

# PROJECT REPORT

## **SYNOPSIS**

*We all know that cities in this world have an irregular shape and do not have any regular or polygonal outline. But, How about a thought or an idea of building a fully fledged and fully equipped small city surrounded by water? How about building this Concept in the **STATE OF SOUTH CAROLINA!** The shape of the city is a star and the whole border or outline of the city has Large LED/Projector lights so that a Star shape is Projected onto the sky and if we just look at the city from an aerial view, a star shaped piece of land can be seen & especially at nights it will just look like “**a star has come down to earth**”. Thus, the name “**STAR CITY**” - **The Man Made Wonder!***

*This imagination of a star shaped island may look like a fantasy but looks fantastic when it is built. And inside the city anything can be built as per the wish of the esteemed Government of **SOUTH CAROLINA**, like an Amusement Park / Theme Park for example - Disneyland / Paramount Park / Warner Bros. Movie World etc.*

**AND / OR**

*A Film City with full fledged studios **AND** all necessary infrastructure required for making of Motion Pictures, hence promoting the welfare of Film Industry of **S.C.***

**AND / OR**

*A Sports City which includes Formula One and Moto GP Race Tracks with underwater tunnels & overwater bridges being part of the race tracks (for the very first time), Tennis Courts, Cricket & Basketball Stadiums, Football Stadiums & all related infrastructures for many other sports like freestyle wrestling, skating, baseball, hockey, ice hockey, golf, squash, rugby, athletics, gymnastics, weight lifting, and also indoor games like table tennis, badminton, indoor cricket, chess, snooker/billiards, carom etc. **AND** also Race Course Clubs, Health Spas, All Inclusive - World Class - Highly Sophisticated Casinos/Resorts/Malls, 5 star / 7 star / 9 star Hotels.*

**AND / OR**

*A Botanical Garden (with special zone for Indigenous Plants) with Mini Zoos (with Special Zone for Endemic Species), a Museum along with Reputed National & International Universities including Technical Education Courses, Medical Colleges / Super Speciality Hospitals, a Huge Skyscraper (also star shaped from aerial view) which attracts more tourists & generate High Revenue to the Government.*

*All these will for sure promote the Tourism & Hospitality Industry of **S.C.**, since Star City includes Family and Cruise Tourism, Health and Eco-Tourism, Cultural and Sports Tourism, Niche and Mass Tourism. And Very Soon, **“THE PALMETTO STATE”** will be able to host the **MOTO GP** and the **FORMULA 1 GRAND PRIX!***

*It is a world renowned fact that **SOUTH CAROLINA** is an International tourist attraction Place. The Star City has the potential to attract Family Tourists, Sports Persons, Art Connoisseurs, Musicians and Film Fraternities. Considering future opportunities to attract more international tourists & also keeping in mind about **“VISION 2020 S.C.”**, there comes the Dream Vision of **“STAR CITY”**.*

**“STAR CITY” may include SOME or ALL of the following features:-**

- *A Skyscraper of 100 or 200 floors (may also be increased as per requirement) at the Centre of the Star shaped land. The skyscraper will be a star shaped skyscraper & may be built as a Horizontal or a Vertical Skyscraper.*
  
- *The skyscrapers may be surrounded by an Amusement / Theme Park which may attract ‘n’ number of tourists which may be considered as world famous tourist Centre for children and family, a Film City with varieties of Sets, Film Studios & Animation Studios which promotes the film industry of **SOUTH CAROLINA**, U.S.A., North America & the World Cinema on the whole, a Sports City with all required infrastructures, a Musical City with all amenities for All Kinds of Music (Classical, Folk, Jazz, Western etc.), and a Exclusive Health City with Health Spas, Resorts etc., part of Health Tourism.*
  
- *Being a Diverse State **SOUTH CAROLINA** is the home to an abundant species of plants, animals and birds. Thus, Reserving some hectares of land for Botanical Gardens and Mini Zoos is also commendable.*
  
- *The island will be an Artificial Island and the land surrounded by water may have all modes of Transportation like Air (through helicopters and similar auto motives), Water (navigation using mini boats and other similar vehicles) and Land by Underwater & Movable Bridges connecting the Vertices of the star shaped land. The mode of transportation through land built under the water can serve the purpose for traveling through both Railways and Roadways.*

- *The whole city will be built, operated and monitored using **GIS** and **GPS** technology. Like the power transmission lines, water supply and drainage pipe lines, the gas lines, the petroleum lines etc. will be operated and controlled using **GPS** chips and **GIS** software. Hence, it will be a well planned city in all aspects. Also, the Electricity Generated and Supplied to the Entire “**STAR CITY**” is based on the **WIRELESS ELECTRICITY TECHNOLOGY**. In other words it may be simply said as “**STAR CITY**” - “**A CITY WITH WIRELESS ELECTRICITY**”.*
  
- *The border of the star city island will be fitted with Large LED/Projector lights (controlled by **GIS** and **GPS** technology) which gets on & off in variety of patterns just similar to musical fountains. When all the lights are on, a **STAR** can be seen from the top view of the island – **A Treat to Watch!***
  
- *Similarly the Skyscraper at the Centre of the island and each and every building inside the Star City will have similar LED lightings, electrical connections, water supply & drainage connections based on **GIS** and **GPS** technology.*

# ARTIFICIAL ISLAND

*The most important thing is constructing the Artificial Island. The Island may be built using - Land Reclamation Technique/ Expanding existing islets/ Construction on existing reefs/ Amalgamating several natural islets into a Bigger Island/ Construction on sea bed/ By Building an Artificial Lake **OR** By Constructing a small city by adopting the Technology used to build City of Venice but with apt changes & suitable up gradation (Advanced Modern Technology to avoid sinking problems) required for “**STAR CITY**”.*

*However, Considering the Geographical and Environmental Features of **S.C.**, the Best way to build an Island is by Constructing an Artificial Lake in an Uncultivated / Unused Land. It is the Perfect Solution to build the “**STAR CITY**” because all other Construction Techniques are **NOT Eco-Friendly** and have **High Environmental Impacts**. However, Arable Lands/Forest Lands/Biodegradable Waste Lands/Protected Areas etc. are not to be used for the construction of “**STAR CITY**”, since these lands are Environmentally Significant Areas.*

***UNITED STATES OF AMERICA** is one of the best performers when it comes to **Environmental Protection** (Currently Ranked **33** in the world among **178** Countries in **Environmental Protection Index** as per Yale University) and **SOUTH CAROLINA** is one of the most **Eco - Friendly** States in **U.S.A.** Since Artificial Lakes do not cause any harm to the **Environment** or any of the Species living in the habitat of those **Environment** including both water and land. Also Building an Artificial Lake to construct “**STAR CITY**” is Cost Effective and less Time Consuming when compared to other Construction Techniques.*

## **DETAILED DESCRIPTION**

### **1) What is this “STAR CITY”?**

---> “**STAR CITY**” is an artificially built small city cum island with an outline boundary with the shape of a **STAR**. This star shaped City cum Island will be well planned and highly sophisticated in all aspects. The City will be built with the help of **GIS** and **GPS** technology. All the buildings inside the Star City will be built using the Rapid Wall Technique OR “**Modern Fast Track**” Construction Technologies such as “**Pre-Fabricated**” AND “**Modular**” (Permanent Type) Construction Technology which is also **Eco-Friendly**. Earthquake Resistance Technology may be used for constructing the island if required. Another important aspect is that not only Buildings and Skyscrapers, even the Bridges can also be built by the **Pre-Fabrication** Technology. Hence “**STAR CITY**” will also be a “**GREEN CITY**”.

The power lines, water supply & drainage system and other relevant requirements of a city are built using this technology. And, the shape of the city is seen as a star during the day time and the star shaped boundary will be fitted with LED / Projector lights so that when it is on during the night it will be a visual treat to watch especially from aerial view.

Until now no City/Island has been built with such an Idea using **Pre-Fabrication / Modular, GIS & GPS** Technology.

CONCEPTUAL DESIGNS - *Outline of the star shaped island* - AERIAL VIEW

NIGHT VIEW

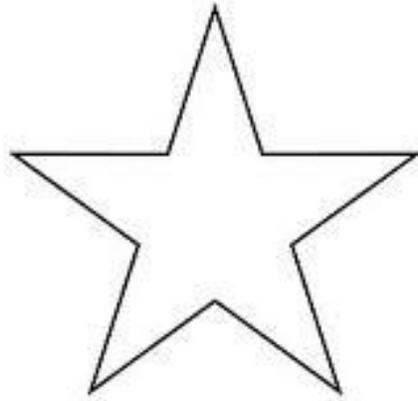


*OR*



## DAY VIEW

*(Outline Only)*



**THE SHAPE OF STAR IS ADOPTED FROM THE NATIONAL FLAG OF U.S.A.**

### **2) *What will be the purpose of this “STAR CITY”?***

*---> This city may be built for all in all commercial purpose rather than for residential, since it will generate a lot of revenue to the government. However, the Choice is left to the government by suggesting the possibilities of what could be built inside this city. The star city island may be built for multipurpose activities (may be for both Residential & Commercial Purposes if the Government wishes to do so). Also, Star City will serve as an apt and also the most suitable and apt location for any prestigious events such as the U.S. National and International Music Festivals / Film Festivals / Art & Science Exhibitions, Olympics, Football / Hockey / Rugby / Cricket World Cups and etc. **SOUTH CAROLINA** possesses the potential to build many architectural marvels and this project for sure will be one among them.*

### 3) *What are the possibilities of Transportation?*

*---> The island cum city surrounded by water may have all modes of Transportation like Air (through helicopters and similar auto motives), Water (through navigation using mini boats and other similar vehicles) and by Land by Underwater Bridges connecting the vertices of the star shaped land. The mode of transportation through land built under the water can serve the purpose for traveling through both Railways and Roadways. It will be the most unique possibility and the most efficient idea for Transportation.*

### 4) *Why the use of GIS & GPS Technology?*

*---> Both GIS & GPS technologies not only serve for better planning, but also for better maintenance of the city. With the help of these technologies the whole city may be built and operated and monitored efficiently. For Example the power transmission lines, water and drainage pipe lines, the gas lines, the petroleum lines etc. may be operated and controlled using GPS chips and GIS software. Hence, it will be a well planned and sophisticated city in all aspects.*

### 5) *What is the use of Building "STAR CITY"?*

*---> We all know that "SOUTH CAROLINA" is a world renowned International tourist place. It has the potential to attract a lot of tourists & visitors every year and this could be an additional booster to the Literature, Cinema, Music & Performing Arts, Visual Arts and Sports of SOUTH CAROLINA, U.S. and North America on the whole. The project for sure will enhance the magnetic dynamism of SOUTH CAROLINA by generating a lot of revenue to the SOUTH CAROLINA Government.*

### 6) *Why "S.C."?*

*---> Why "NOT"?*

## **CONCLUSION**

*The Creative Outlines & Conceptual Designs for the Star City Island are proposed and the finalized project with detail design and drawing may be built by any efficient Construction Firm appointed through the Government of **SOUTH CAROLINA**. In other words the government may officially “**REGISTER**” the “**STAR CITY**” Concept in its “**NAME**” and later “**SELL**” this Concept along with the Land/Water Area required for building Star City to any reputed Construction Company by auction or any other convenient method so that the Government can also make profits during the initial stages of the Project.*

*Now, the project is at the preliminary stage, the company which bids high or buys this project can prepare detailed design & drawings and execute the project. Thus, the Government can make profits both “**Before and After**” execution of the project. Since, the Government has the capacity & reliable resources to depute the Able & competent agency to carry out the work, it can identify the best construction firms in and around **SOUTH CAROLINA**, **OR** it may opt for an Global Investors / International firms who are ready to Invest in **S.C.** and clinch the deal for a profitable amount to execute the project. Hence, the possibility of the **SOUTH CAROLINA** Government to fund the project completely rules out & the Government need not have to fund for the “**STAR CITY**” project. Also, there are “**TWO MORE**” Possibilities to implement and execute this Project for the **SOUTH CAROLINA** Government “**WITHOUT INVESTMENTS**” but “**WITH PROFITS**”.*

*Alternatively, if the government wishes to fund the project, then it can take a decision on whether to fund partially or fully to the project i.e. to execute the project by any of the Reputed Investment Agencies owned, controlled and fully operated by the **S.C.** Government **OR** to go for a joint venture between **SOUTH CAROLINA** Government and any other private reliable firms, whichever may be found appropriate for the Government. In case of Foreign Investments, the Government may Opt to Execute the Project with **Foreign Direct Invest** in **SOUTH CAROLINA**.*

The most important aspect about “STAR CITY” Project is that it is highly **Environmental Friendly**. The **Artificial Lake, Pre-Fabricated Modular Buildings, Wireless Technology and the GIS & GPS Technologies** are **Eco-Friendly** and do not cause any harm to the Nature and Natural Resources. **SOUTH CAROLINA** has always been one of the most **Eco-Friendly** destinations in the world and “STAR CITY” is going to be one of the most **Environmental Friendly** Projects in the world. Also each and every Roads built inside the “STAR CITY” will be **PLASTIC ROADS** i.e. Roads made with the combination of Bitumen and Plastic Waste which is again an **Environmental Friendly**.

“STAR CITY” Concept is currently not registered. Suppose the Government decides to sell this entire project to a Private Firm so that the Private Firm carries out the entire construction of this project Investing their Money, then as aforesaid, the **SOUTH CAROLINA** Government registers this Project in its name and sells the project for an minimum amount of **10%** of the Estimated Cost. If the Estimated Cost of this Project is \$ ‘X’ BILLION, then the Government can sell this project for **10%** of \$ ‘X’ BILLION. If there is an Auction then the amount will be decided by the highest bid, in that case the amount may go more than **10%** of the Estimated Cost. Thus, the Government’s Profit is **100%** Guaranteed.

The Star City may be built Completely on Land or on Partial Land and Partial Water as an Alternative to build it completely on Water. The final decision regarding how to build Star City and what to build inside the Star City among the aforementioned options is left to the Supreme Authority of the Government of **SOUTH CAROLINA**. The design and drawings will be approved by the government and the government may setup a Committee to monitor and review the progress & status of the project until its completion. If the Government wishes the whole Star City may be Digitized Completely, in other words a Wi-Fi City / “DIGITAL CITY”. Thus, the project will be an Honor to be built in **SOUTH CAROLINA** and will be one of the prestigious projects among **ALL**.

*As of today “STAR CITY” will be the first of its kind to be built in terms of its Innovative Concept and Design based on GIS & GPS Technology, PREFABRICATION & MODULAR CONSTRUCTION Technology and WIRELESS ELECTRICITY Technology. These three Technologies are now used for already built cities or towns, but all three technologies used together to build a New City / Island is for the first time. Thus it is for sure that Star City will be a “Perfect Retail Destination”.*

*Of Course, there are many attractive locations and concepts built in S.C. and this project will add one more “FEATHER TO THE CAP”.*

