

**CITY COUNCIL  
COMMUNICATION:**

**ITEM \_\_\_\_\_**

**OFFICE OF THE CITY MANAGER  
CITY OF DES MOINES, IOWA**

**00-586**

**SYNOPSIS -**

**AGENDA:**

DECEMBER 18, 2000

**SUBJECT:**

28E AGREEMENT WITH THE IOWA AIR NATIONAL GUARD (IANG) FOR THE UPGRADING OF AIRFIELD FACILITIES

**TYPE:**

**RESOLUTION  
ORDINANCE  
RECEIVE/FILE**

**SUBMITTED BY:**

WILLIAM F. FLANNERY  
AVIATION  
DIRECTOR

The Iowa Air National Guard (IANG) has informed the Aviation Department that because of the Airport's multi-year project to relocate and extend Runway 5/23, the IANG has a need to upgrade some existing airfield facilities on this runway and adjacent to this runway, as well as improve aircraft entrance and exit taxiways into their leasehold. The proposed project includes:

- design and construction of two new arm/dearm pads off the new ends of Runway 5/23;
- design and construction of a portion of new Taxiway R from Taxiway B to Taxiway R-1;
- widening of Taxiway R-1;
- design and construction of an entrance taxiway from the IANG South Ramp to Taxiway B;
- expansion of two existing taxiway entrances from the IANG South Ramp and West Ramp to Taxiway D; and
- demolition and replacement of two existing aircraft arresting systems on Runway 5/23.

The Airport Board will be verbally polled to approve the recommendation to the City Council. Formal approval will be ratified at the regularly scheduled Airport Board meeting on January 9, 2001.

**FISCAL IMPACT -**

With this 28E Agreement the National Guard Bureau is obligated to provide the necessary funds for the upgrade airfield facilities as described herein. The total cost to be paid by the National Guard Bureau for the designated upgrade of airfield facilities, including design, contract letting, demolition, construction, project

management services, and materials inspection, is estimated to be \$6,950,000. (The federal government has not yet appropriated the funding for the construction portion of this project, but the National Guard Bureau anticipates the necessary funding to be available in time to meet the desired construction schedule. The proposed Agreement allows the City to terminate the Agreement if the National Guard Bureau does not receive the necessary construction funding.) The National Guard Bureau will pay in advance to the City \$10,000 for contract and execution administration services, with the City having the right to receive at a later date payment of an additional amount not to exceed \$21,000 for additional contract administration and execution services.

### **RECOMMENDATION -**

#### **Approval.**

### **BACKGROUND -**

Within the next few years, the Airport plans to remove Taxiway Q (which adjoins the existing arm/dearm area) to reconstruct a portion of Taxiway B and to construct a portion of new Taxiway R from Taxiway B to Runway 31R/13L. Because the work needed by the IANG is off of the IANG's Airport Leasehold, the best course of action is for the City Engineering Department to design all the airfield improvements (except the new aircraft arresting systems), to bid and award the contract(s) as City Public Improvement Projects, and to manage the construction and perform the necessary construction inspection.

This 28E Agreement to upgrade the airfield facilities as described has been negotiated between the Aviation Department, City Engineering Department, and the IANG. The Agreement includes the following features:

1. The letting of City Public Improvement Contract(s) to be awarded by the Airport Board and administered by the City to accomplish the IANG's needed airfield facility upgrades on or adjacent to Runway 5/23.
2. The IANG will provide to the City the completed design plans and specifications for the installation of the new aircraft arresting systems, and the City is responsible for preparing the documents for bidding and contract award.

3. The City is responsible for bidding the projects and awarding the construction contracts to the lowest responsible bidders and for performing all contract administration services for the projects.

4. The IANG shall assist the City in the design of the facilities needed solely by the IANG and shall assist the City in the construction inspection of the IANG airfield arresting systems.

5. The construction of some projects in this agreement are scheduled to begin by April of 2001, or sooner if possible, and are to be completed by August 1, 2005.

The Aircraft Arresting Systems are termed a "fixed by function" obstruction to air navigation by the Federal Aviation Administration (FAA) because they project above the runway. The FAA, City, and State of Iowa will have to enter into a Letter of Agreement to allow the "fixed by function" obstruction to air navigation within the safety area. The 28E does have a provision by which the State agrees to assume responsibility, to the extent permitted by law, for any and all damages, injuries, or death which may result to any person or property by reason of or in connection with the use of the improvements. The 28E also calls for the State to initiate changes with the Corp of Engineers to amend the Joint Use Agreement to incorporate a similar provision into that agreement.