



# MEMORANDUM

## City of Venice

### Information Technology Department

TO: Manual Rivera, City Manager

THROUGH: [Click or tap here to enter text.](#)

FROM: Sophia Burns, Director of Information Technology

DATE: November 7, 2019

COUNCIL APPROVAL: Yes

MEETING DATE: November 7, 2019

STRATEGIC PLAN GOAL: Ensure a Financially Sound City

SUBJECT: 8G Tower

**Background:** The City of Venice is a well-known travel destination. It has beautiful beaches, shark teeth, and an abundant array of local eateries. Now is the time to capitalize on our name and expand the income generating capability, while providing for a sustainable future with great meteorological benefits.

The Department of Information Technology is requesting to build an 8G tower for southwest Florida. 4G used to be the king of mobile technology. 5G is just beginning to make its way to Florida. We want to be on the bleeding edge for years to come and surpass everyone with an 8G mobility tower.

This 8G mobility tower will serve multiple purposes—not just for data. There are optional wind turbines and roller coaster additions. 8G will allow the tower to create a WiFi bubble that will be able to cover almost 1/3 of the state. The City can charge users of this WiFi bubble—from as far south as Marco Island, on the fringes of Orlando, and out to sea in the Gulf of Mexico for boaters passing by.

An optional roller coaster atop the 1 mile high structure will give thrill seekers another reason to come to Florida—specifically, to the City of Venice. The full 4 minute long elevator ride up the tower will add to the suspense.

An optional set of wind turbines will also collect wind to provide electricity for the tower, the roller coaster, the built-in batteries, and anyone surrounding the tower for up to 100 yards. Lastly, in the event of a storm, the turbines can be switched into reverse and use stored up energy to repel the incoming storm.

Requested Action: The Department of Information Technology is requesting the council approve the development of the 8G tower. It is estimated that the City will need to provide \$200 million dollars to cover site development and some of the insurance needed since this tower has never been built anywhere in the world before. Additional funding would come from advertisements and Kickstarter funding.

If for an agenda item, this document and any associated backup created by City of Venice staff has been reviewed for ADA compliance: Yes

City Attorney Review/Approved: Yes

Risk Management Review: Yes

Finance Department Review/Approved: Yes

Funds Availability (account number): Nada

**ORIGINAL(S) ATTACHED:** Click or tap here to enter text.

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