



Report to: General Committee

Date Report Authored: May 6, 2011

SUBJECT: Transfer of Surplus Funds from the Project “Photovoltaic Solar Panel System at 8100 Warden”

PREPARED BY: Phoebe Fu, ext. 3010
Andrea Tang, ext. 2433

RECOMMENDATION:

- 1) THAT the report entitled “Transfer of Surplus Funds from the project Photovoltaic Solar Panel System at 8100 Warden” be received;
- 2) AND THAT Council approve the transfer of surplus funds from the project “Photovoltaic Solar Panel System at 8100 Warden” to fund the Markham Village Community electrical remediation work in the amount of \$198,000;
- 3) AND THAT Council approve the transfer of surplus funds from the project “Photovoltaic Solar Panel System at 8100 Warden” to fund the LED Street Lighting Task Force consulting fees in the amount of \$100,000;
- 4) AND THAT Staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

The purpose of this report is to obtain Council approval to transfer surplus funds from the project “Photovoltaic Solar Panel System at 8100 Warden” to fund the Markham Village Community Centre emergency electrical remedial works and the consulting services for the LED Street Lighting Task Force.

BACKGROUND / DISCUSSION:

Electrical Safety Authority (ESA) discovered in January 2011 that the existing electrical feeder cables at the Markham Village Community Centre (MVCC) did not comply with electrical code and must be replaced. Full exposure of in-situ underground electrical feeder cable duct bank situation revealed the need for an extensive remedial solution. The direct and associated costs attributable to the remedial work totals \$198,000. The emergency remedial work was completed on March 2, 2011.

LED Street Light Task Force has been established to review the implementation of LED technology for Town of Markham. As part of the work plan, consultants will be hired to research and review the state of industry and potential applications. An estimated fee for the consultants is \$100,000, with Phase I of the work (research and benchmarking) estimated at \$25,000.

FINANCIAL CONSIDERATIONS AND TEMPLATE

In 2009, Council approved funding for the installation of an additional photovoltaic solar panel system on 8100 Warden Avenue warehouse roof, for a total upset limit of \$1,400,000

(056-535-095-4005 Photovoltaic Solar Panel System at 8100 Warden). The project is substantially complete with surplus funds of approximately \$590,000.

It is recommended that the funding requirements for the Markham Village Community Centre emergency electrical remedial works (\$198,000) and the consulting services for the LED Street Lighting Task Force (\$100,000) totaling \$298,000 be funded and transferred from the remaining balance available from the project “Photovoltaic Solar Panel System at 8100 Warden Project”.

The revised remaining balance of approximately \$292,000, after the transfers as noted above, in the project “Photovoltaic Solar Panel System at 8100 Warden” will be returned to the original funding source(s) upon completion of the project and reconciliation of final invoices.

HUMAN RESOURCES CONSIDERATIONS

Not applicable

ALIGNMENT WITH STRATEGIC PRIORITIES:

Not applicable

BUSINESS UNITS CONSULTED AND AFFECTED:

Finance Department has been consulted in the preparation of this report.

RECOMMENDED

BY:

Gary Adamkowi
Director, Asset
Management

Brenda Librecz
Commissioner, Community &
Fire Services