competent employees in various departments – Projects, Design, Finance & Accounts, Legal & Liaison, Operation, Sales & Marketing, HR and Administration.

Having sound financial background, years of time-tested experience and qualified technical team, we can immediately commence work at site following the allotment of the land by you. We, without any fail, shall definitely meet the construction timeline; in fact we might complete the projects well before the estimated time period, as we have similar experiences in the past. The class and quality of the projects shall be truly world-class which equally reflects in our existing landmark buildings. We take pride in saying that our ethical practice, professional style of working and quality products put us where we stand today.

We are happy to let you know that Marriott, after Kolkata, has now expressed their interest for expanding their business at Ranchi in association with us. As the city has emerged as the most ardent business destination of East, along with a Hotel, we are quite optimistic of building a mega Mall with entertainment facilities like multiplexes and game zones etc. In parallel to that, building a residential township is the need of the hour to meet the huge demand for residences in Ranchi.

With the submission above, this is our earnest request before you for the necessary arrangement so that we may please be allotted with the land as proposed hereinabove. We are keen to contribute in enhancement of the lifestyle of Ranchi in parallel to its economic development. As a professionally managed and structured corporate entity, we would like to hereby assure that we shall comply and abide by all necessary statutory obligations in terms of allotment of the proposed land and constructions thereon.

For your kind perusal and reference, we are enclosing herewith our brief profile and also some of our projects' brochures.

You may kindly consider our application on the basis of merit in the relevant field. We are enthusiastic about this proposal and envisaging a great success of it with your kind support. We would be sincerely thankful to get your appointment at your good office so that we can give a presentation before you for further clarity on it.

An early response on the subject matter from your good office shall be highly appreciated.

Thanking you,

Yours faithfully,

Shri Ram Multicom Private Limited



Director

ACTIVITIES OF THE GROUP

REAL ESTATE

Aiming for the skyline of eastern India...

Shriram Ozone rewrote the history of real estate in Jharkhand. It brought in the organized real estate experience for the first time in the erstwhile small promoter dominated construction industry there.

Today, owing to its leadership, Jharkhand is progressively improving its real estate infrastructure. Organized retail, residencies and multiplexes are flowing in, thanks to Shriram Ozone's tireless initiatives in the region.

So far, Shriram Ozone has constructed over 2 million sq. ft. in Ranchi and Dhanbad. It is coming up with diverse residential and commercial projects and 3-4 townships in different parts of eastern India, including Kolkata, Asansol and Durgapur in the near future.

Our commercial projects

Ozone Galleria - Dhanbad

The first truly complete global mall in Jharkhand and Bihar, located at Dhanbad is of around 3 lakh sq. ft. Pantaloons & Big Bazaar anchor this global mall. Fame Cinemas brings in the first multiplex experience in this region. And, numerous reputed national & international brands have moved in as mini anchors and vanilla retailers as well.



With its superb elevation, thoughtful use of space, and attractive occupants, it is already a much talked about port of call in the East.

Shriram Ozone plans to build at least 5 global malls in the next five years in Eastern India.

www.shriramozone.com

Ozone Plaza

It is located at the main business hub of Dhanbad city - Bank More. Today it is the landmark destination for offices and retail business outlets. For the first time, offices, retail and contemporary hospitality reside together in this seven storey building of 2 lakh sq. ft.



Ozone Centre

Ozone Centre is designed for the ideal environment for corporate office space. One of the tallest buildings in the vicinity this commercial complex today witnesses many corporate and government offices. Total development is spread over 1.5 lakh with basement + ground + 9 floors.



Shriram Plaza

Shriram Plaza is the first venture of Shriram Ozone Group in real estate sector way back in 2004. During that period Dhanbad was in need of a proper and structured business centre and it was awarded with this landmark building at Bank More, Dhanbad with a development of 1.5 lakh sq. ft. This building today is the landmark icon of Bank More, Dhanbad and witnessing some jewellery, apparel brands, banks and financial institutions along with office of many reputed organizations.



HOSPITALITY

Shriram Ozone is also growing in its Hospitality wing. We understand that we can meet the expectation of our guests and can amaze them with world class facilities.

The Group is eyeing to bring in Hotels and Resorts with star category facilities in multiple cities in the East.

Sonotel - Dhanbad

Check in to Luxury

For the first time ever, a hotel at Dhanbad that offers you star category living facilities. Experience the quintessential Sonotel hospitality. A 56 keys living delight. With business and luxurious suites. Tastefully designed and furnished to suit a 21st century lifestyle.



Snapshots of Interiors

www.shriramozone.com

Annexure 4.34

Expression of Interest Dated 10/10/2015 regarding
Development of Residential and Commercial Plots
for Smart City Project by “Pranami Group”



CEO RMC <ceornn@gmail.com>

Offer for Ranchi Smart City

1 message

cmdpranami@gmail.com <cmdpranami@gmail.com>
To: ceornn@gmail.com

Thu, Dec 10, 2015 at 10:57 AM

Dear Sir,

We are pleased to thank you for giving us a chance to participate in the Smart City Project for Ranchi.

As per the discussion held in the meeting for Smart City, we are interested to become part of it and as a reputed Developer of Ranchi, we want to become a part for developing Residential or Commercial part in the proposed Smart City for Ranchi.

We want to bring in your kind attention that as proposed by you for the Smart City, it will be a next level step for our state to keep one step forward for the growth and it will be very helpful for our city's growth.

Once again, thank you for giving an opportunity for the Smart City Project and we will be waiting for joining hands for the future growth.

Thanking you

Bijay Kumar Agarwal
Pranami Group
201, 2nd Floor,
H. P. Chambers, Kutchery Road,
Ranchi (Jharkhand) 834001
Contact No - +91-9334966007
Email - md@pranamigroup.com

Annexure 4.35

Report of Police Department regarding
Measure taken for Woman Safety in Ranchi
vide no 2228 Dated 15/3/2016

पत्रांक 2228 / २०का०

वरीय पुलिस अधीक्षक का कार्यालय, राँची ।

प्रेषक,

वरीय पुलिस अधीक्षक,
राँची ।

सेवा में,

नगर आयुक्त,
राँची नगर निगम, राँची ।

राँची, दिनांक 15/03/16

प्रसंग:- आपके कार्यालय का पत्र संख्या-695/दिनांक 11.03.15

विषय:- राँची शहर में महिलाओं की सुरक्षा के लिए किये जा रहे उपायों की
जानकारी उपलब्ध कराने के संबंध में ।

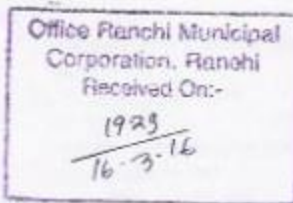
महाशय,

उपर्युक्त प्रसंगाधीन विषय के संदर्भ में सूचित करना है कि राँची जिला के शहरी क्षेत्र की महिलाओं की सुरक्षा/सहायता/समस्या के निराकरण के साथ-साथ सशस्त एवं जागरुक करने के लिए वर्तमान समय में 20 महिला प्रेट्रोलिंग शक्ति मोबाईल (Apps) प्रारम्भ किया गया है ।

शुल्म अवलोकन हेतु प्रारम्भ किये गये 20 महिला प्रेट्रोलिंग शक्ति मोबाईल की प्रतिनियुक्ति संबंधी आदेश की छाया प्रति साथ संलग्न है ।

अनु- प्रारम्भ किये गये 20 महिला प्रेट्रोलिंग शक्ति मोबाईल
के प्रतिनियुक्ति संबंधी आदेश की छाया प्रति ।

वि श वा स भा ज न
वरीय पुलिस अधीक्षक,
राँची ।



नगर आयुक्त,
राँची नगर निगम, राँची
16/3

आदेश

पुलिस महानिरीक्षक (सं० अप०) अपराध अनुसंधान विभाग, झारखण्ड, राँची के कार्यालय का आदेश ज्ञापक 57/गो०, दिनांक 08.03.2016 के आलोक में राँची शहर के महिलाओं के सुरक्षा/सहायता/समस्या के निराकरण के साथ-साथ सशस्त्र एवं जागरूक करने के लिए राँची जिला में 20 महिला प्रेटोलिंग शक्ति मोबाईल को 2 (दो) शिफ्ट में प्रारम्भ किया जाता है। महिला शक्ति मोबाईल पी०सी०आर० वाहन एवं टाईगर मोबाईल से टैग रहेगा। किसी प्रकार की अचानक घटना या अन्य कोई समस्या उत्पन्न होती है कि शक्ति मोबाईल में प्रतिनियुक्त महिला कर्मि इसकी सूचना अविलम्ब संबंधित थाना क्षेत्र के पी०सी०आर० मोबाईल को देगी। प्रत्येक शक्ति मोबाईल वाहन पर 2 महिला कर्मि प्रोपर वर्दी में छोटे हथियार एवं हैंडसेट के साथ प्रतिनियुक्त रहेंगी तथा अपने प्रतिनियुक्त स्थल पर कड़ी निगरानी रखते हुए मुस्तैदी के साथ सिफ्टवार कर्तव्य का निर्वहन करेंगी। प्रतिनियुक्त शक्ति मोबाईल पर संबंधित क्षेत्र के थाना प्रभारी का नियंत्रण रहेगा, परन्तु दर्शाये गये स्थलों पर ही भ्रमणशील रहते हुए शक्ति मोबाईल में प्रतिनियुक्त महिला कर्मि डियूटी का निर्वहन करेंगी। महिला कर्मियों का अवकाश पुलिस केन्द्र, राँची से स्वीकृत किया जायेगा, ताकि उनके स्थान पर प्रतिस्थानी के रूप में दूसरी महिला कर्मियों की प्रतिनियुक्ति उसी समय किया जा सके। यह प्रतिनियुक्ति दिनांक 15.03.16 के पूर्वानह्न से ही प्रभावी होगी। परिचारी प्रवर पुलिस केन्द्र राँची को आदेश दिया जाता है कि शक्ति मोबाईल में प्रतिनियुक्त सभी महिला कर्मियों को पिस्टल/रिवाल्वर से लक्ष्याभ्यास कराना सुनिश्चित करायेगा। इस व्यवस्था के सम्पूर्ण प्रभार में परिचारी मंशु गोप पुलिस केन्द्र, राँची रहेंगे।

शक्ति मोबाईल की प्रतिनियुक्ति निम्नलिखित समयानुसार निम्नलिखित स्थलों पर रहेंगी :-

क्र० सं०	शिक्षण संस्थान का नाम	प्रतिनियुक्त महिला आरक्षी का नाम		संबंधित थाना	संबंधित थाना क्षेत्र में प्रतिनियुक्त टाईगर मोबाईल एवं पी०सी०आर० वैन
		(प्रथम पाली 07.00 बजे से 13.00 बजे तक)	(द्वितीय पाली 13.00 बजे से 19.00 बजे तक)		
1	1.उर्सलाईन कॉन्वेन्ट बालिका उच्च विद्यालय, राँची 2.संत अन्ना बालिका उच्च विद्यालय, राँची 3.राजकीय बालिका बालिका उच्च विद्यालय, बरिघातु राँची 4.संत मार्गरेट बालिका उच्च विद्यालय, राँची 5.बालिका शिक्षा भवन उच्च विद्यालय, राँची 6.छोटानागपुर बालिका उच्च विद्यालय, राँची	1.म०आर०/224 सविना क्षेत्री (9534127960) 2. म०आर०/223 रुबी कुमारी (8809008606)	1. म०आर०/122 प्रभा कछय (9534181135) 2. म०आर०/215 श्रेया कृति (7050143190)	सोअर बाजार	टाईगर-34 आर० 2251 कमलेश कु० सिंह- 8541840013 आर० 2251 रतन कु० खदिदास 9905500494 टाईगर-38 आर० 2122 अमित मराठी-9708047227 आर० 3117 कालीधरण हेमन्त 8294982548 पी०सी०आर०-वैन सं० 6-मो०-9386150669

2	1. बेतसदा बालिका उच्च विद्यालय, रौंघी 2. बेतसदा बालिका मध्य विद्यालय, रौंघी 3. कारमेल बालिका उच्च विद्यालय, रौंघी 4. मिस हिवपन बालिका मध्य विद्यालय, चुटिया रौंघी 5. संत जोसेफ बालिका मध्य विद्यालय, सामलौंग रौंघी-2 6. योगदा संतसंग बालिका मध्य विद्यालय, चुटिया रौंघी	1. म0आ0/835 अनु लाना (9934376825) 2. म0आ0/233 प्रिया गुरुंग (9155115393)	1. म0आ0/134 शशि कुमारी (9709209522) 2. म0आ0/660 महेश्वरी देवी (8271803494)	चुटिया I थाना	टाईगर-05, आ0 1850 आशुतोष कुमार चौध 9006075736 आ0 600 मनीष कुमार दे-8409012303 टाईगर-10, आ0 1666 गणेश सिंह-8409400068 हय0 753 रामप्रवेश सिंह-858200320 पी0सी0आर0-वैन सं0 02-मो0 -8877070155
3	1. डोरण्डा बालिका मध्य विद्यालय, डोरण्डा रौंघी 2. ईसगाईलिया मोनिन बालिका मध्य विद्यालय, डोरण्डा रौंघी 3. डोरण्डा बालिका मध्य विद्यालय, डोरण्डा रौंघी-24 4. श्री डोरण्डा बालिका उच्च विद्यालय, डोरण्डा रौंघी 5. ईसगाईलिया मोनिन बालिका उच्च विद्यालय, डोरण्डा रौंघी 6. निर्मला कॉलेज डोरण्डा, रौंघी	1. म0आ0/111 सरिता टोप्पो (8051001512) 2. म0आ0/247 पप्पी कुमारी (9308170406)	1. म0आ0/838 बबिता ज्योति (9905972425) 2. म0आ0/2048 उषा कुमारी गुप्ता (9122928353)	डोरण्डा का थाना	टाईगर-09, आ0 583 रमेश गाडी 8051190149 आ0 601 बेली सिद्धुरिया 8294867847 टाईगर-10, आ0 1843 शिवधरण किरकु-8809068868 आ0 2849 नेहल किरकु-9801994430 पी0सी0आर0-वैन सं0 15-मो0-7540815606 8986652675
4	1. राजकीय बालिका उच्च विद्यालय, उरु पहाडीदोला रौंघी 2. आदर्श कौनका बालिका मध्य विद्यालय, रौंघी 3. राजकीय अन्नानंद बालिका मध्य विद्यालय, रौंघी	1. म0आ0/593 बीना शर्मा (9430324377) 2. म0आ0/690 संघला रानी बारला (7870233095)	1. म0आ0 1442 रागिनी सिंह (9431955852) 2. म0आ0 60 रीता कुमारी (7870378305)	सुखदे वनगर थाना	टाईगर 47, आ0 3275 रजिता सिंह-9973816345 हय0 81 योगेश्वर राम 8102795195 टाईगर-50, आ0 3025 जवाहर महली 7033401510 आ0 3020 शिवशंकर उरांव-7739822150 पी0सी0आर0-वैन सं0 28-9631341062 8877172868
5	1. संत जोसेफ बालिका मध्य विद्यालय, हुलहुडु रौंघी-2 2. संत जोसेफ बालिका उच्च विद्यालय, हुलहुडु नामकुम रौंघी 3. कस्तुरबा बालिका उच्च विद्यालय, नामकुम रौंघी 4. राजकीय कृत बालिका मध्य विद्यालय टाटीसिल्वे नामकुम, रौंघी	1. म0आ0/133 काजल कुमारी (9102911370) 2. म0आ0/956 गौरी कुमारी (8298706192)	1. म0हव0 779 बचन होले 7070194365 2. म0आ0 672 संध्या मिज 9006759372	नामकु म थाना	पी0सी0आर0-वैन सं0 18-मो0 7870164062 9308879088
	1. विमला कॉलेज, रौंघी 2. महेश्वर प्रसाद महिला कॉलेज,	1. म0आ0/106 कोमल गुरुंग	1. म0आ0 954 उषा कुमारी	टाईगर-28, आ0 3037 रविन्द्र कुमार	

6	<p>सौची 3.होलीवुड स्कूल वीस रोड, सौची</p>	<p>(9578819565) 2. म0आ0 / 232 स्मृति सेन ठाकुरी (8757762658)</p>	<p>2. 149 कविता शेनो 9122540123</p>	<p>लातपु र धाना</p>	<p>7857898185 आ0 3035 विकास कुमार-7488146582 <u>टाईगर-32</u> आ0 1720 राकेश कुमार मरांडी-7061074795 आ0 926 उमेश कुमार-9931622159 पी0सी0आर0-वैन सं0 25, 26 एवं 27 9576242626, 88044242457 7870705152, 8521515577 7549189028, 8969467979</p>
7	<p>1.गुरुनानक पब्लिक स्कूल, सौची 2.भारवाड़ी पब्लिक स्कूल, सौची 3.राईन उर्दु मध्य विद्यालय, सौची 4.राईन उर्दु उच्च विद्यालय, सौची 5.राजकीयकृत बालिका उच्च विद्यालय, हिन्दी पहाड़ी टोला सौची</p>	<p>1. म0आ0 / 112 प्रीति कुसुम एक्का (9534130834) 2. म0आ0 / 36 अनुष्ठा कुमारी (7295903968)</p>	<p>1.म0आ0 / 1613 प्ररणा धीमिरे (8102461895) 2.म0आ0 / 227 पुनम सिंह (9525522808)</p>	<p>हिन्दप दी धाना</p>	<p>पी0सी0आर0-वैन सं0 -02 मो0 88770770155 9693418542</p>
8	<p>1. सरस्वती शिशु विद्या मंदिर धुर्वा, सौची 2. जे0एन0 कॉलेज, धुर्वा, सौची 3. प्रभाता लाल विद्यालय, सौची 4.डी0पी0एल0 स्कूल सेटेलाईट कॉलोनी, सौची 5.केराली पब्लिक स्कूल सेक्टर-2, सौची</p>	<p>1. म0आ0 / 801 सुशमा कुमारी (9798324311) 2. म0आ0 / 618 अनिता एक्का (9431319738)</p>	<p>1.म0आ0 / 480 पवि कुजूर (7856954901) 2.म0आ0 / 66 पुनम बाने (9931130628)</p>	<p>धुर्वा धाना</p>	<p><u>टाईगर-16</u>, आ0 353 पद्मीप बाड़ा-9798221362 आ0 341 मो0 अकनम खान 8102540083 <u>टाईगर-17</u>, आ0 3193 अखिलेश कुमार-9709050150 आ0 2287 संजय कुमार-8864026303 पी0सी0आर0-वैन सं0 04 एवं 13 मो0-9031378604 8294989185, 9431354129 7549005785, 9905585050</p>
9	<p>1.श्री विघनारायण कन्या मध्य विद्यालय, सौची 2. वि0ना0 भारवाड़ी बालिका उच्च विद्यालय, अपर बाजार सौची 3.राजकीयकृत म्युनिसिपल बालिका मध्य विद्यालय, अदार्नद पथ सौची</p>	<p>1. म0आ0 / 119 सुशी गुरुंग (7209667794) 2.म0आ0 372 प्रफुल्ला मिज 9471752082</p>	<p>1.म0आ0 273 बिदिद्या गुरुंग 8102895205 2.म0आ0 370 सुचना किरण कुजूर</p>	<p>कौतम ली धाना</p>	<p><u>टाईगर-22</u>, आ0 687 समुद्र अंसारी-9430349474 आ0 1605 सतीश कु0 ओझा 9431769494 <u>टाईगर-27</u>, आ0 3296 अखिलेश कुमार बर्मा 8797635954 आ0 1457 दिजय मिज-9534093184 पी0सी0आर0-वैन सं0 01-मो0-9031378601 9771614092, 7070620876</p>

10	1. सन्दर्भ एकदमी बरियातु रौंकी 2. डी०ए०सी० नन्दराज पब्लिक स्कूल, बरियातु रौंकी 3. डी०ए०सी० हाईर सेकेंडरी स्कूल बरियातु रौंकी	1. मो०आ०/2856 संध्या खासा (7677507857) 2. मो०आ०/676 पुनम कुंवर (8987486018)	1. मो०आ०/164 गीता देवी खासा (9881047438) 2. मो०आ० 97 मंजू कुमारी टोपनी 7250241472	वरिया तु थाना	टाईगर-03, आ० 1657 निरज तिथारी-0905482688 हव० 817 सुख मुंडा 9546906861 टाईगर-04, हव 481 प्रमोद मंडल-7258827447 हव० 224 जर्नादन मंडल-9279836934 पी०सी०आर०-बैन सं० 09 मो०-9031378609 9955295491, 9263011533
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झापांक 2224 / र०का०

वरिय पुलिस अधीक्षक,
रौंकी ।

वरिय पुलिस अधीक्षक का कार्यालय, रौंकी ।
रौंकी, दिनांक 15/03/2016

- प्रति 01. पुलिस महानिरीक्षक (सं०अप०), अपराध अनुसंधान विभाग, झारखण्ड, रौंकी को उनके प्रसांगिक झापांक के आलोक में कृपया सूचनार्थ प्रेषित ।
2. पुलिस उप-महानिरीक्षक द०छो० क्षेत्र, रौंकी को कृपया सूचनार्थ प्रेषित ।
3. पुलिस अधीक्षक, ग्रामीण/बासायात/नगर को सूचनार्थ प्रेषित ।
4. सहायक पुलिस अधीक्षक, हटिया/कोतवाली को सूचनार्थ प्रेषित ।
5. पुलिस उपाधीक्षक, नगर नियंत्रण कक्ष, रौंकी को सूचनार्थ एवं आवश्यक क्रियार्थ ।
4. परिवारी प्रवर पुलिस केंद्र, रौंकी को सूचनार्थ एवं आवश्यक क्रियार्थ ।
5. सभी संबंधित थाना प्रभारी को सूचनार्थ एवं आवश्यक क्रियार्थ ।
6. सभी महिला कर्मियों को सूचनार्थ एवं आवश्यक क्रियार्थ ।

वरिय पुलिस अधीक्षक,
रौंकी ।

15/3/16

Annexure 4.36

Report of RMC regarding Income of Ranchi
Municipal Corporation for last 3 years

Revenue Receipt From Own Source for the FY-2015-2016

Particulars	April	May	June	July	August	September	October	November	December	January	February	March	Total
User Charges(Health Section)	20500	19000.00	16000	105750.00	352250.00	99900.00	137000.00	71700.00	25350.00	69500.00		279000.00	1195950.00
Septic Tank Clearance Charge	125000	80000	147500	173750	105300	126250	140000	102150	135000	72850	241100	135000	1583900
Supply of Water By Tanker	225500	136400	170000	44300	23700	86300	80100	93000	90400	74050	225300	138800	1387850
Dangerous Trade - 1401100	487900	334000	312500	344600	345600	387200	271700	79120	3640				2566260
Dangerous Trade -Code (1401101)	17000		1800	36000	4600		400						59800
Dangerous Trade - Code - 1401114	2500		2500	2800	5000								12800
Dangerous Trade 1401109	0	12000			4000			6000				2000	22000
Dangerous Trade-1401110	0	11000			2000			2000	2000				19000
Dangerous Trade -1401112													45600
Dangerous Trade - Code - 1401114			5500	8500	18600	9600	1200	2200					1400
Dog Vaccination Fees				4800		1400				5100			9900
Disconnection Fees , WIB	900		1350										2250
Ferrule Clearance Charges- (Health Section)	800	300	300										1400
House Conn for Water Restoration Charges/Trench Cutting	822700	404750	536400										1763850
Late Deposit	100000												100000
Market Section													
Advertisement Tax(Bus Shelters)			225000	1228290	100000						597210	204000	2354500
Advertisement Tax(Neon, Signs, & Shops)						2295	48720	11814				500000	562829
Advertisement Tax(Pvt. Land Holdings)		4522680	478938			394634	12240	923190	43911		8556333	1170400	16102326
Advertisement Tax(Traffic Signals, Police Booths, Umbrellas)	414399							48755					463154
Advertisement Tax(Footpaths, Railing Poles, etc)								18210				1101107	1121842
Rental Income from Nurseries	24045								13000	1000	33241		71286
Sale of Tender Form-Market	3500	2000		15500			55000	3000	35500				114500
Advertisement Tax-Land Hoarding	2798131	1209600	462942	432625		16000	2215446	2775702	2899970	21735	5929761	964276	19724188
Rental from Lease of Lands					12377	171688	1740		344500	220000	124500	182167	1066972
Other Rent	29960	90890		20000								1188974	1329824
Empanelment & Registration Charge							106691						106691
Licensing Fees for Shop	6143848	162835	222173	272931	534342	81553	881107	628522	1550248	1266561		9454250	21198370
Market-1401300				11085					26763	1193232		698187	2225846
Advertisement Fees	548292	800000	300000						100000			200000	1948292

Accounting in S/S
City Manager
Accounts Section
RMC

OFFICE OF THE RANCHI MUNICIPAL CORPORATION, RANCHI

Statement showing receipt of Ranchi Municipal Corporation (From Own Source) during the period April' 14 to March'15 (in Lakhs)

Sl. No.	HEAD	BUDGETARY PROVISION FOR 2014-15	APRIL'14	MAY'14	JUNE'14	JULY'14	AUG'14	SEP'14	OCT'14	NOV'14	DEC'14	JAN'15	FEB'15	MARCH' 15	TOTAL
1	HOLDING TAX	1550.000	33.294	47.162	37.917	64.329	52.869	33.290	0.975	248.144	0.182	0.157	0.205	2.461	520.985
2	CYCLE REG./THELA REG./RICKSHAW REG. TRADE	4.000	0.000	0.000	0.000	0.000	11.383	52.705	88.776	120.359	109.777	136.000	113.500	188.700	821.200
3	REG. FEE FOR DANGEROUS	4.000	3.721	4.732	2.965	3.575	0.521	3.925	1.679	2.061	1.194	2.210	2.038	0.713	29.334
4	WATER BOARD	386.00	37.996	14.818	27.202	15.927	6.497	11.744	8.135	3.395	12.557	46.638	56.850	62.398	304.157
5	LOAN RECOVERY FROM INDIVIDUAL (For Sulav Sauchalaya)	6.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	Suvidha Sulk	1.350	0.632	0.774	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.406
7	Mobile tower sulk	11.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.095	0.175	0.270
8	FROM MUNICIPAL MARKETS	652.860	43.644	64.687	21.222	38.070	66.427	10.018	10.843	7.309	54.616	19.513	1.361	153.504	491.214
9	CONSERVANCY RECEIPT/ SANITATION FEE	20.000	2.390	2.696	1.953	1.740	1.182	1.338	1.575	1.298	1.399	1.449	2.020	7.213	26.253
10	NAKSHA	1228.350	38.780	116.444	85.857	125.154	102.500	89.536	78.305	107.581	143.906	83.797	1.454	3.799	977.113
11	MEDICAL FEE	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	KANI HOUSE / PET DOG REGISTRATION/Reg Fee of meat shop	1.20/1.20/4.2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	MISCELLANEOUS RECEIPT	177.63	0.000	0.000	0.984	0.900	0.681	0.906	0.642	0.765	1.477	0.702	2.741	1.764	11.562
14	WARRANT FEE / FINES/ Reg. of Pet animal	1.3/1.15/0.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	Fee of water supply through water tanker	6.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	ADVANCE AND DEPOSIT	10.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	User Charge for SWM	750.00	22.133	19.215	16.921	15.155	14.433	14.545	11.522	14.061	13.735	12.257	10.921	2.974	167.872
	TOTAL	4832.743	182.590	270.528	195.021	264.850	256.493	218.007	202.452	504.973	338.843	302.723	191.185	423.701	3351.366

अधिका
अधिक

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अपर नगर आयुक्त
रैवी नगर निगम,
रैवी

OFFICE OF THE RANCHI MUNICIPAL CORPORATION, RANCHI

Statement showing receipt of Ranchi Municipal Corporation (From Own Source) during the period April' 13 to March'14 (in Lakhs)

Sl. No.	HEAD	BUDGETARY PROVISION FOR 2013-14	APRIL'13	MAY'13	JUNE'13	JULY'13	AUG'13	SEP'13	OCT'13	NOV'13	DEC'13	JAN'14	FEB'14	MARCH' 14	TOTAL
1	HOLDING TAX	1330.800	33.693	57.678	62.104	73.674	57.953	49.087	31.807	37.806	48.536	40.054	44.412	111.394	648.198
2	CYCLE REG./THELA REG.	0.10/0.01	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	REG. FEE FOR RICKSHAW	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	0.094
4	REG. FEE FOR DANGEROUS TRADE	12.000	1.496	5.760	3.931	3.497	4.080	3.493	2.230	1.109	2.412	1.623	1.654	2.237	33.522
5	WATER BOARD	330.80	81.545	19.493	12.231	10.093	14.571	9.635	7.077	6.657	45.065	13.839	11.581	35.951	267.738
6	LOAN RECOVERY FROM INDIVIDUAL (For Sulav Sauchalava)	6.000	0.000	0.000	0.000	0.118	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.118
7	Suvidha Sulk	-	0.003	0.000	0.296	0.000	0.088	0.000	0.000	0.979	0.000	0.030	0.000	0.000	1.396
8	Mobile tower sulk	36.000	0.000	0.000	0.000	4.500	0.000	0.500	0.005	0.000	5.000	0.085	0.010	0.000	10.100
9	FROM MUNICIPAL MARKET'S	547.830	19.727	27.903	16.389	10.893	12.819	9.903	66.710	13.976	6.171	26.131	10.112	134.290	355.024
10	CONSERVANCY RECEIPT/ SANITATION FEE	15.00/12.00	1.948	4.937	1.659	1.297	0.791	1.376	1.335	0.983	1.472	1.350	1.013	2.642	20.803
11	NAKSHA	720.000	92.620	95.876	87.538	137.369	156.027	155.300	103.942	130.002	134.024	23.988	25.410	120.879	1262.975
12	MEDICAL FEE	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	KANI HOUSE / PET DOG REGISTRATION/Reg Fee of meat shop	1.20/1.20/3.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.082	0.000	0.000	0.082
14	MISCELLANEOUS RECEIPT	20.00	0.718	0.906	1.602	0.776	0.890	1.461	0.625	0.548	1.767	0.649	0.560	0.579	11.081
15	WARRANT FEE / ELECTION Reg. of Pet animal	0.20/1.00/0.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	Fee of water supply through water tanker	5.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	ADVANCE AND DEPOSIT	5.00	0.000	0.000	0.751	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.851
18	User Charge for SWM	600.00	19.921	21.058	19.558	19.493	17.556	17.567	17.686	12.425	0.000	0.000	0.000	0.000	145.264
	TOTAL	3650.252	251.671	233.611	206.059	261.810	264.775	248.322	231.417	204.485	244.447	107.831	94.752	408.066	2757.246

वर्ग
कार्यालय कर्मियों


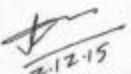
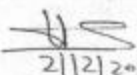
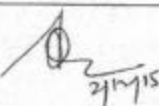

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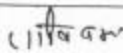

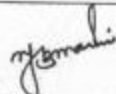
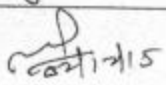

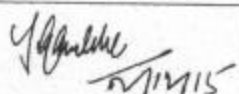
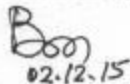
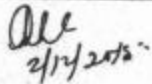
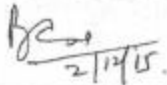


Annexure 4.37

Attendance Sheets for Various Citizen Consultation

Government of Jharkhand
Urban Development & Housing Department
Attendance -Sheet

Attendance of the meeting held on 02-12-2015 for Vision of Smart City Ranchi and identification of lands for Green field Development under the chairmanship of Chief Secretary, Jharkhand.

S.N.	Name of the Officer /Designation	Mobile No./Email	Signature
1.	Chief Secretary, Jharkhand		
2.			
3.			
4.	Arun Kumar Singh Pr. Secy, UDSMD	+91 9431158012	 2/12/15
5.	Udai Pantef Pr. Secy Industries	9312065511	 2/12/2015
6.			
7.	Nidhi Khare, Sec cum Convener, Commercial Tax.	9811062806.	 2/12/15
8.			
9.			
10.			
11.	N. N. Sinha, Pr. Secy, RDD	nagendra-nath-sinha@rediffmail.com	Noto
12.	S. K. Sarafathy- Pr. Secy, Min	Santoshk1958 @ gmail- Com	

S.N.	Name of the Officer /Designation	Mobile No./Email	Signature
13.	Mukhnaet S. Bhatia Asst Secy, Labour	mukhnaet@gmail.com	
14.	Rajeev Arun Gupte Secy. welfare		
15.	Abu Imran, JS, (Home)		
16.	MANOJ KUMAR, DC Ranchi		
17.	Shivjee choudhary SPJ Sec, W&D		
18.	Anandhama Pattnaik Seng., Soc. Ed. & Lit.		
19.	Kamal Kishore Soan Secretary, Revenue, Regn & Land Refn		
20.	B. B. Mangalmeetsi Asst Secy Law	9431102651	
21.	Arijit Ghosh CMD - H&C	9431107896	
22.	B. C. Nigam PCCF.	9431768580	
23.	K. Vidyasagar	9771407778	
24.	Poashant Kumar	9431115814	
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SMART CITY MISION

SMART RANCHI

Attendance sheet for Talk show with Elected Members, at Ranchi Municipal Corporation

Date:-04/12/2015

Total number of participant:

Sl. No.	Name of participants	Designation	Signature
1.	Sri Ram Tahal Chaowdhary	Honorable MP,	
2.	Sri C.P. Singh	Honorable MLA, Ranchi	
3.	Sri Naveen Jaiswal	Honorable MLA, Hatia	
4.	Sri J. C. Ram	Honorable MLA, Kanke	
5.	Sri Kumar Pahan	Honorable MLA, Khijiri	
6.	Sri Amit Mahato	Honorable MLA, Silli	
7.	Sri Raja Ram Mahato	Honorable MLA, Etahardh	
8.	Smt. Asha Lakra	Honorable Mayor, Ranchi	
9.	Sri Sanjiv Vijaywariga	Honorable Mayor, Ranchi	
10.	Sri Prashant Kumar	Municipal Commissioner	
11.	MANJU RANI	Vice President BJP	
12.	Ram Lakshman Gupta	A M C RMC	
13.	Uday Shankar Sahay	T.P.-I - RMC	
14.	H. K. Singh	T.P.-II - RMC	
15.	Suresh Kumar	T.P.-III - RMC	
16.	Uday Kumar	Director EY	
17.	Sudha Kanti	EY	
18.	Chiraya Kumar	Reporter Shreegala	
19.	Kamini Jaiswal	Reporter Sakshin	
20.	Vijay Upadhyay	Reporter NEWS-24	
21.	Sandeep Kumar	Reporter (Kishor News)	
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Smart City Mission











Smart Ranchi

Talk Show with Architect Association and CREDAI for Area Based Development

Attendance -Sheet

Date: 03rd December, 2015

Venue: Hotel Green Horizon, Ranchi

S.N.	Name & Organization	Mobile No./Email	Signature
1.	RUSHIKESH RAIPAT. RAMESHWARAM PROJECTS.	9431115330 raipat@gmail.com	
2.	J. K. Suresh Siddhi Developers (P) Ltd	9431170027 sdplranchi@gmail.com	
3.	Abhinav Kumar, Asst. Daya Shankh Associates	933470 3344 abhinavmody@gmail.com	
4.	S. N. Singh Sethi Propert Ltd	9431115332 sdplranchi@gmail.com	
5.	Chandrasekar Rajat Rameshwaram Projects	9431115362 rajatkr@gmail.com	
6.	Rajesh Mishra Sapphire Dwellings Pvt Ltd	8102050750 sapphire-dwellings@gmail.com	
7.	Rajesh Mishra Sapphire Dwellings Pvt Ltd	9431115330	
8.	AR. ARUN KUMAR Architect	903100790 9234679246 arunraich@gmail.com	
9.	Bijay RA RAHMAN	94311-14478	
10.	Shand Pratap Singh	9934301425	
11.			
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SMART CITY MISION

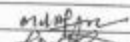

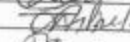
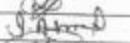
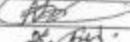
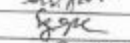
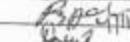
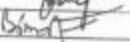



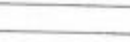
SMART RANCHI

Attendance sheet for Talk show at Bar Association

Date:-04/11/2015

Total number of participant:

Sl. No.	Name of participants	Designation / organization	Signature
1.	Sanjeev Vijaywade	Dep. Mayor	Sanjeev
2.	S. P. Arvind	President pble	S.P. Arvind
3.	Kundan Prakashan	General Secretary R.D.B.A.	Kundan Prakashan
4.	Kale Chandra Sahu	Treas. Secy R.D.B.A.	Kale Chandra Sahu
5.	Binao K. Singh	Joint Secretary (Library)	Binao K. Singh
6.	SATISH KR VERMA	Asst Treasurer	Satish Kr Verma
7.	S. K. Chandra	Advocate, Ex-President, Sec. Secy	S. K. Chandra
8.	Ajay K. Binao	Advocate, Ranchi Bar Assoc	Ajay K. Binao
9.	Rajendra Singh	Advocate, Executive Secretary	Rajendra Singh
10.	PRITAM CHAND	Advocate	Pritam Chand
11.	Yog Rajan Mukherjee	Advocate	Yog Rajan Mukherjee
12.	Pradeep Nath Tiwari	Advocate	Pradeep Nath Tiwari
13.	Amrendra K. Saha	Advocate	Amrendra K. Saha
14.	DILIP KUMAR LAL	Advocate	Dilip Kumar Lal
15.	A. H. Singh	Advocate	A. H. Singh
16.	Dinadayal Singh	Member Ex-Committee	Dinadayal Singh
17.	M. J. Javed Alam	Advocate Practitioner	M. J. Javed Alam
18.	Sushil K. Singh	Advocate	Sushil K. Singh
19.	Kirti Narayan Singh	Advocate	Kirti Narayan Singh
20.	Sanjay K. Singh	Advocate	Sanjay K. Singh
21.	Anil K. Singh	Advocate	Anil K. Singh
22.	Basant Kumar Chandra	Advocate	Basant Kumar Chandra
23.	Sabita Singh	Advocate	Sabita Singh
24.	Om Prakash Kashyap	Advocate	Om Prakash Kashyap
25.	Shree Ram Mishra	Advocate RDBA	Shree Ram Mishra
26.	Indira K. Singh	Advocate	Indira K. Singh
27.	Mr. Salim	Advocate	Mr. Salim
28.	Shamsher Singh	Advocate	Shamsher Singh
29.	RISHIKANT KUMAR	Advocate	Rishikant Kumar
30.	A. K. Mukherjee	Advocate	A. K. Mukherjee
31.	Ram Nath S. Mahla	Advocate	Ram Nath S. Mahla
32.	अशोक कुमार	Advocate	अशोक कुमार
33.	Shashank Kumar Singh	Advocate	Shashank Kumar Singh
34.	अशोक कुमार	Advocate	अशोक कुमार
35.	Sanjay Kumar Ambast	Advocate	Sanjay Kumar Ambast
36.	A. Gopinath	Advocate	A. Gopinath
37.	Pradeep Singh	Advocate	Pradeep Singh

Sl. No.	Name of participants	Designation / organization	Signature
38.	Ms. Arora	Advocate	
39.	Dhanraj Kumar	Advocate	
40.	Rajesh Geshan Upadhyay	Advocate	
41.	Jaydeep Kr. Sibal	Advocate	
42.	Rajendra Kumar	Advocate	
43.	Ishiyague Ahmad	Advocate	
44.	Narinder Kumar	Advocate	
45.	Manoj Kumar	Advocate	
46.	Kavilash Singh	Advocate	
47.	Pradeep Kumar	Advocate	
48.	Dr. Anurag Pandey	Advocate	
49.	Bimal Pramanik	Advocate	
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SMART CITY MISION

SMART RANCHI

Attendance sheet for Talk show with CREDAL At Hotel Green Horizon

Date:-04/11/2015

Total number of participant:

Sl. No.	Name of participants	Designation / organization	Signature
1.	Rizwan Ahmad	MD / Baquich construction	
2.	Alek Sarangi	Director / Lanchwati Builders	
3.	Sunil Sarangi	Director / Sarangi Builders	
4.	Sumeet Agarwal	Director / Estate Builders	
5.	Milan Poddar	Amn Design LLP	
6.	Rajesh Agarwal	M.D. Pranshu Builders Pvt. Ltd.	
7.	Abhinav Kumar	Director / Shankh Architects	
8.	Sunil Kumar	Executive Director / Rishi Construction	
9.	R. N. Jha	Rishi Construction	
10.	S. N. Singh	Executive Director / Sai Associates	
11.	Sudhakar K. Singh	4th. Habitant Construction	
12.	Sunil Kumar	HABITANT CONSTRUCTION	
13.	Alok Ranjan Prasad	Sai Associates	
14.	Sandeep Singh	" "	
15.	Rakesh K.	" "	
16.	Rajesh	St. Roberts / NEWSWING	
17.	Pradip Kumar	Ramesh Kumar Agency	
18.	Sandeep Kumar	Build Offan / Vastu - Home	
19.	S. N. SINGH	G.M. / Vastu - Home	
20.	KUMUD JHA, President	OF IACON CONST. & IND. PLANNING	
21.	Pawan Chandra	Secretary (FSCCI)	
22.	Sandeep Singh	Secretary CREDAL	
23.	Deepak K. Singh	Secretary CREDAL	
24.	Rajesh Kumar	Executive Director / FSCCI	
25.	Arjun Kumar BUDHIA	Executive Director / FSCCI	
26.	Rajesh Kumar	Executive Director / FSCCI	
27.	Gurpreet Singh	Executive Director / FSCCI	
28.	Naveen Hazrat	Executive Director / FSCCI	
29.	NEERAT SAINI	Executive Director / FSCCI	
30.	MUKESH PATEL	Executive Director / FSCCI	
31.	Anil K.	Executive Director / FSCCI	
32.	Nitin Kumar	Executive Director / FSCCI	
33.	Chandrabent Rishi	Executive Director / FSCCI	
34.	Rajesh Kumar	Executive Director / FSCCI	
35.	Gopal Chandra	Executive Director / FSCCI	
36.	Anand GOYAL	Executive Director / FSCCI	
37.	ANCHAL KUMAR	Executive Director / FSCCI	

Sl. No.	Name of the student	Class	Signature
40.	ABSENT		
41.	Anshu Bhardwaj	XI G	Anshu
42.	NUPUR BHARDWAJ	XI G	Nupur
Total present - 33			
" Absent - 09			
Total 42			
Teacher's Signature			
13/10/15			

SMART CITY MISION

SMART RANCHI

Attendance sheet for Talk show with Architect Association at RMC, Ranchi

Date:-06/11/2015

Total number of participant:

Sl. No.	Name of participants	Department/ Class	Signature
1.	T.K. MUKHOM	Architect	[Signature]
2.	M.D. VIRNALE	ARCHITECT ID	[Signature]
3.	Anup K.R. Sinha	ARCHITECT ID	[Signature]
4.	PRADEEP SAMIR EKKA	ARCHITECT	[Signature]
5.	SUJEET BHAGAT	ARCHITECT	[Signature]
6.	Mansi Kumar Singh	Architect	[Signature]
7.	SOURABH SAHIL	ARCHITECT	[Signature]
8.	UMESH LAKHA	Engg.	[Signature]
9.	DEEPAK KUMAR	ARCHITECT	[Signature]
10.	AR. ARUN K.R.	Architect - The Creator.	[Signature]
11.	AR. NIDHI TIBREWAL	ARCHITECT	[Signature]
12.	Bijod oragan	B.R. & MAJ CIVIL	[Signature]
13.	AR. ANIL KUMAR SINGH	M/C ARCHITECT GROUP	[Signature]
14.		MORABADI	[Signature]
15.	ANIT KUMAR MINT	ARCHITECT	[Signature]
16.	RAJ KUMAR	ARCHITECT	[Signature]
17.	Santosh Shekhar	Architect	[Signature]
18.	Anus Ranjan	Architect	[Signature]
19.	GOPIKANT MAHATO	ARCHITECT	[Signature]
20.	RADY CHADDA	ARCHITECT	[Signature]
21.	SHRITA KUDARI	LIC. ENG.	[Signature]
22.	Sandeep Kumar	LIC. ENG.	[Signature]
23.	VIJAY SAHY	LIC. ENGG.	[Signature]
24.	Vijay Sahay	Architect	[Signature]
25.	Ar. V. Varma	Architect	[Signature]
26.	Rashmi Srivastava	Architect	[Signature]
27.	Vijay Kumar	LIC. ENGG.	[Signature]
28.	VIVEK KUMAR	DIPLOMA CIVIL	[Signature]
29.	ANUP KUMAR	ARCHITECT	[Signature]
30.	Santosh Kr. Jaiswal	A. Engineer.	[Signature]
31.	Santosh Kumar Jaiswal	A. Engineer.	[Signature]
32.	ATUL SARAF	Architect (Ananya)	[Signature]
33.	MD. LUQUMAN QAMAR	Civil Diploma	[Signature]
34.	Ar. Anupam Jaiswal	Architect	[Signature]
35.	M. K. A. Singh	Lic. Engr.	[Signature]
36.	M. Pravin Jaiswal	Architect	[Signature]
37.	Mr. Vinay Kumar	Civil Engineer	[Signature]

Sl. No.	Name of participants	Department/ Class	Signature
38.	Akshat Bahl	Architect	Akshat Bahl
39.	RITESH KUMAR	ARCHITECT	Ritesh
40.	Rishi Taneja	Civil Engineer	Rishi Taneja
41.	JAVED EBRAR	Engineer	Javed Ebrar
42.	MD. SAM SAMAN SAR	DIB. Engineer	MD. Saman Sar
43.	SHUBRAJ SHARMA	Civil engineer	Shubraj Sharma
44.	RAJSAI NAWAR	Draftsman	Rajsaai Nawar
45.	Gajananand Ram	Town Planner	Gajananand Ram
46.	Susanta Das	Assistant Engineer	Susanta Das
47.	Rajindranath Gupta	A M C Ranthi	Rajindranath Gupta
48.	Rajendra K. Jha	Consultant Architect / Planner	Rajendra K. Jha
49.	Rajendra K. Jha	Consultant Architect / Planner	Rajendra K. Jha
50.	Rajendra K. Jha	B.Tech - CEST	Rajendra K. Jha
51.	Hongare	Cartographer	Hongare
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SMART CITY MISION

SMART RANCHI

Attendance sheet for Talk show at BIT Mesra, Ranchi

Date:-03/11/2015

Total number of participant:

Sl. No.	Name of participants	Department/ Class	Signature
1.	Dyndeika Sen	ARCHITECTURE	Dyndeika Sen
2.	Swati Pandey	ARCHITECTURE	Swati Pandey
3.	Kaushma Rastogi	Architecture	Kaushma Rastogi
4.	Namrata Ray	Architecture	Namrata Ray
5.	Kumar Ankit	Architecture	Kumar Ankit
6.	Mohini Verma	Civil & Env. Engg.	Mohini Verma
7.	Shikha Pandey	"	Shikha Pandey
8.	P. Lishay	"	P. Lishay
9.	MD. OSAD ALAM	"	MD. OSAD ALAM
10.	NASIM AHMAD SHAIKH	"	NASIM AHMAD SHAIKH
11.	M. P. P. P.	"	M. P. P. P.
12.	P. P. P. P.	"	P. P. P. P.
13.	Mohini Bandyopadhyay	B.Arch.	Mohini Bandyopadhyay
14.	Pratishtha Chandra	Env. Sc. & Engg.	Pratishtha Chandra
15.	Nishant Gaurav	Env. Sc. & Engg.	Nishant Gaurav
16.	Kamakhya Singh	ENV. SC. & Engg.	Kamakhya Singh
17.	Ranabhai	Civil & Env. Engg.	Ranabhai
18.	Deep Shikha Bhatia	Civil & Environmental Sc. & Engg.	Deep Shikha Bhatia
19.	Caron Roy	Architecture	Caron Roy
20.	Sneha Menon	Architecture	Sneha Menon
21.	Sneha Bhattacharyya	Architecture	Sneha Bhattacharyya
22.	Neha Kumari	"	Neha Kumari
23.	Purnali Kurnanar	"	Purnali Kurnanar
24.	Sannath Mukherjee	"	Sannath Mukherjee
25.	Harsh Raj	"	Harsh Raj
26.	Nishtha	"	Nishtha
27.	Om Bhatnagar	"	Om Bhatnagar
28.	Shubhangi Mallick	"	Shubhangi Mallick
29.	Atia Rahman	"	Atia Rahman
30.	Chiranjeev Taneer	"	Chiranjeev Taneer
31.	ANIKET KODAK	"	ANIKET KODAK
32.	DHIRAJ KR. SAHU	"	DHIRAJ KR. SAHU
33.	Anupama Tikey	"	Anupama Tikey
34.	Akshita Hara	"	Akshita Hara
35.	Shashita Karthika	"	Shashita Karthika
36.	Nishi	"	Nishi
37.	Shikha	"	Shikha

Sl. No.	Name of participants	Department/ Class	Signature
85.	Jeet Roy Meena	CIVIL	Jeet Roy
86.	Anush Kumar	CIVIL	Anush
87.	Kumar Chahat	CIVIL	Kumar
88.	Anmol Rawat	CIVIL	Anmol
89.	Chandrasekhar Nalwa	Architecture	Chandrasekhar
90.	Kaushali Banerjee	Architecture	Kaushali
91.	PRABHANGSH SHARMA	Architecture	Prabhansh
92.	SIDDHARTH	CIVIL	Siddharth
93.	AMIT GOLDER	CIVIL	Amit
94.	PRAKASH RAMESH KUMAR ANK	CIVIL	Prakash
95.	Prashant	HUF	Prashant
96.	Siddhant Singh	Civil	Siddhant
97.	APPOORVA JAIN	Civil	Apoorva
98.	ASHISH NARAYAN	Civil	Ashish
99.	Ashu Sharma	Architecture	Ashu
100.	Nayabha Jaiswal	Architecture	Nayabha
101.	Shubhanga Malika	Architecture	Shubhanga
102.	ABHISHEK SAGAR	ARCHITECTURE	Abhishek Sagar
103.	VAISHALI KUMARI	ARCHITECTURE	Vaishali
104.	Deepak Sharma	Civil	Deepak
105.	DEEPAK KUMAR	Civil	Deepak
106.	MD ADIL BEGAM	Civil	Adil
107.	DEEPAK BIKHACHU	Civil	Deepak
108.	Divya	Architecture	Divya
109.	Rashmi Baur	"	Rashmi
110.	Aparna Bagaria	"	Aparna
111.	RITESH RANJAN	MVP (ARCH)	Ritesh
112.	Bijay Sarkar	"	Bijay
113.	Aradhya Kumari	Remote Sensing	Aradhya
114.	Habib Ashraf	"	Habib
115.	Barduzaman Khan	"	Barduzaman
116.	R. Narek Kumar	C.E.E	R. Narek
117.	Sanjay Kumar	C.E.E	Sanjay
118.	Abhishek Kumar	C.E.E	Abhishek
119.	KUNDU JIA (C.E.E)	CREDAI Thakurhand	Kundu
120.	Chandrasekhar Nalwa	FTCE / ISAI / CREDAI	Chandrasekhar
121.	SMRITI MISHRA	ARCH. DEPT.	Smriti
122.	ANUJ KUMAR TOPPO	ARCHI. DEPARTMENT	Anuj
123.	SANGEETA	Dept. of Architecture	Sangeeta
124.	RITU AGRAWAL	DEPT. OF ARCHITECTURE	Ritu
125.	Aradhya Kumar	Civil & Environmental Engg	Aradhya
126.	Dr. M. Chakrabarty	Arch. Dept	Dr. M. Chakrabarty
127.	Prof. Anand Kumar	Civil Engg	Prof. Anand
128.			
129.			
130.			

Sl. No.	Name of participants	Department/ Class	Signature
38.	Shashi Sumran	Architecture	
39.	Gyaneshwar Kumar	structural (civil)	Gyanesh.
40.	ASHROOF GOSWAMI	STRUCTURAL (CIVIL)	As
41.	RAVI KUMAR	SOIL MECHANICS (CIVIL)	Ravi Kumar
42.	NIKOL SETHI	Architecture	Nikol
43.	ADITI THAKUR	Architecture	Aditi
44.	NAVJOT KAUR	ARCHITECTURE	Navjot
45.	Anisha Dahiya	Architecture	Anisha
46.	K. Anwar	Architecture	K. Anwar
47.	Ajit Upadhyay	Architecture	Ajit
48.	Manish Bora	Architecture	Manish
49.	Mounika	Architecture	Mounika
50.	Vallary	Architecture	Vallary
51.	Anshika Sharma	Architecture	Anshika
52.	SAMIN TOPPO	ARCHITECTURE	Samin
53.	SOORAV TOPPO	"	Soorav
54.	TANMAY SIKHA	"	Tanmay
55.	ANJAT SAHRAWAT	"	Anjat
56.	Gaushree Nargia	Architecture	Gaushree
57.	Saharab Kabra	Architecture	Saharab
58.	Bhasiya Rishi	Archit	Bhasiya
59.	Shikhar Shrestha	Architecture	Shikhar
60.	Ashwini Turkey	Architecture	Ashwini
61.	Abhinav Ambay	Civil Engg.	Abhinav Ambay
62.	Sumit Ghosh	Civil Engg.	Sumit Ghosh
63.	Riya Gupta	Civil Engg.	Riya Gupta
64.	Minak Hansda	Civil Engg.	Minak
65.	Raghunath Singh Munda	Civil Engg.	Raghunath
66.	Rishi Kant Mandal	Civil Engg.	Rishi Kant
67.	Ashish Kumar	Civil	Ashish
68.	Ravi Kant	Civil	Ravi Kant
69.	Ashish Kumar	Civil	Ashish
70.	Ashish Kumar	Civil	Ashish
71.	Rajan Kumar	Civil	Rajan
72.	Minak Hansda	Civil	Minak
73.	Raghunath Munda	Civil	Raghunath
74.	Rajiv Rajan	Civil	Rajiv
75.	Jyoti Prakash Satti	Civil	Jyoti
76.	AVINASH BHAGAT	ARCHITECTURE	Avinash
77.	Karthik Yadavalli	Architecture	Karthik
78.	Manjara Dutta	Architecture	Manjara
79.	Chaitanya Ghosh	Architecture	Chaitanya
80.	Ashish Kumar	Architecture	Ashish
81.	Shikhar Anand	Architecture	Shikhar
82.	Jyoti Prakash	Architecture	Jyoti
83.	Anish Kumar	Civil	Anish
84.	ASHU CAUTAN	Civil	Ashu

SMART CITY MISION

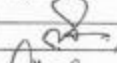

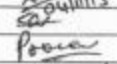
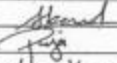
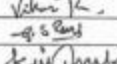
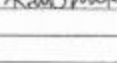
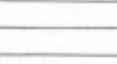

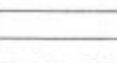
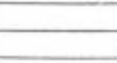
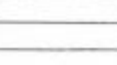
SMART RANCHI

Attendance sheet for Talk show at Chamber of Commerce (Federation of Jharkhand Chamber of Commerce & Industries)

Date:-29/10/2015

Total number of participant: 32

Sl. No.	Name of participants	Designation / organization	Signature
1.	Mrs. Asha Lakra	Mayor, RMC	[Signature]
2.	Mr. Sanjeev vijaiwargai	Dy. Mayor, RMC	[Signature]
3.	Mr. Prashant Kumar	Municipal commissioner, RMC	[Signature]
4.	Vinay Agarwal	Secy + JCCI	[Signature]
5.	Anand Goyal	Jt Secy, FJCCI	[Signature]
6.	Premal Khandel	Greene Concept City	[Signature]
7.	R.D. Singh	E.C. Member	[Signature]
8.	Nishan Agarwal	Chairman Environment	[Signature]
9.	Yash Gokhale	Chairman - Local & Waste	[Signature]
10.	Chandrasekhar Reddy	Chairman - Smart Cities	[Signature]
11.	Pradeep K. Jain	Director - FJCCI	[Signature]
12.	Shashank Sharma	Adm R. Form - FJCCI	[Signature]
13.	Praveen Jain (Chhokar)	Executive committee member FJCCI	[Signature]
14.	Sandeep Saravalli	Member - FJCCI	[Signature]
15.	Dilip Singh	Member - FJCCI	[Signature]
16.	SANJEEV CHAUDHARY	Member - FJCCI	[Signature]
17.	STEFAN EHR	Member - FJCCI	[Signature]
18.	Dr. Ravi Bhatt	Chairman Rly (om F.T.C.I.)	[Signature]
19.	KISHOR KUMAR MATHA	Executive member FJCCI	[Signature]
20.	ARUN KUMAR BUDHIA	Part President FJCCI	[Signature]
21.	G.V.R. Prasad	Consultant Education	[Signature]
22.	Shruthi Singh	Agri Consultant	[Signature]
23.	Pradeep Kumar Singh	working in skill development	[Signature]
24.	Jaduraganna	working in MYCB/CEO	[Signature]
25.	Poonam Choudhary	AVP, Food & Veg	[Signature]
26.	Sudha Khat	Consultant / CY	[Signature]
27.	TULSI PATEL	Vice President Agri	[Signature]
28.	Dr. RAM SINGH	Municipal DPs Ranchi	[Signature]
29.	Runal Girmari	V. President F.T.C.I.	[Signature]
30.	PUSA	T.P.S, RMC	[Signature]
31.	Rishank Kumar	MIS specialist, RMC	[Signature]
32.	Vikas Kumar	S.A.E. RMC	[Signature]
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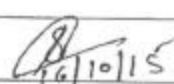

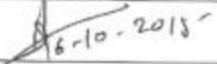


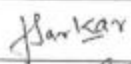
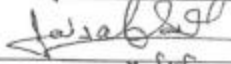

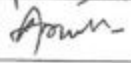
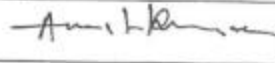

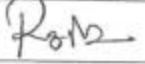




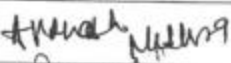
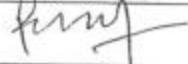



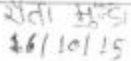
Sl. No.	Name of participants	Designation / organization	Signature
38.	PURSI PATEL	Vice President FICCI	
39.	TANUJA SHARMA	Phoenix Estates Pvt. Ltd.	
40.	Dr. ARUN KUMAR	Vice President, AAS.	
41.	Prashant Kumar	MC RMC	
42.	Silba Kund	AN.P. Exel & Yang	
43.	Rohan Durlani	AVP, Ernst & Young	
44.	Grand Prateep Singh	Associate, Ernst & Young	
45.	Raja	TPS, RMC	
46.	Vikas Kumar	S.A.B.I. RMC	
47.	G.S. Rana	CRM Skills RMC	
48.	Kishore Kumar	MIS, Specialist	
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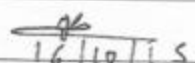

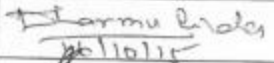
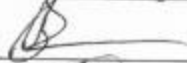

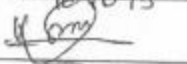

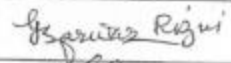
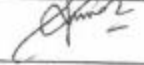

Attendance Sheet Smart City Mission Workshop for Ward Councilor.

Place:- Conference Hall, RMC, Ranchi.

Dated:- 16.10.2015

Sl. No.	Name	Designation	Signature
1.	Mrs. Asha Lakra	Mayor	
2.	Mr. Sanjiv Vijaywargiya	Dy. Mayor	
3.	Mr. Prashant Kumar	Municipal commissioner	
4.	Laxman Prasad	Rise station gachaga Ranchi	
5.	Kundup kr. Pandey	Fireman Driver	
6.	Shiv Shankar Yadav	L.P.M	
7.	Nagendra Prasad	WN-16	
8.	Ujjwal Singh	वस-10-44	
9.	Husna Ara	वस नं 05	
10.	मिना देवी	पार्क 4 वस नं-42	
11.	Basanti Lakra	WN-03	
12.	Kavita Sarda	W-N-49	
13.	Sajda Khatri	W-N-27	
14.	Roshni Khalkho	Ward-81	
15.	Sushmita Devi Rai	ward-41	
16.	Suyata Kachhap	ward-7	
17.	Sakita Kujur	ward NO-38	
18.	पुनम देवी	वस 12	
19.	Kinnari Mangra	ward - 51	
20.	संजिता देवी	वस - 8	

Sl. No.	Name	Designation	Signature
21.	Sunita Tiwary	ward - 01	
22.	SUNITA TIWARY	ward No - 54	
23.	Asha Devi Gupta	Ward No. 19	
24.	PUSPLEET	DAINIK BHASKAR	
25.	RISHABH	Raahgiri day	
26.	Sudeep Sarkar	Sharat Ki Pehchan NGO	
27.	Faisal Fadal	kashish news	
28.	Purnima Tara Surin	CBO UNDP	
29.	Arun Kumar	Ranchi (w. 102)	
30.	Amit Kumar	Reporter (ETV)	
31.	Rajesh Pathak	Reporter Dainik Jagran	
32.	Rashmi Pandey	Prakhat Khabar	
33.	शुभिका शर्मा	FE-3 HAT	
34.	Chandandio Bhattacharya	Tao Za TV	
35.	Rafa Khan	Tao Za TV	
36.	Anila Surin	ITDP, Ranchi	
37.	Anirudh Mishra	ITDP, Ranchi	
38.	Pramod Singh	Norma Ranchi	
39.	अमित कुमार	RAV News	
40.	सुमन देवी	ATS 40	
41.	आशा देवी	वार्ड नं 31	
42.	रिता मंडा	वार्ड नं 45	

Sl. No.	Name	Designation	Signature
43.	Manoj Kumar Singh	District Disaster Management Officer, Ranchi	
44.	Ashok Khalkho	Ward - 6 4109	
45.	Laxman Kachhab	Ward - 50 4189	
46.	Rakesh Kumar	Ward - 39 4195	Rakesh Kumar
47.	Shrawan K. Mahato	Ward - 20	
48.	Kulbhushan Bandyopadhyay	Ward No - 11	
49.	Ajit Oraon	Ward No - 45	
50.	DHARMU LINDA	11 - 55	
51.	Bijay Singh	Post Sad - 14	
52.	Jeromin Pappa	Ward - 15	
53.	Kamul Singh	CBO, Disaster Mgmt. Dept. Govt	
54.	HARVOT GHATE JIM	Ward - 37	
55.	Gulam Saewas Rigri	Ward - 18	
56.	Pradeep Kumar	Ward - 29	
57.	Dileep Kumar	UNDP (CPC)	
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Attendance sheet for Essay Competition

Name of school: DELHI PUBLIC SCHOOL, RANCHI

Date: 13.10.2015

Total number of participant: 33

Sl. No.	Name of the student	Class	Signature
1.	AARANCHA KHE TAN	XI G	[Signature]
2.	ABSENT		
3.	Akhil Das	XI 'G'	Akhil Das
4.	Ashish Chandra	XI G	Ashish Chandra
5.	ABSENT		
6.	AKSHAY KUMAR	XI 'G'	Akshay K.
7.	Amal Kumar	XI 'G'	Amal
8.	Ankit Kumar	XI G	Ankit Kumar
9.	ANKUSH GUPTA	XI 'G'	Ankush
10.	ABSENT		
11.	Arul K. Arivudi	XI G	Arul
12.	ABSENT		
13.	ANANIKA	XI-G	Ananika
14.	DEVESH SHARMA	XI G	Dev 21
15.	DISHA KAR	XI G	Disha K.
16.	ABSENT		
17.	GUNJEET KAUR	XI G	Gunjeet Kaur
18.	ABSENT		
19.	MANDWI BHUSHAN	XI 'G'	Mandwi Bhushan
20.	MANSI	XI G	Mansi
21.	ABSENT		
22.	NIDHI BHATTACHARJEE	XI 'G'	Nidhi
23.	ABSENT		
24.	NESHITH NAYAN	XI G	Neshith
25.	PRERNA SINGH	XI-G	Prerna
26.	RATSHREE	XI 'G'	Ratshree
27.	Ritwik Maheshwari	XI G	Ritwik
28.	SALONI KUMARI	XI G	Saloni K.
29.	Sangar Narayan	XI G	Sangar
30.	Sankalp Srivastava	XI-G	Sankalp
31.	Santosh Shikhan	XI 'G'	Santosh
32.	Sayantan Ganguly	XI 'G'	Sayantan
33.	Shaborn Das	XI G	Shaborn Das
34.	Shahem Jafar	XI-G	Shahem
35.	Shivam Kumar	XI-G	Shivam
36.	Shruti	XI-G	Shruti
37.	Siddhant K. Jaiswal	XI 'G'	Siddhant
38.	Vijay Singh	XI G	Vijay
39.	Yash Raj Singh	XI G	Yash

Sl. No.	Name of the student	Class	Signature
84	MAYANK KISHOR	X'C'	Mayank
85	SHAMEER HASAN	X'D'	Shameer
86	ESHAAN RAY	X'E	Eshaan
87	BHARTSYA BHASKAR	X'D	Bhartsya
88	HARSH SHARMA	X'D'	Harsh
89	YASH KUMAR	X'D'	Yash
90	SHAMBHAVI PANDEY	X'D'	Shambhavi
91	ANKANA LAL	X'C	Ankanalal
92	Anushka Singhal	X'C	Anushka
93	Richa	X'C	Richa
94	Aayushi Samu	X'D	Aayushi
95	Shikha Samu	X'C	Shikha
96	Kiya M. Minz	XI-B	Kiya
97	AYUSHI TANNI	XI-B	Ayushi Tanni
98	ANMOL SINGH	XI-B	Anmol Singh
99	ASMITA	XI-N	Asmita
100	KAVYA TANOOON	XI-J	Kavya
101	ANGEL LAKEN	XI-J	Angel Laken
102	TANWIGER ULHAQUE	XI-J	Tanwiger
103	RAVI KUMAR	XI-J	Ravi
104	ANIMESH KUMAR	XI-J	Animesh Kumar
105	ASHISH KUMAR	XII-P	Ashish Kumar
106	ASHISH K RANJAN SINGH	XII-P	Ashish Kumar
107	ADITYA	XII-K	Aditya
108	YASH RAY	XII-K	Yash Ray
109	ANIMESH	XII-K	Animesh
110	MOINZAMAM	XII-K	Moinzamam
111	AYAN PUSHP	XII-K	Ayan Pushp
112	AMBUJ	XII-K	Ambuj
113	Harsh	X-A	Harsh
114	Aditya	X-C	Aditya
115	Harshit	X-G	Harshit
116	Tanish	X-G	Tanish
117	Madhavan	X-G	Madhavan
118	Aditya Vallabh	X-F	Aditya
119	Akash Anand	X-B	Akash
120	Sourya Srivastava	XI-K	Sourya

104
136

Attendance sheet for Talk show

Name of school: - Jawahar Vidya Mandir, S.H. Jharkhand

Date: - 30/10/15

Total number of participant: - 136

Sl. No.	Name of the student	Class	Signature
1.	Ruchi Raj	XII N	Ruchi Raj
2.	Shivani Shalini	XI K	Shivani
3.	Simran Kumari	XI N	Simran
4.	Shalini Kumari	XI N	Shalini
5.	Dikshya Mallika	XI N	Dikshya
6.	Vishankha Masum	XI N	Vishankha
7.	Bushra Fatima	XI N	Bushra
8.	Jayshree	XI N	Jayshree
9.	Sakshi Singh	XI N	Sakshi
10.	Anushree Sharma	XI N	Anushree
11.	Shonali Kumari	XI N	Shonali
12.	Riya Singh	XI D	Riya Singh
13.	Rubika Sharma	XI C	Rubika
14.	Muska Shrivastava	XI B	Muska
15.	Nazreen Talish	XI N	Nazreen
16.	Aditi Rubal	XI N	Aditi Rubal
17.	Nichita	XI N	Nichita
18.	Samaira Fariaz	XI G	Samaira
19.	Shruti Sethi	XI G	Shruti Sethi
20.	Nandini Ray	XI A	Nandini Ray
21.	Shachi Singh	XI B	Shachi
22.	Waleha Singh	XI B	Waleha
23.	Shreyas	XI B	Shreyas
24.	Ayushi Ayesha	XI D	Ayushi
25.	Vishnuvani Verma	XI B	Vishnuvani
26.	Arijita Basu	XI B	Arijita
27.	Ashita Gupta	XI B	Ashita
28.	Tanya	XI N	Tanya
29.	Priya Kumari	XI N	Priya
30.	Shalini Priya Choudhury	XI K	Shalini
31.	Swadha Panikheri	XI K	Swadha
32.	Dani Kashyap	XI N	Dani
33.	Rajol Mandal	XI N	Rajol Mandal
34.	Soumi Paul	XI N	Soumi Paul
35.	Jannat Rishu	XI N	Jannat Rishu
36.	Shreya Satya Stava	XI B	Shreya
37.	Shweta Kumari	XI B	Shweta
38.	Saloni	XI B	Saloni
39.	Shoma Aa Tinku	XI B	Shoma

<u>NAME</u>	<u>CLASS</u>	<u>SIGNATURE</u>
40. Debarati Chattopadhyay	XI 'B'	<u>Debarati</u>
41. Nikita Kumari	XI 'B'	<u>Nkita</u>
42. FARHREEN PERWEEN	XI 'B'	<u>Fahreen</u>
43. SIMRAN	XI 'B'	<u>Simran</u>
44. Shreya Sen	XI 'B'	<u>Shreya</u>
45. Abhishek Kumar	XI 'B'	<u>Abhishek</u>
46. Shrutam	XI 'B'	<u>Shrutam</u>
47. Pragathi Sinha	XI 'B'	<u>Pragathi</u>
48. Chinmay Anand	XI 'B'	<u>Chinmay</u>
49. Dushi Sinha	XI 'B'	<u>Dushi</u>
50. Kaveri Himanshi	XI 'B'	<u>Kaveri</u>
51. VAISHNAVI DEO	XI 'B'	<u>Vaishnavi</u>
52. Nikita Sumar	XI 'B'	<u>Nikita</u>
53. SIMRAN SETHI	XI 'B'	<u>Simran</u>
54. Anushka Srinestava	XI 'B'	<u>Anushka</u>
55. Amol Kamal	XI 'B'	<u>Amol</u>

Sl. No.	Name of participants	Department/ Class	Signature
37.	चैती देवी		चैती देवी
38.	राजू देवी		राजू देवी
39.	गुनील मुंडा		गुनील मुंडा
40.	राजू देवी		राजू देवी
41.	आरु मुंडा		आरु मुंडा
42.	राजू देवी		राजू देवी
43.	राजू देवी		राजू देवी
44.	राजू देवी		राजू देवी
45.	राजू देवी		राजू देवी
46.	Chand Singh		Chand Singh
47.	राजू देवी		राजू देवी
48.	राजू देवी		राजू देवी
49.	Deepak Turkey		Deepak Turkey
50.	राजू देवी		राजू देवी
51.	राजू देवी		राजू देवी
52.	राजू देवी		राजू देवी
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57.	राजू देवी		राजू देवी
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SMART CITY MISION

SMART RANCHI

Attendance sheet for Talk show with alum Dwellers, at Namkum Basti & Mahua Toli

Date:-10/11/2015

Total number of participant:

Sl. No.	Name of participants	Department/ Class	Signature
1.	Praveen K. Kachhap		Praveen K. Kachhap
2.	Parshu Mishra		
3.	ANIL KUMAR GORE		
4.	...		
5.	...		
6.	Tulsi Kachhap		Tulsi Kachhap
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Attendance sheet for Talk show

Organized by: NGO - Manthan
 Name of school:

Date:

Total number of participant:

Sl. No.	Name of the student	Mobile Number	Signature
1.	Ramendra Chandra Das	17250746618	[Signature]
2.	Sikaram Biset		[Signature]
3.	Shirapramad Chaurvarty	985780774	[Signature]
4.	Mohd Naushad, L.S.S.	993419202	[Signature]
5.	Kedari Prasad	938652589	[Signature]
6.	Manoj Poudyal	767769827	[Signature]
7.	Dr. Gummua Teppo	9546416623	[Signature]
8.	Savi Raj Gupta	983356057	[Signature]
9.	Adil Akhtar	930449937	[Signature]
10.	Rohit Kumar	727707290	[Signature]
11.	Aditya Prakash	709963938	[Signature]
12.	Mohit Yadav	8935990776	[Signature]
13.	Vikash Kumar Jha	7105086492	[Signature]
14.	Sanyadip Ray	9420589261	[Signature]
15.	Ram Burdak Singh Akela	941329593	[Signature]
16.	Ranjay Ka Yadav	815250226	[Signature]
17.	Anish Kumar		
18.	John Joseph Juv		
19.	Abhishek Ranjan	993105832	Abhishek
20.	Renuka Das	93868927	[Signature]
21.	[Signature]		
22.	[Signature]	727712587	[Signature]

Smart City Mission

Smart Ranchi

Attendance Sheet for Talk show with NIBM

Date: - 02/11/2015

Total No of participants:.....

Sl No.	Name of Participants	Designation / Organisation	Signature
1	Vishnu Narayan	Student (NIBM)	Vishnu Narayan
2	Rishikesh Tiwari	Student (NIBM)	Rishikesh Tiwari
3	Seban Kumar	Student (NIBM)	Seban Kumar
4	Sanjeev Kumar	Student (NIBM)	Sanjeev Kumar
5	Tarun Anand	Student (NIBM)	Tarun Anand
6	Vishnu Kumar Ram	Student (NIBM)	Vishnu Kumar Ram
7	Tapan Kumar Kuita	Student (NIBM)	Tapan Kumar Kuita
8	Rajesh Kumar Pal	Student (NIBM)	Rajesh Kumar Pal
9	Ravi Kumar	Student (NIBM)	Ravi Kumar
10	Sanjay Patel	Student (NIBM)	Sanjay Patel
11	Koushik Mahata	Student (NIBM)	Koushik Mahata
12	Binit Kumar Bhargava	Student (NIBM)	Binit Kr
13	Prince Kumar	Student (NIBM)	Prince Kr
14	Akhilendra Kumar	Student (NIBM)	Akhilendra Kumar
15	Prasanth Kumar	Student (NIBM)	Prasanth
16			
17	Piyush Kumar	Student (NIBM)	Piyush Kumar
18	Shashank Kumar	" (N.I.B.M)	Shashank Kumar
19	Biplab Banerjee	" (N.I.B.M)	Biplab
20	Rashan Mahata	" (")	Rashan

46	Kajal Kumari	NIBM Student	Kajal
47	Shreyya	NIBM (Student)	Shreyya
48	Deep Syoti	NIBM (Student)	Deep Syoti
49	Shikha	NIBM (Student)	Shikha
50	Gitanjali	NIBM (Student)	Gitanjali
51	Rami Kuyin	NIBM (Student)	Rami Kuyin
52	Nutan Sinha	NIBM (Student)	Nutan Sinha
53	Pooja Sharma	NIBM (Student)	Pooja Sharma
54	Nikita Kumari	NIBM (Student)	Nikita Kumari
55	Gurlija Kumari	NIBM (Student)	Gurlija Kumari
56	Pranam Kumari	NIBM (Student)	Pranam Kumari
57	Jilly Singh	NIBM (Student)	Jilly Singh
58	Rubina Uzra	NIBM (Student)	Rubina Uzra
59	Dorely Kumari	NIBM (Student)	Dorely
60	Dorri Kumari	NIBM (Student)	Dorri Kumari
61	Anupa	NIBM (Student)	Anupa
62	Ankita Chauhan	NIBM (Student)	Ankita Chauhan
63	Ankita Sinha	NIBM (Student)	Ankita
64	Suman Kumari Singh	NIBM (Student)	Suman, Kumari
65	AVINASHI NISHA GUPTA	STUDENT (NIBM)	Avinashi Nisha Gupta
66	Anita Gupta	Student (NIBM)	Anita Gupta
67	Tapasya Kumari	Student (Finance) NIBM	Tapasya Kumari
68	Gulafshan Farween	Student (Combined) NIBM	Gulafshan Farween
69	Mehnaz Farween	Student (Banking) NIBM	Mehnaz Farween
70	Payal Nishad	Student (Combined) NIBM	Payal Nishad








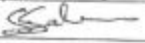

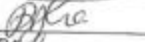




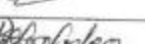
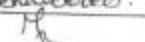

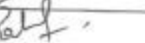
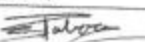



71	Priya Kumari	NIBM Student	Priya
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SMART CITY MISSION

SMART RANCHI

Attendance sheet talk Show at Ranchi Club

Date : 16.10.2015

Sl. No.	Name of participant	Designation /Organization	Signature
1.	Mr. A. K. Singh	Principal Secretary UD & HD	
2.	Mr. Rajesh Kumar Sharma	Director SUDA	
3.	Mr. Prashant Kumar	Municipal commissioner, RMC	
4.	Ms. Asha Laksh	Mayor	
5.	Mr. Sanjay Vikaswari	Dy Mayor	
6.	Saminder S. Saluja		
7.	Kushay Mishra		
8.	Aditi Sharma		
9.	Dr. Abhishek Kumar	994	
10.	Dr. Pankaj Arora	979 - Matarangal	
11.	Vikas Tripathi	9431104702	
12.	Sunil S. Saluja	9334703009	
13.	Rajiv Lochan Thakur	8292000001	
14.	Rajiv Lochan Thakur	9334437059	
15.	Rajiv Lochan Thakur	9431707457	
16.	Abhinav Kumar	9334703344	
17.	R. T. Hiran	9431170143	
18.	Sunil Varma	9334702100	
19.	Tinlochan Saluja	9431100394	
20.	Kushal Chandra	9771439703	
21.	Yashwanth Bhatia	9708039401	
22.	H. V. Jain	997379000	
23.	Rahul Agrawal	9631218999	
24.	Puneet Saboo	9334815151	
25.	R. K. GARGAL	9431174908	
26.	Manish Prasad	9431103735	

Sl. No.	Name of participant	Designation /Organization	Signature
27.	Ranjit Singh	9431706713	Ranjit Singh
28.	Shamshad Singh	9828215121	Shamshad Singh
29.			
30.	Mayur Bhuskhan	9934120206	Mayur Bhuskhan
31.	Rajesh Pangwani	9431115286	Rajesh Pangwani
32.	Kundan Keshavnagar	9934359090	Kundan Keshavnagar
33.	Dhruv Tanya	94311-15672	Dhruv Tanya
34.	MAYANK ARYA	94311-73414	MAYANK ARYA
35.	ANIRUJ BHADIA	9525255555	ANIRUJ BHADIA
36.	Abhimanyu	9711348615	Abhimanyu
37.	Jay	9798232015	Jay
38.	CHAR SHADAB	8181m 9334853484	CHAR SHADAB
39.	JUNIL KUMAR	9708055555	JUNIL KUMAR
40.	AMAR SABOO	9122022554	AMAR SABOO
41.	Himanshu M	9431106229	Himanshu M
42.	Kavita	9931323106	Kavita
43.	NIRAJ C. GARG	9835130968	NIRAJ C. GARG
44.	ANIL KATHUN	9431115537	ANIL KATHUN
45.	Lalit K. Kedia	9431104438	Lalit K. Kedia
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Sl. No.	Name of participant	Designation /Organization	Signature
27.	Rajil Singh	9431706713	Rajil Singh
28.	Chandrababu	9228222100	Chandrababu
29.	Chandrababu	9228222100	Chandrababu
30.	Mayur Bhushan	9934120206	Mayur Bhushan
31.	Rajesh Panigrahi	9431115286	Rajesh Panigrahi
32.	Kanchan Kishore	9934359090	Kanchan Kishore
33.	Dhruv Tanya	94311-15672	Dhruv Tanya
34.	MAYANK ARYA	94311-73414	MAYANK ARYA
35.	ANIRUJ BHUSHAN	9525255555	ANIRUJ BHUSHAN
36.	Abhinav	9711348615	Abhinav
37.	Jun	9798232015	Jun
38.	CYRUS SHADAB	8181m 9334853484	CYRUS SHADAB
39.	JUNIL KUMAR	9708055555	JUNIL KUMAR
40.	AMAR SABOO	9122022554	AMAR SABOO
41.	Himanshu M	9431106229	Himanshu M
42.	Kavita	9931323106	Kavita
43.	NIRAS. C. GARG	9835130968	NIRAS. C. GARG
44.	ANIL KATULA	9431115537	ANIL KATULA
45.	Lalit K. Kedia	9431104433	Lalit K. Kedia
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Sl. No.	Name of participant	Designation /Organization	Signature
27.	Rajil Singh	9431706713	Rajil Singh
28.	Chandrabir Singh	9228222100	Chandrabir Singh
29.	Chandrabir Singh	9228222100	Chandrabir Singh
30.	Mayur Bhushan	9934120206	Mayur Bhushan
31.	Rajesh Panigrahi	9431115286	Rajesh Panigrahi
32.	Kanchan Kishore	9934359090	Kanchan Kishore
33.	Dhruv Tanya	94311-15672	Dhruv Tanya
34.	MAYANK ARYA	94311-73414	MAYANK ARYA
35.	ANIRUJ BHUSHAN	9525255555	ANIRUJ BHUSHAN
36.	Abhinav	9711348615	Abhinav
37.	Jun	9798232015	Jun
38.	CYRUS SHADAB	8181m 9334853484	CYRUS SHADAB
39.	JUNIL KUMAR	9708055555	JUNIL KUMAR
40.	AMAR SABOO	9122022554	AMAR SABOO
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Sl. No.	Name of participants	Designation / organization	Signature
38.	Dobashis Karmakar	DGM, AEC, RDCIS, SAIL	Dobashis
39.	SIDHARTHA SEKHAR DAS	DGM & HOG (CP), RDCIS, SAIL	Sidhartha
40.	T.S. REDDY	DGM & HOG (TE), RDCIS, SAIL	T.S. Reddy
41.	R. C. K. Dharma	DGM (PM), RDCIS, SAIL	R. C. K. Dharma
42.	R. K. JHA	AGM & HOG (LO), RDCIS, SAIL	R. K. Jha
43.	DR. A. K. BHAKAT	DGM & HOG (AEC), RDCIS, SAIL	Dr. A. K. Bhakat
44.	R. K. SINHA	GM (Enfop), SSO, Ranchi	R. K. Sinha
45.	ATUL SAXENA	GM (Products), RDCIS, SAIL	Atul Saxena
46.	P. P. Sengupta	GM (RM), SAIL, RDCIS	P. P. Sengupta
47.	B. K. Jha	E. D. / K. Jha	B. K. Jha
48.	M. K. Basman	GM (PCA)	M. K. Basman
49.	Ashwosh Gupta	GMCC, ELC	Ashwosh Gupta
50.	Jagdish Arora	ACVD (SAIL UNITE RANCHI)	Jagdish Arora
51.	I. P. Banerjee	AGM, RDCIS	I. P. Banerjee
52.	Anup Tewari	AGM, RDCIS	Anup Tewari
53.	S. K. Mohapatra	DGM, RDCIS	S. K. Mohapatra
54.	K. San Gupta	DGM, SSO	K. San Gupta
55.	Vikas Kumar	S.D. In-charge NULM (Cen)	Vikas Kumar
56.	TUSA	TPS, RMC	TUSA
57.	GANURAV SINGH RANA	eng Mission Manager - RMC	GANURAV SINGH RANA
58.	Sumit Prakash Singh	Associate, E&T, SMART RANCHI	Sumit Prakash Singh
59.	Premang Bhattacharya	AVP, EY	Premang Bhattacharya
60.	Sudhakar Kumar	II	Sudhakar Kumar
61.			
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SMART CITY MISION





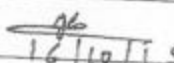

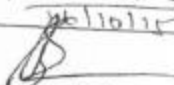





SMART RANCHI

Attendance sheet for Talk show with ~~MEDCON~~ ^{SAIL} At ~~MEDCON~~ ^{SAIL}

Date:-09/11/2015

Total number of participant:

Sl. No.	Name of participants	Designation / organization	Signature
1.	S SRIKANTH	AGM/RDCIS(SAIL)	S Srikanth
2.	S.MITRA MAZUMDER	AGM(Fin)/RDCIS(SAIL)	S Mitra
3.	P. K. PAIKAT	DM RDCIS/SAIL	P K Paikat
4.	Rajeev K. Singh	DM RDCIS	Rajeev K Singh
5.	Rajeev Ranjan Kumar	Asst. Mgr, SAIL, RDCIS	Rajeev Ranjan Kumar
6.	SHRIPRAKASH SUDHIR	A.M. SAIL, RDCIS	Shripakash Sudhir
7.	SUDIP ACHARYA	AM, ME, RDCIS, SAIL	Sudip Acharya
8.	R. S. KUMAR	Asst. General Mgr (AAPC), RDCIS	R S Kumar
9.	Dr. B. K. SATHI	AM, RDCIS, SAIL	Dr B K Sathi
10.	S. K. Thakur	mgr (PR), RDCIS	S K Thakur
11.	P. KUMAR	DGM & HOD (EC)	P Kumar
12.	S. Prasad	DGM (EC)	S Prasad
13.	A. K. Gupta	AGM, RDCIS	A K Gupta
14.	K. K. Singh	AGM, RDCIS	K K Singh
15.	Manoj K. Singh	Sr. Mgr (CIS) CET/SAIL	Manoj K Singh
16.	Sushant Pathak	AGM (PR), RDCIS, SAIL	Sushant Pathak
17.	K. Satish Chandra	AM/CIS/CET/SAIL	K Satish Chandra
18.	Siddhanta S. Biswal	MA/CIS/CET/SAIL	Siddhanta S Biswal
19.	Ajay Singh Raut	MTI/CIS/CET-SAIL	Ajay Singh Raut
20.	Prashant Kumar	Asst. SSO, SAIL	Prashant Kumar
21.	Prashant Kumar	DGM, MTI, SAIL	Prashant Kumar
22.	Prashant Kumar	DM (Mgmt) MTI-SAIL	Prashant Kumar
23.	Prashant Kumar	DGM & HOD C&C	Prashant Kumar
24.	Prashant Kumar	AGM (PC)	Prashant Kumar
25.	Prashant Kumar	MTI	Prashant Kumar
26.	R. K. Singh	DGM	R K Singh
27.	M. Chandra	DGM RDCIS	M Chandra
28.	BISHNU KUMAR DAS	Senior Manager RDCIS, SAIL	Bishnu Kumar Das
29.	V. K. Jha	Sr. Mgr, RDCIS, SAIL	V K Jha
30.	DR. GOLAP MO. CHANDURY	MTI, RDCIS, SAIL	Dr Golap Mo Chandury
31.	P. K. Jha	DM, RDCIS, SAIL	P K Jha
32.	R. C. Pathak	AGM (PR), RDCIS, SAIL	R C Pathak
33.	G. K.	DGM (MTI), RDCIS, SAIL	G K
34.	P. K. Mohan	AGM (CIS), RDCIS, SAIL	P K Mohan
35.	J. K. Singh	DM (MTI) HOD, SR RDCIS, SAIL	J K Singh
36.	Prashant Kumar	AGM & HOD (CIS) SAIL	Prashant Kumar
37.	P. N. Prasad	DGM & HOD (CIS)	P N Prasad

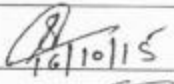

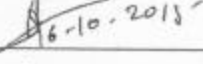

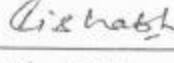
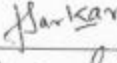
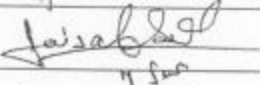
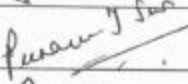
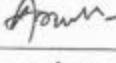
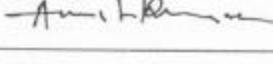
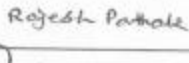
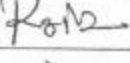

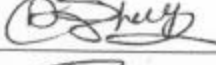

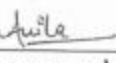
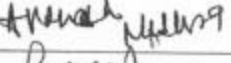
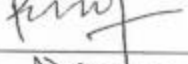

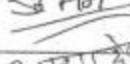
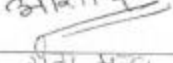
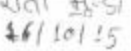
Sl. No.	Name	Designation	Signature
43.	Manoj Kumar Singh	District Disaster Management Officer, Ranchi	
44.	Ashok Khalkho	Ward - 6 4106	
45.	Laxman Kachhab	Ward - 50 4106	
46.	Ramesh Kumar	Ward - 39 4106	RAMESH KUMAR
47.	Shrawan Kumar Mahato	Ward - 20	
48.	Kulbhushan Singh	Ward No - 11	
49.	Ajij Oraan	Ward No - 45	
50.	DHARMU LINDA	11 - 55	Dharmu Linda
51.	Bijoy Singh	Parbad - 14	
52.	Jermin Toppo	Ward - 15	
53.	Kamul Singh	CBO, Disaster Mgmt. Dept. - 603	
54.	Harjit Singh	Ward - 37	
55.	Gulam Saewaz Rigri	Ward - 18	Gulam Saewaz Rigri
56.	Pradeep Kumar	Ward - 29	
57.	Dileep Kumar	UNDP (CPC)	
58.			
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Attendance Sheet Smart City Mission Workshop for Ward Councilor.

Place:- Conference Hall, RMC, Ranchi.

Dated:- 16.10.2015

Sl. No.	Name	Designation	Signature
1.	Mrs. Asha Lakra	Mayor	
2.	Mr. Sanjiv Vijaywargiya	Dy. Mayor	
3.	Mr. Prashant Kumar	Municipal commissioner	
4.	Laxman Prasad	Rise station gachaga, Doranda Ranchi	26/10
5.	Kundup K. Pandey	Fireman Driver	Handy
6.	Shiv Shankar Yadav	L.P.M	18/10
7.	Nabin Prasad	W.N. 16	H. Prasad 12-10-15
8.	उमिता मीरा	वार्ड - 44	16/10/15
9.	Husna Ara	वार्ड नो 05	Husna 16-10-2015
10.	फिराज मेहता	वार्ड नो 42	16/10/15
11.	Basanti Lakra	W.N. - 03	16/10/15
12.	Kavita Sarda	W.N. - 49	16/10/15
13.	Sajda Khattar	W.N. 27	16/10/15
14.	Roshni Khattar	ward - 28	Roshni
15.	Sushita Puri	ward - 41	16/10/15
16.	Suyata Khatkar	ward - 7	16.10.15
17.	Sakita Kujur	Word no-38	SK
18.	पुनम देवी	वार्ड 12	पुनम देवी
19.	Kumar Mangesh	ward - 51	Km 16/10/15
20.	संजिता देवी	वार्ड - 8	संजिता देवी 16/10/15

Sl. No.	Name	Designation	Signature
21.	Sunita Tiwary	ward - 01	
22.	Shobita LINDA	ward No - 54	
23.	Asha Devi Gupta	ward No. 19	
24.	PUSPLEET	DAINIK BHASKAR	
25.	RISHABH	Raahgiri day	
26.	Sudeep Sarkar	Bharat Ki Pehchan NGO	
27.	Faisal Fadel	kashish news	
28.	Purnima Tara Surin	CBO UNDP	
29.	Arun Kumar	Ranchi (w. 2)	
30.	Amit Kumar	Reporter (ETV)	
31.	Rajesh Pathak	Reporter Dainik Jagran	
32.	Rashmi Pandey	Prakhat klubor	
33.	शशि 21/2/21	TE-3THIT	
34.	Chandande Bhattacharya	Taa La TV	
35.	Raja Khan	Taa La TV	
36.	ANILA SURIN	ITDP, Ranchi	
37.	Arinash Mishra	ITDP, Ranchi	
38.	Pamraj Singh	Norm Ranchi,	
39.	अमित कुमार	RAV News	
40.	अमर देवी	NTS 40	
41.	अमरा देवी	वाड नं 31	
42.	रीता मुंदा	वाड नं 48	

Annexure 4.38

Brochures used for Citizen Consultation

Ranchi



...A Smart city in making



Ranchi Municipal
Corporation



Smart City Mission

Smart City Mission - Background

Ministry of Urban Development on behalf of Government of India has initiated the 'SMART City Mission' in 2015. The Mission objective is to promote cities that provide core infrastructure and give a good quality of life to its citizens, a clean and sustainable environment through the application of 'Smart' Solutions. It is meant to set examples that can be replicated both within and outside the Smart City, catalyzing the creation of similar Smart Cities in various regions and parts of the country

The Mission will cover 100 cities and its duration will be five years (FY2015-16 to FY2019-20). It may be continued thereafter in the light of an evaluation to be done by the Ministry of Urban Development (MoUD) and incorporating the learnings into the Mission.

For more information, please visit the website:
<http://smartcities.gov.in>

Contact us:

Ranchi Municipal Corporation

Kutchary, Ranchi – 834001

Phone No.: 0651-2211215

www.facebook.com/smartranchi

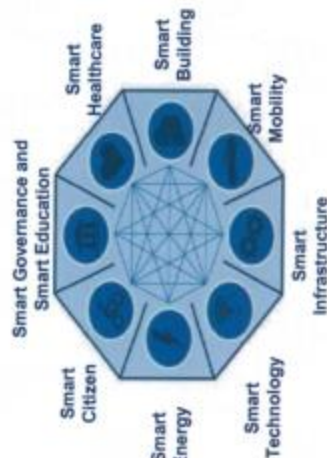
www.twitter.com/smartranchi

smartranchi@ranchimunicipal.com

www.smartranchi.blogspot.com

What is a 'SMART City'?

City that can provide efficient infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions



SMART CITY CONCEPT

Smart City features:

- ✓ Promote mixed land use in area-based developments
- ✓ Housing and inclusiveness
- ✓ Creating walkable localities
- ✓ Preserving and developing open spaces
- ✓ Promoting a variety of transport options
- ✓ Making governance citizen-friendly and cost effective
- ✓ Giving an identity to the city
- ✓ Applying Smart Solutions to infrastructure and services

'Smart City Mission' Strategy

Implementation of:

- 1 Pan-city initiative in which at least one smart solution is applied city-wide: i.e. use of technology for municipal services for better delivery of services



2 Step-by-step Area Development:

- Holistic development of existing and new areas – Retrofitting, Redevelopment and Greenfield
- Quality of life in areas meets citizen expectations through:
 - Planned mixed land use; Housing (esp. for poor); Walkable localities; Preservation and development of open space; Public transport (last mile connectivity), Citizen friendly and cost effective Governance

Citizen Consultation

Citizens are invited to share their opinion and suggestions to:

- o Identify issues/ needs, aspirations and priorities; cost effective innovations
- o Solutions for basic services and area based developments
- o List out priorities and solutions
- o Conceptualize to define City 'smartness' and develop the Smart City Vision

Outcome of the citizen consultation:



- o Conceptualization of city vision - a picture of future of the city.



- o Identify smart solution to be implemented across the city



- o Suggestions on the area (Ward/ Colony) for the holistic development

Share your ideas and views on:

www.facebook.com/smartranchi
www.twitter.com/smartranchi
smartranchi@ranchimunicipal.com
www.smartranchi.blogspot.com

RANCHI

... on a journey towards 'Smart City'



**Jharkhand
Government**



**Ranchi Municipal
Corporation**



**Smart
Ranchi**



Advantage Ranchi

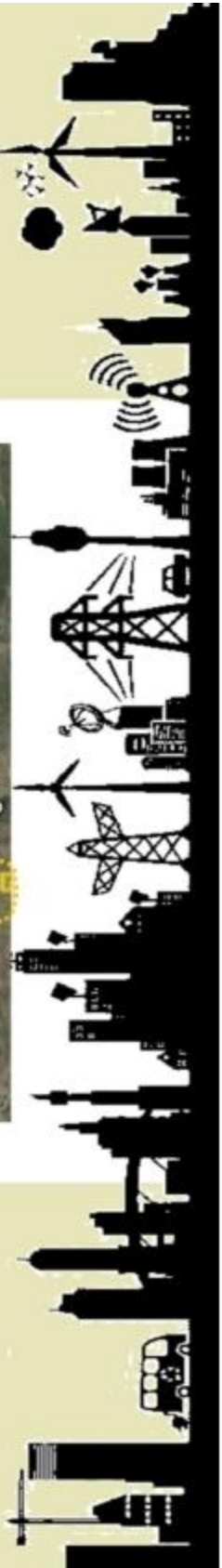
- ❑ Ranchi is **Administrative headquarter** of Jharkhand, the third best State in country for "Ease of Doing Business" as per World Bank index
- ❑ Jharkhand has a 10.5% GDP, the **second fastest growth rate** in Eastern India, that positions Ranchi on a growth trajectory
- ❑ One of the best **connected** cities in Jharkhand
- ❑ Is home to **renowned educational** such as Loreto Convent, JK Sapphire, DAV, St Xavier's, IIM and BITS Mesra to name a few, attracting students from across Jharkhand and parts of other neighboring States
- ❑ Some of the prominent **R&D institutes** in and around Ranchi are Steel Authority of India Limited, TATA steel, Central Mine Planning and Design Institute, Metallurgical & Engineering Consultants Limited and National Metallurgical Laboratory,

'Site in context of the city'



'Site strengths'

- ❑ 341 acres **Encumbrance free contiguous land** parcel available at less than market price within city limits
- ❑ Site is ~5 km from city centre and is in close proximity to proposed capital complex & existing Administrative Headquarter of the State
- ❑ Proximity to Hatia railway Station (~0.5 km) and Birsa Munda Airport (~2 km)
- ❑ Good connectivity with two major highways at site's periphery
- ❑ Surrounded by residential , industrial and institutional land use
- ❑ Monorail corridor, Transit Oriented hub are proposed to be developed adjacent to the site
- ❑ **Transit Oriented Development** and **Mix Land-Use** governs the development of the site
- ❑ **FSI upto 4** and 35% ground coverage along the main corridor ensures compact development



'Smart Knowledge hub' – Site development



Monorail alignment close to site



Riverfront development



Cycle tracks and pedestrian zone on all roads



Smart Building

Water Harvesting Orientation Optimization Renewable Energy



High Efficient ACMV



Photo & Motion Sensor



Regenerative Lift



Smart Classrooms



Digital Library



Images for reference only. Sources: Online

Come

...Join us in our journey



**Jharkhand
Government**

Ranchi Municipal Corporation

Smart
Ranchi

Contact us:

Ranchi Municipal Corporation

Kutchary, Ranchi – 834001

Phone No.: 0651-2211215

ceo@ranchimunicipal.com

support@ranchimunicipal.com



Annexure 4.39

Questionnaire Format used for Citizen Consultation



SMART RANCHI MISSION

Feedback form-I A (for 11- 17 years)



SWOT Analysis for Ranchi Smart City Vision

Strength	Weakness
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.

Opportunity	Threat
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.

Vision :-

.....
.....

Name:-.....Class :-.....Roll no:-.....

Date:- Signature:-.....



SMART RANCHI MISSION

Feedback form-I B (for 18 & above)



SWOT Analysis for Ranchi Smart City Vision

Strength	Weakness
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.

Opportunity	Threat
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.
✓.	✓.

Vision :-

.....
.....

Name:-.....Class :-.....Roll no:-.....

Date:-.....Signature:-.....



SMART CITY MISSION

Smart Ranchi

(Feedback form -II)



(Please tick mark on only one option)

1) What is the biggest problem of Ranchi City, In your opinion?

- | | |
|---|---|
| <input type="checkbox"/> Water Supply | <input type="checkbox"/> Parking Problem |
| <input type="checkbox"/> Solid Waste Management | <input type="checkbox"/> Traffic congestion |
| <input type="checkbox"/> Sewerage and Drainage | <input type="checkbox"/> Others |

2) In your opinion, what will be smart solution to develop Ranchi as Smart City in your opinion?

- | | |
|--|--|
| <input type="checkbox"/> 24x7 Water Supply | <input type="checkbox"/> Solid Waste Management |
| <input type="checkbox"/> Sewerage and Drainage | <input type="checkbox"/> Public Grievance Redressal System |
| <input type="checkbox"/> e-Governance | <input type="checkbox"/> Others |
| <input type="checkbox"/> Efficient Public Transportation | |

3) What you visualize Ranchi city in coming 20 year?

- | | |
|--|--|
| <input type="checkbox"/> Eco Tourism Hub | <input type="checkbox"/> Educational Hub |
| <input type="checkbox"/> IT Hub | <input type="checkbox"/> Sports Hub |
| <input type="checkbox"/> Food Processing Hub | <input type="checkbox"/> Others |

Name: - _____

Mobile:- _____

Signature/Date:- _____



SMART CITY MISSION

स्मार्ट रॉची



प्रतिक्रियात्मक फॉर्म -II

(कृपया एक ही समाधान में टीक (✓) करें)

(1) आपके विचार में रॉची शहर की सबसे बड़ी समस्या क्या है?

- | | |
|--|---|
| <input type="checkbox"/> जलापूर्ति | <input type="checkbox"/> पार्किंग की समस्या |
| <input type="checkbox"/> ठोस अपशिष्ट प्रबंधन | <input type="checkbox"/> सड़क जाम की समस्या |
| <input type="checkbox"/> सिवरेज एवं ड्रेनेज | <input type="checkbox"/> अन्य |

(2) आपके विचार में रॉची शहर को स्मार्ट सिटी के रूप में विकसित करने हेतु निम्नलिखित में से किस स्मार्ट समाधान की सर्वाधिक आवश्यकता है?

- | | |
|--|---|
| <input type="checkbox"/> 24 x 7 जलापूर्ति | <input type="checkbox"/> ठोस अपशिष्ट प्रबंधन |
| <input type="checkbox"/> सिवरेज एवं ड्रेनेज | <input type="checkbox"/> जन शिकायत समाधान प्रणाली |
| <input type="checkbox"/> ई0-प्रशासन | <input type="checkbox"/> अन्य |
| <input type="checkbox"/> कुशल सार्वजनिक परिवहन | |

(3) आप अपने शहर को आने वाले 20 वर्षों में किस रूप में देखना चाहेंगे।

- | | |
|--|---|
| <input type="checkbox"/> पारिस्थितिकी पर्यटन केन्द्र | <input type="checkbox"/> शैक्षणिक केन्द्र |
| <input type="checkbox"/> आई0 टी0 केन्द्र | <input type="checkbox"/> खेल-कूद का केन्द्र |
| <input type="checkbox"/> खाद्य प्रसंस्करण केन्द्र | <input type="checkbox"/> अन्य |

नाम: - _____

मोबाईल नं0:- _____

हस्ताक्षर/दिनांक:- _____



SMART CITY MISSION

स्मार्ट रॉयटी



Area Based Development

Select the area for development under Smart City Project?

- ☐ Harmu Housing Colony - Retrofitting
- ☐ Bariatu Housing Colony - Retrofitting
- ☐ Morabadi Housing Colony - Retrofitting
- ☐ Heavy Engineering Corporation (HEC) - Greenfield

(Please tick mark on only one option)

Name/नाम :- _____

Address / पता :- _____

Mobile/मोबाईल नं०:- _____

Signature with Date (हस्ताक्षर/दिनांक) :- _____



SMART CITY MISSION

स्मार्ट सँची



1. Suggestion / Proposal regarding Smart City Land use Distribution (for 341 Acre Area)

Knowledge Hub	144	42%	
Residential	48	14%	
Commercial	12	4%	
Mixed use	35	10%	
Open & Green	51	15%	
Circulation	51	15%	
Total	341	100%	

2. Suggestion /Proposal regarding Knowledge Hub Land use Distribution(for 144 Acre Area)

Skill Development Park	45	31%	
IT Park/ R&D center	25	17%	
Health Care Training & Research	25	17%	
Technical & Management Institutes	44	31%	
School	5	3%	
Total	144	100%	

3. Suggestion / Proposal regarding Residential Area Distribution (for 48 Acre Area)

EWS/LIG	5	10%	
MIG	15	31%	
HIG	8	17%	
Hostels	20	42%	
Total	48	100%	

4. Suggestion / Proposal regarding Commercial Area Distribution (for 12 Acre Area)

Mall	6	50%	
commercial offices	4	33%	
Bank/ Post Office	2	17%	
Total	12	100%	

5. Suggestion / Proposal regarding Mixed use Distribution (for 35 Acre Area)

Hospitality	8	23%	
Recreational	7	20%	
Govt. Offices	10	29%	
Convention Center	10	29%	
Total	35	100%	

Name/नाम :- _____

Mobile/मोबाईल नं०:- _____

Signature with Date (हस्ताक्षर / दिनांक) :- _____