



TOWN OF
HALTON HILLS
Working Together Working for You!

REPORT

TO: Mayor Bonnette and Members of Council

FROM: Bruce Morrison, Deputy Fire Chief

DATE: June 21, 2021

REPORT NO.: FIRE-2021-0001

SUBJECT: Award of Single Source Purchase Order to WalterFedy for Fire Heat Pumps

RECOMMENDATION:

THAT Report No. Fire-2021-0001, dated June 21, 2021 regarding the Award of a Single Source Purchase Order to WalterFedy for Fire Heat Pumps be received;

AND FURTHER THAT Council approve the single source award to WalterFedy, 675 Queen Street South, Suite 111, Kitchener ON N2M 1A1 to an upset limit of \$45,000 excluding HST to review, design and provide contract administration to replace the heat pumps ;

AND FURTHER THAT the Senior Manager of Purchasing and Risk Management be authorized to issue a Single Source Purchase Order to WalterFedy, 675 Queen Street South, Suite 111, Kitchener ON N2M 1A1 to an upset limit of \$45,000 excluding HST.

KEY POINTS:

The following are key points for consideration with respect to this report:

- Due to ongoing concerns and repeated failures of the heat pumps, they need to be replaced at both District 2 (Maple Avenue) and District 3 (Fire Headquarters).
- The Town has received a grant in the amount of \$135,000 for replacement of the heat pump units
- To ensure the heat pumps operate as designed and prevent future failures additional expertise is being sought to ensure the heat pumps are properly selected, installed and commissioned
- "As Built" drawings from the original installation of the heat pumps are not available for reference

BACKGROUND AND DISCUSSION:

Since the facilities were constructed, staff have experienced problems with the heating and cooling in both facilities. Concerns could not be directed particularly at the design or the installation nor the heat pumps. More recently failures of one or both units in each station has resulted in costly and frequent repairs and has required the use of supplemental electric heaters to be used to provide heat.

Through the application for the grant, staff now have sufficient funds to remedy the situation but do not have the required technical skills to ensure the success of the project. Staff reached out to the firm that installed the geothermal loops. They suggested we speak to the Geothermal Association who then in turned recommended a Senior Engineer specializing in geothermal at WalterFedy. WalterFedy will provide the following services for both fire stations:

- review all the existing drawings,
- attend each station to confirm the installations
- provide the town with a design that is to be used to tender the removal and replacement of the existing heat pumps
- both contract administration in the form of addenda and site visits during construction and at the time of commissioning.

STRATEGIC PLAN ALIGNMENT:

This report is administrative in nature and does not have an impact on the Town's Strategic Plan.

This report also identifies fiscal and corporate management as one of the Town's Strategic priorities.

RELATIONSHIP TO CLIMATE CHANGE:

This report impacts and/or helps address climate change and the Town's Net Zero target through corporate energy savings.

PUBLIC ENGAGEMENT:

Public Engagement was not needed as this report is administrative in nature.

INTERNAL CONSULTATION:

Staff have worked with the Purchasing Section and Climate Change and Asset Management Section.

FINANCIAL IMPLICATIONS:

This report will be funded through an existing approved budget source.

Reviewed and approved by,

A handwritten signature in black ink, appearing to read "Jon Rehill". The signature is fluid and cursive, with the first name "Jon" being more prominent than the last name "Rehill".

Jon Rehill, Commissioner & Chief of Fire Services

A handwritten signature in black ink, appearing to read "Chris Mills". The signature is stylized and cursive, with the first name "Chris" being more prominent than the last name "Mills".

Chris Mills, Acting Chief Administrative Officer