



## AGENDA MEMORANDUM

First Reading Ordinance for the City Council Meeting September 17, 2019  
Second Reading Ordinance for the City Council Meeting September 24, 2019

**DATE:** August 19, 2019password1  
**TO:** Peter Zaroni, City Manager  
**FROM:** Mike Markle, Chief of Police  
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**Interlocal Cooperation Agreement (ILA)**  
With Texas A&M University – Corpus Christi (TAMUCC)  
Public Safety Support for Urban Traffic Management flight test event

### **CAPTION:**

Resolution authorizing execution of an Interlocal Cooperation Agreement (ILA) with Texas A&M University - Corpus Christi (TAMUCC) for police and fire support for the Lonestar Unmanned Aerial System (UAS) Center of Excellence & Innovation and NASA's Urban Traffic Management (UTM) flight test event.

### **SUMMARY:**

This ILA documents the terms of an agreement between TAMUCC and the City for the UAS and UTM flight test event.

### **BACKGROUND AND FINDINGS:**

Texas A&M University Corpus Christi (TAMUCC) was selected to conduct this test event as the culmination of a five-year effort by NASA to develop and test for the creation of an Unmanned Aerial System (UAS) Urban Traffic Management (UTM) system. Lone Star UAS is one of two sites selected from seven FAA-designated test sites to test the behavior of UAS in complex, urban environments. The goal of this event is to combine the complex technologies of UTM hardware and software to ensure their safe use in avoiding collisions and landing among existing structures and modes of transportation present in cities.

During the time frame of July 25-26, 2019, July 29-31, 2019, August 9, 2019, August 12-16, August 19-23, the University and NASA's UTM team completed 5 test scenarios in downtown Corpus Christi to assess UAS Traffic Management capabilities in an urban environment. The team conducted flights with up to 10 live Unmanned aircraft Systems in the air and up to 15 simulated systems simultaneously in a series of controlled environment events along pre-determined paths.

This ILA defines TAMUCC's responsibility for paying for public safety support from the police and fire departments during the test scenarios and outlines the scope of work for the participating officers and firefighters. The University agrees to pay the City \$54.96 per hour per police officer, not to exceed \$86,070, and the per hour cost of each fire fighter, not to exceed \$65,600 for 5

scenarios as developed by TAMUCC.

**ALTERNATIVES:**

None

**FISCAL IMPACT:**

The funds that the City will receive from the Texas A&M University Corpus Christi will be deposited to the into the Police and Fire General Funds. An amount not to exceed \$86,070 will be deposited into the Police General Fund and an amount not to exceed \$65,600 will be deposited into the Fire General Fund.

**Funding Detail:**

Fund:

Organization/Activity:

Mission Element:

Project # (CIP Only):

Account:

The Police General Fund will provide the overtime and Texas A&M will reimburse according to the contract.

**RECOMMENDATION:**

Staff recommends approval to execute the Interlocal Cooperation Agreement.

**LIST OF SUPPORTING DOCUMENTS:**

Interlocal agreement

Resolution