



**CITY COUNCIL  
COMMUNICATION:**

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

**02-396**

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

**AGENDA:**

JULY 22, 2002

**SYNOPSIS -**

An existing 400-amp electrical panel serving two elevators had an insufficient wire size to serve the new elevator motors. This change order will increase the electrical service requirements to appropriately power the new elevator motors.

**SUBJECT:**

4TH AND GRAND  
GARAGE  
RELIGHTING -  
CHANGE ORDER  
NO. 5

**FISCAL IMPACT -**

This change order will be funded from the Parking Facility Maintenance Program in the 2002-03/2007-08 Capital Improvements Program, Page PKG-6, Fund EN054, Organization ENG990000, Project PKG021, Index Code 352161, Activity ID 04-2001-001.

**TYPE:**

RESOLUTION  
ORDINANCE  
RECEIVE/FILE

**RECOMMENDATION -**

**Approval of Change Order No. 5 with Associated Electrical Services.**

**SUBMITTED BY:**

JEB E. BREWER, P.E.  
CITY ENGINEER

**BACKGROUND -**

A change order has been negotiated in the amount of \$27,700 with Associated Electrical Services (Russell J. Breton, Managing Member, 1225 Copper Creek Drive, Suite J, Pleasant Hill, Iowa, 50327) for upgrading the electrical service feed to the elevator panels in the 5th and Keo Parking Garage, which are being upgraded in conjunction with the 4th and Grand elevators. After the panel was opened up, it was discovered that the 400-amp panel was fed by wiring that is too small for anticipated load.

The existing 400-amp panel when originally installed never had the maximum load on it. During design it was assumed the required wiring was installed to the existing panel. The new motors will increase the load on this panel, but the wiring must first be upgraded properly to operate both elevators.

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