

LRB - FISCAL SECTION ANALYSIS

SEPTEMBER 11, 2002

ITEM 7, FILE 020776

PUBLIC IMPROVEMENTS COMMITTEE

JAMES CARROLL

File #020776 is a resolution authorizing the Department of Public Works, Infrastructure Service Division to enter into an agreement with Johnson Controls, Inc. to study the potential savings and operational business improvement opportunities for the City of Milwaukee, Department of Public Works (DPW), specific to traffic signal retrofits using light emitting diode technology.

Background & Discussion

1. DPW has installed traffic signals utilizing light emitting diode technology and hardware on a trial basis. Based on the trial, DPW indicates there may savings to the City through lower energy costs and longer service life if the technology were implemented citywide. According to DPW, the life expectancy of the current signals is approximately 15 years. Signals utilizing light emitting diode technology and hardware are guaranteed for 20 years.
2. The resolution authorizes Johnson Controls, Inc. to identify overall cost savings of the use of light emitting diode technology on a citywide basis.
3. There is no financial cost to the City for the study by Johnson Controls.
4. DPW indicates that if the diode technology is installed on a citywide basis, a substantial portion of the work may be contracted out to private contactors because DPW's staff's workload may not allow for the completion of the work on a timely basis.
5. If private contractors were to be used, the Common Council would have to authorize their use by approving a separate resolution.

Fiscal Impact

The resolution has no fiscal impact.

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LRB-Fiscal Review
September 10, 2002