 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b>	October 21, 2013
	<b>Agenda Item No.</b>	<b>38D</b>
	<b>Roll Call No.</b>	<b><u>13-1657</u></b>
	<b>Communication No.</b>	<b><u>13-516</u></b>
	<b>Submitted by:</b>	<b>Jeb E. Brewer, P.E., City Engineer</b>

**AGENDA HEADING:**

Authorizing the purchase of parking management control equipment to upgrade the existing Parking and Revenue Control System (PARCS) in the City Parking Garages from IQa Engineering, William Klose, Owner/President, 2130 107th Lane NE, Suite 100, Blaine, Minnesota, 55449, at a cost of \$245,396.

**SYNOPSIS:**

Recommend approval of the non-competitive purchase of software and firmware upgrades for the existing PARCS, which is the system of gates and revenue ticketing equipment for the Parking Enterprise System, as well as the addition of eight (8) system controllers and the replacement of 45 entrance exit gates. This upgrade must match the existing system; otherwise, the entire PARCS system would have to be replaced.

**FISCAL IMPACT:**

Amount: \$245,396

Funding Source: 2013-14 CIP, Page Parking – 7, Parking Facilities Rehab/Repair Program, PG016, being \$217,251, Parking Funds; the remaining \$28,145, Page Parking – 8, Park and Ride Facility Improvements, PG029, Park and Ride Funds.

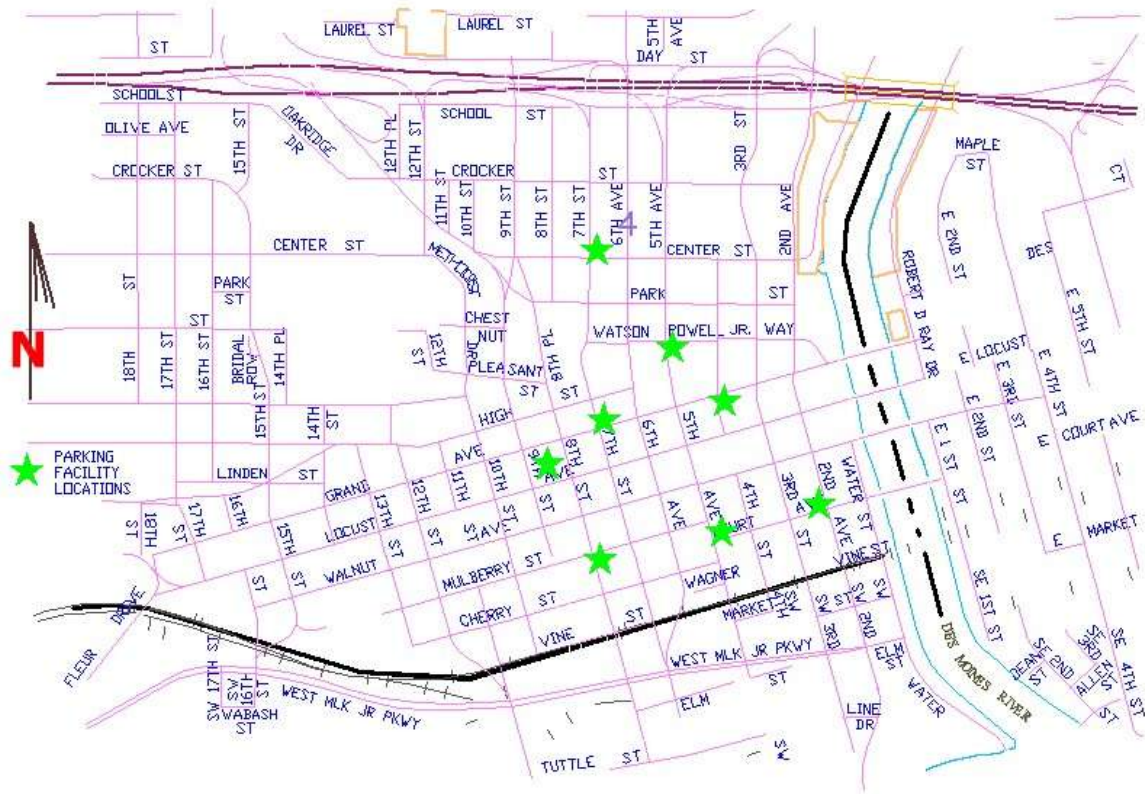
**ADDITIONAL INFORMATION:**

The Traffic and Transportation Division has been working with the City’s Information Technology (IT) Department to ensure that the parking system is up to date with the latest software and security standards. The current PARCS system uses Windows XP as its software operating system. Beginning in April 2014, Windows XP will no longer be supported by Microsoft and therefore the City’s IT Department will no longer be able to support the PARCS operating software. As a result, the software operating system must be updated from Windows XP to Windows 7.

The Engineering Department’s Traffic and Transportation Division received a quote from the supplier that installed the initial equipment to upgrade the existing PARCS to make it Windows 7 compatible. The upgrade includes the replacement of 45 entrance and exit gates, the addition of eight (8) system controllers, and upgrading of existing system firmware and software as well as a two (2) year warranty on the new equipment. The gates and controllers must be upgraded so as to run the new Microsoft Windows 7. A continuing maintenance fee of \$9,000 per year will be required beginning at year three (3) to maintain the software.

This upgrade will fully complete the software and hardware updates in the parking system so that current security standards are met. A full replacement of the pay stations, ticketing equipment, cash registers, and in-pavement sensors took place in 2007. This upgrade will allow reuse of this existing equipment and avoid replacement of the entire system at a cost of more than \$1.5 million. The cost of the upgrade for the Center Street Park and Ride PARCS system has been approved by DART.

### PARKING ENTERPRISE SYSTEM FACILITY LOCATIONS



**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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