

"Mangaluru-The Coastal Confluence where Nature and Opportunity meet"



MANGALURU
SMART CITY | Way to go.. Way to Grow...



MANGALURU SMART CITY

Way to Go...Way to Grow...



Mangaluru, is the chief port city of the Indian state of Karnataka. Mangaluru is the largest city and administrative headquarters of the Dakshina Kannada district, and is one of the most multicultural non-metro cities of India. It is also the largest city in the Coastal and Malnad regions of Karnataka, besides being a commercial, industrial, educational and healthcare hub on the West Coast of India. This port city has the second largest airport in Karnataka.

As per the Southern Asia: Quality of Life Index 2017, Mangaluru city having the highest Quality of life index among South Asian cities.

CITY PROFILE



POPULATION
5.0 Lakhs



POPULATION DENSITY
38 PPHA



HOUSEHOLDS
1,12,444



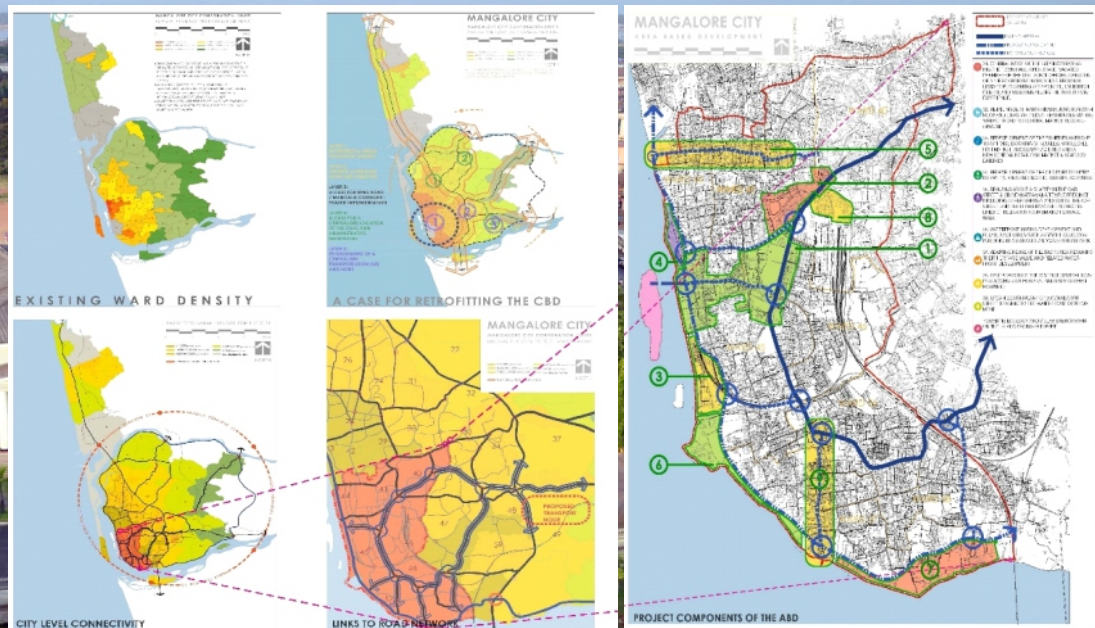
AREA
132.4 Sq.Km



NO.OF WARDS
60 Nos



HDI
0.83



Area Based Development Area (ABD) : 6.5 Sq. Km

ACHEIVEMENTS



India's best city in solid waste management' award under the categories of cities having a population between three lakh and 10 lakh under Swachh Survekshan 2018

Mangalore is ranked 1st in South Asia and 19th in the world in "Quality of Life Index" Compiled by M/s NUMBEO a cloud sourced data base.

Ministry of Urban Development across 75 cities, including 53 with a population of more than one million and State capitals, declared Mangaluru as an ODF city in the sub-5 lakh population category.

Mangalore was ranked India's 13th and Karnataka's second most favourable destination for business by Global Initiative for Restructuring Environment and Management (GIREM) and real estate consultancy firm DTZ.

EPC PROJECTS



SMART ROADS



One of the major vision of Mangaluru smart city is to increase the accessibility and walkability within the city by providing smart roads which are Pedestrian friendly, with well designed junctions, equipped with Smart Devices and Utility Ducts .

Total Length of proposed Smart Road is 24 Km.

Total project cost : Rs 234.52 Crores. (6 packages)

SMART BUS SHELTER



It is proposed to provide Smart bus shelters in the main commuting roads in the city .

The smart bus shelters include interactive display, real time transit data display, CCTV Surveillance, Wi-Fi Hotspots, Mobile charging points, space for advertisement and E-toilets in the important commuting points .

Total project cost : Rs 5.00 Crores.

100% UGD IN ABD AREA



The project is envisaged to provide 100% Under Ground Drainage coverage in ABD area . The project includes replacement of old lateral lines, placing new lateral lines and Manholes in the 8 wards of ABD area .

Total proposed length of UGD proposed is 38 Km, Total number of Manholes are 1466 and Total number of Household connections are 4534.

Total project cost : Rs 42.5 Crores. (4 packages)

WATERFRONT DEVELOPMENT



The ABD area has a waterfront of length 5.4 km from Nethravathi Bridge up to Car Street.

The project intends to develop waterfront as an active recreational and commercial area with waterfront gardens, parks, pedestrian-friendly walkways, bicycle track, board walks, nature park, adventure sports etc.

Overall vision also aims to create a working waterfront with modernizing the existing fishing harbor and retrofitting the old port area with tourism activities.

Total project cost : Rs 150.00 Crores.

CONCEPT PLAN FOR THE PILOT STRETCH OF 2.00 km



EPC PROJECTS



REDEVELOPMENT OF OLD BUS STAND



The project aims to redevelop the existing city bus stand near SBI Junction as an intra-city bus stand. The current intercity bus operations will be moved to the proposed integrated transport hub.

It is proposed to develop a bus terminal with 30 number of bus bays, basic amenities for the passengers and commercial area with active public space.

Total Project Cost : Rs 25.00 Crores.

CONSTRUCTION OF CLOCK TOWER



Clock Tower junction was one of the important landmarks of the city. The 45 ft. tall clock tower was demolished in 1994 for road widening.

The project proposed to reinstate the iconic clock tower of Mangaluru. The proposed clock tower is 23.22 m (76 ft.) tall with clocks of 2m diameter on all four sides.

Total Project Cost : Rs 0.75 Crores.

SWIMMING POOL COMPLEX



It is proposed to develop an Olympic size swimming pool along with community level facilities at Yemmekere ground, Mangaluru which can host international swimming competitions.

The proposal includes a swimming pool complex with all amenities, development of existing cricket ground to international standards. The complex also includes parking space for 50 cars.

Total Project Cost : 24.94 Crores.

EPC PROJECTS

WENLOCK HOSPITAL UPGRADATION



It is proposed to upgrade historic hospital to retain architectural character and achieve state of the art health care standards .

The project envisaged to develop the entire campus of hospital with better access and connectivity, 30 bedded new ICU and Hospital complex with 12 modular OT and 100 bedded post operative ward .

Total Project Cost : Rs 45 Crores.

RETROFITTING OF CAR STREET



Car street is an important heritage landmark and well known activity street of the city . The street is having 13 temples and heritage buildings .

The Car Street is proposed to be developed as a pedestrian friendly street with improved pedestrian facilities, public spaces and landscaping integrating Temples and other religious centers in the vicinity .

Total Project Cost : Rs 14.59 Crores.

SKILL DEVELOPMENT CENTER



The project aims to provide the state of art training facilities which will result in enhanced employment opportunities for the locals in industry as well as outside ventures with standardized certification process .

The project will be implemented with College of Fisheries, Yekur. The project includes construction of a Skill Development Building and providing cost for running proposed courses for first 2 years.

Total Project Cost : Rs 4.75 Crores.

EPC PROJECTS



DEVELOPMENT OF KADRI PARK

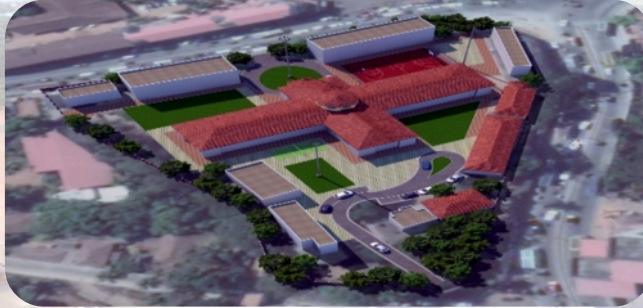


It is proposed to merge the existing Kadri park road situated between Kadri park and Kadri park 2 (old deer park) as a non-vehicular pedestrian space . The area will be equipped with all required facilities of leisure, user amenities and commercial space .

Total length of the road is 779 m and proposed area of development is 6.28 acres (25,433 Sq.m)

Total Project Cost : Rs 12.00 Crores.

IMPLEMENTATION OF E-SMART SCHOOL



The project aims to retrofit the government schools with better infrastructure and ICT solutions. Thirteen government school premises in ABD area are selected for the project .

The project includes basic infrastructure upgradation of the school, providing sports infrastructure and smart class rooms .

Total Project Cost : Rs 16.00 Crores.

REJUVENATION OF LAKES



The vision of the project is to rejuvenate the Kavoorkere and Gujjarkere and to develop an active public recreational space for the city .

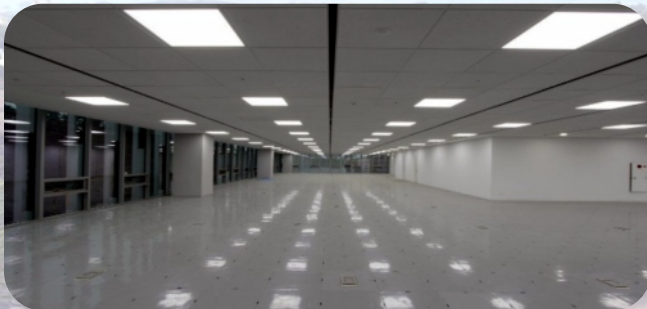
It is proposed to re-invigorate the space, improve the water quality and retainability , provide easy access and circulation while adding a plethora of public programs that add to the usability of the space .

Total Project Cost : Rs 12.00 Crores.

EPC PROJECTS



LED LIGHTS IN GOVT. BUILDINGS



It is proposed to change all the lights in government buildings in the city to LED. Projects aims to reduce power usage and thereby reduce carbon foot prints.

The number of buildings considered for the project are 27 government buildings. Total number fixtures are 10,523 NOS.

Total Project Cost : Rs. 1.85 Crores

RETROFITTING OF ABATTOIR



Mangalore City Corporation owns and operates a Slaughterhouse facility located in Kudroli within the Mangalore City. It is the sole legal and authorized Slaughterhouse for the city.

The project proposed for retrofitting and upgrading the existing facility at Kudroli to a Modern Slaughter House.

Total Project Cost : Rs 15.00 Crores

PEDESTRIAN PLAZA



Pedestrian Plaza near clock tower has been proposed as necessary design solution to cater to the traffic and pedestrian needs along the Nehru Maidan Road and Maidan west road.

The width of the underpass is 10m so as to eliminate the claustrophobic effects of any underground structure.

Total Project Cost : Rs 6.00 Crores

EPC PROJECTS

REDEVELOPMENT OF OLD DC OFFICE

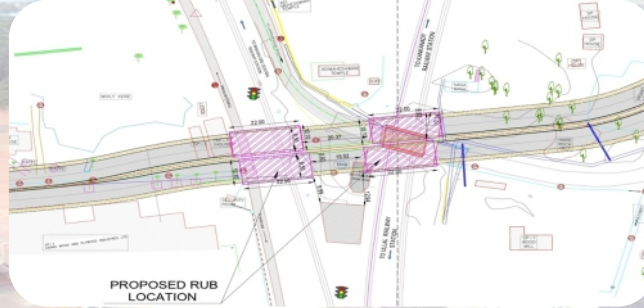


The old DC office building is one of the oldest heritage building in the city and building has about 400 years of history.

The heritage building will be retrofitted and conserved. The site is proposed to be 'A Cultural Hub' for the city of Mangaluru in the form of Art Galleries, Museum, Performance Space, Restaurants, Amphitheater, Cafes etc.

Total Project Cost : Rs 14.30 Crores.

CONNECTOR ROAD AND RUB



The project will be solving one of the major bottlenecks at the entry to Mangaluru city from NH 66.

It is proposed to develop 4 lanes 18m wide road from NH66 to Morgan's gate and 4 lanes RUB across the railway tracks.

RUB part will be implemented by Southern railway, Palakkad division funded by MSCL.

Total Project Cost : Rs 40.00 Crores.

COMMAND CONTROL CENTER BUILDING



It is proposed to construct command control building as an annexure of existing MCC building. The building is proposed to be built as an iconic green building beside the existing MCC building.

The building includes space for exhibitions, public waiting area and work stations.

Total number of floors : G+3

Total Project Cost : Rs 5.00 Crores.

EPC PROJECTS

LADY GOSHEN HOSPITAL UPGRADATION



Lady Goshen Hospital provides health care to child and expecting mothers . It is proposed to upgrade hospital to achieve state of the art health care standards .

It is proposed to give face lift for the existing building, extension of second floor and to develop the entire campus of hospital .

Total Project Cost : Rs5.00 Crores.

UPGRADATION OF MANGALA STADIUM



Mangala stadium is the only major public stadium in the vibrant city of Mangalore .

It is proposed to upgrade the existing facilities of Mangala stadium campus into a state of the art international standards . The stadium shall be developed into a Modern sports facility to meet aspirations of the sportspersons and citizens .

Total Project Cost : Rs 10.00 Crores.

DEVELOPMENT OF INDOOR STADIUM



The projects aims to provide a state of the art, modern indoor stadium facility for Badminton and Kabaddi .

The proposed stadium includes 6 interchangeable Badminton and Kabaddi courts, all player and supporting facilities, comfortable spectator/ audience seating, a sports club including café and member facilities, commercial space for economic self sustenance of the facility etc .

Total Project Cost : Rs 10.00 Crores.

EPC PROJECTS

RETROFITTING OF UPOR BUILDING



The projects aims to retrofit and upgrade the existing UPOR building in the premises of Mini Vidhan Soudha, Mangalore .

The projects includes reorganizing the interior according to the activities for furnishing the UPOR card, adding one more floor to match the requirements and improve the basic amenities for public .

Total Project Cost : Rs 5.00 Crores.

PPP PROJECTS

REDEVELOPMENT OF CENTRAL MARKET



Redevelopment of central market with state of the art facilities for city level retail center for fruit, vegetable, flowers, fish and meat products along with other related activities .

The projects aims to create a unique shopping experience of open retail market . Inclusion of other uses such as office spaces and other commercial facilities to complement the primary use.

Total Project Cost : 145.00 Crores.



INTEGRATED TRANSPORT HUB



It is proposed to develop a centralized and integrated bus terminal to include inter- city, Intra-city and intra-state buses at Pump well Junction . Project will have ancillary facilities for passengers, ample parking spaces, F&B units, hospitality, MLCP, Commercial space etc .

The project is to be developed on a 7.50 acre land owned by the MCC on a DBFOT model .

Total Project Cost : Rs 500.00 Crores.

PPP PROJECTS



MULTI-LEVEL CAR PARKING



It is proposed to develop a multi level car parking (MLCP) with commercial space at Hampankatta, Mangaluru in DBFOTmodel .

The location is in the center of the CBD of the city where the parking demand is very high . The proposal includes parking space for 800 cars.

Total Project Cost : Rs 91.17 cr.

CONVERSIONS OF STREELIGHTS TO LED



The proposed project involves converting all the street lights to LEDlights.

The streetlights will be controlled by Centralized Control and Monitoring System (CCMS).

Total number of streetlights : 64,000

Total Project Cost : Rs 62.63 Crores.

INSTALLATION OF ROOFTOP SOLAR



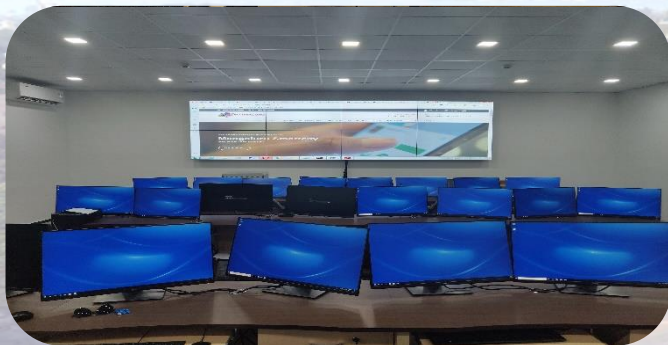
The Roof Top Solar PV Power System is being proposed on the roof top of different Government buildings in Mangaluru .

It is proposed to install grid-connected roof top solar PV projects on the roofs of entities as specified by MNRE vide notification no. 03/88/2015-16/GCRT dated 04th May+2016.

Total Project Cost : Rs 7.08 Crores.

ICT PROJECTS

COMMAND AND CONTROL CENTER



CCC is a pan city project and a central converging point for all smart interventions, especially the IT/ICTbased ones.

CCC enables regular monitoring of public services and facilities through a unified system for governing public administrations .

Total Project Cost : Rs 74 Crores.

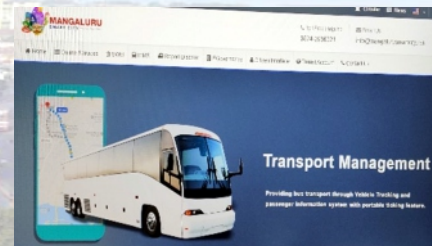
COMPONENTS OF COMMAND CONTROL PROJECTS



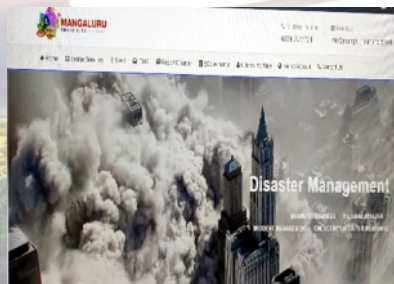
OneTouch Mangaluru App



Air Quality Monitoring Devices



ITMS



Disaster Management



Solid Waste Management



Smart Poles



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