



Council
Communication
Office of the City Manager

Date July 9, 2007

Agenda Item No. 8A
Roll Call No. 07-
Communication No. 07-398
Submitted by: **Jeb E. Brewer, P.E.**
City Engineer

AGENDA HEADING:

Approving Professional Services Agreement with Durrant Group, Inc. for design and construction phase services for Police Station emergency generator not to exceed \$55,000.

SYNOPSIS:

Approval of the Professional Services Agreement with Durrant Group, Inc., (Michael S. Lewis, Managing Principal, 510 E. Locust Street, Suite 200, Des Moines, Iowa, 50309), for a lump sum amount of \$50,000 and reimbursable costs not to exceed \$5,000, to provide design and construction phase services for Police Station emergency generator. The existing emergency generator has been in service for a number of years, and has recently experienced some mechanical problems. It needs to be replaced to ensure continued operation of public safety functions during power outages.

FISCAL IMPACT:

Amount: \$55,000

Funding Source: 2007-08 CIP, Page Municipal Building-18, BLD062, Police Station Remodeling, G.O. Bonds

ADDITIONAL INFORMATION:

The existing Police Station emergency generator has been in service for a number of years and has recently experienced some mechanical problems. The emergency generator only provides about 25% of the total electrical power needed to operate the building. It provides emergency power for the Communications Center, Information/Records area, critical computer equipment, hallway, stairwells, elevators, and limited portions of some offices. It does not have adequate capacity to operate the HVAC systems. If there were an extended power outage, public safety operations could not continue in the Police Station due to the lack of heating and cooling, and would need to be relocated to other facilities.

This project would replace the existing emergency generator with a larger unit sized to back up the entire building facility. Since this will be a larger generator, numerous modifications to the building are required. The new generator will need to be located outside the building inside a weatherproof enclosure. Transfer switches will need to be added and the electrical distribution system will need to be reworked to accommodate the emergency load transfer equipment. Modifications to existing mechanical/storage rooms will be required to accommodate the new electrical equipment. The existing diesel fuel tank will be able to be reused to serve the new generator, but a new fuel delivery system will need to be designed.

The renovation of the Police Station Dispatch Center was completed in 2004. The design of the renovation was completed by Durrant Group, Inc. As a part of the design, Durrant Group, Inc. completed an electrical system study for the Police Station including an evaluation of the emergency generator. The study focused on the electrical demands of the dispatch center, but also looked at the overall needs of the entire Police Station. The need for an emergency generator capable of supplying the electrical demands for the entire building was identified during this evaluation, and was subsequently included in the Capital Improvements Program. Durrant Group, Inc. was selected to provide the design for the Police Station Dispatch Center Renovation through a Request for Proposals process. The knowledge obtained during the design of this project would be lost if a different consultant was utilized for the design.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal Council actions on consultant services for design and construction administration and construction contracts.