



City of Coral Gables
CITY COMMISSION MEETING
March 10, 2020

ITEM TITLE:

A Resolution of the City Commission of Coral Gables, Florida, authorizing the City Manager to negotiate and execute an agreement with Pininfarina of America Corp. and Ekin, LLC, individually or collectively, to provide the city with objective design standards for small cells and smart city street poles and a proof-of-concept design of Ekin's cutting-edge consolidating technology that allows for the cost effective co-location of multiple functionalities into a single module, for a combined amount not to exceed \$150,000.00, under the Procurement Code Exemption contained in Section 2-607 (24) of the City's Procurement Code.

BRIEF HISTORY:

Pininfarina of America Corp. ("Pininfarina") is a global design and engineering firm founded in 1930 and known worldwide for its impact on the luxury architectural, automotive, and consumer products industries. Pininfarina has also designed civic infrastructure for the City of Miami Beach and other cities around the world and has recently been in communication with the City of Coral Gables regarding the creation of objective design standards for small cells and smart city street poles.

Established in 1998, Ekin, LLC., ("Ekin") is an industry leader in safe city technologies with a global presence and offices in Zurich, Stuttgart, New York, Istanbul, Baku, Dubai, Ankara and Miami. Ekin combines software, hardware, and design to produce safe city solutions, from traffic infraction detectors to parking management applications. Some of Ekin's most noteworthy clients include the NATO Summit 2004 and FIFA World Cup 2006. At the 2020 Consumer Electronics Show in Las Vegas, Ekin showcased its latest technology, sleek poles capable of different functions with different modifiable modules. These poles could house multiple smart city technologies in a single product, without requiring external hardware support and with minimal infrastructural costs.

The City intends to incorporate Pininfarina's objective design standards with Ekin's smart city technology. By establishing Coral Gables-specific objective design standards and merging those standards with Ekin's new-to-market, cutting-edge technology, the City hopes to prepare for 5G deployments with an aesthetically pleasing, functionally adequate, and technologically advanced standard solution. In addition to offering this solution for communications facilities, Pininfarina's design and Ekin's technology will add value to the City's smart district projects and help the City address some of its current implementation challenges, by: minimizing the smart city technology footprint in urban areas, improving aesthetics and functionality for street technology hubs (Wi-Fi, IOT, Smart Parking, traffic management, CCTV etc.) and consolidating the City's own technology for better integration and interoperability.

City staff aims to bring together these two industry leaders in order to implement an advanced, functional and beautiful solution that may pave the way for a cost effective, optimized and less disruptive rollout and adoption of 5G small cell communication systems in the City, and/or accommodate the City's own smart city technology. City staff has estimated the cost of delivering objective design standards by Pininfarina and a proof-of-concept design by Ekin, and that combined cost will not exceed \$150,000.00.

FINANCIAL INFORMATION:

No.	Amount	Account No.	Source of Funds
1.	\$19,000.00	001-3200-519-31-90	Professional Services
2.	\$131,000.00	001-7000-519-31-90	General Fund
Total:		APPROVED BY:	

ATTACHMENT(S):

1. Draft Resolution