



Staff Report PW2020-019

Title of Report: PW2020-019 Dundalk Transfer Station Upgrades Options
Department: Public Works
Branch: Water & Wastewater
Council Date: March 18, 2020

Recommendation:

Be it resolved that Council receive Staff Report PW2020-019 for information; and
That Council approve Option #3 to proceed with the Dundalk Transfer Station Upgrades Request for Proposals release.

Background:

A Request for Proposals (RFP) for the Dundalk Transfer Station Upgrades was released for a design and build for the transfer station wall, also including drainage, new guard rail, gate systems and constructing 3 additional saw-tooth loading areas in April 2019. The following resolution was passed at the July 3, 2019 Council meeting to defer the project until 2020:

9.5 Public Works Manager Jim Ellis

9.5.1 PW2019-052 - Dundalk Transfer Station Upgrades Recommendation No. 2019-447

Moved By Councillor Frew

Seconded By Councillor Shipston

Be it resolved that Council receive Staff Report PW2019- 052 for information; and
That Council approve staff recommendation option # 2, to defer the Dundalk Transfer Station Upgrades project and funding in the 2019 budget until 2020, for retendering of the project next year.

Council decision was based on the submitted pricing was higher than the budgeted amounts for the project and that doing the work in stages was not the approach to take. Council direction was the preference to replace the wall structure with formed concrete as opposed to a pre-cast block retaining wall.

Staff Comments:

At the February 12, 2020 Council-Staff Visioning Session, a presentation was given by Michael Birett, Managing Director of the Continuous Improvement Fund on the Blue Box Program Transition, which is currently requesting municipalities on whether they wish to negotiate contracts to stay in the program with Extended Producer Responsibility (EPR) funding or opt out of Blue Box Programs. The same

has happened with stewardships for tires, electronics and recently with Municipal Hazardous and Special Wastes (MHSW) programs.

The future may have collections and drop offs of some materials at other non municipal locations, thus the level of service for the Township may decrease, on the other hand continuation of some of these services may result in the increase of these services at a higher cost than eligible funding models support, leaving the tax payer to burden the cost.

The Dundalk Transfer Station is getting increasingly busy on Saturdays especially, bins are being filled, compacted down with the tractor and still running out of space. A few weekends we have had the roll off truck working to accommodate the space needed. Transfer Attendants are seeing the need for additional saw tooth loading areas to accommodate more bins for the volumes being received.

The following options could be considered:

1. Release a Request for Proposals for the Dundalk Transfer Station Upgrades project to be constructed out of formed concrete with 3 additional saw tooth loading area;
2. Release the RFP to replace the current wall system with leaving the existing block wall system in place, and construct a new pre-cast retaining wall system in front, and then add drainage between the walls at the bottom course and outlet, extend the bottom concrete pad, remove the top course of blocks and compact granular, pour a concrete slab, core and install guard rail and gate systems, with 3 additional saw tooth loading area;
3. Replace only the damaged block areas with pre poured concrete blocks with existing layout, install surface water drainage system with no additional saw tooth loading area;
4. Defer the project.

Option 1 would be the most expensive approach, removing and disposal of the existing wall system, excavation, and labour for forming concrete and materials, a longer process to complete the project and allows for expansion of the site.

Option 2 would be a little more cost effective with limited amount disturbance of the current block wall system and disposal, less interference with possible buried landfill materials and allows for expansion of the site.

Option 3 is the most economical solution with addressing deteriorating wall safety concerns, installing surface water drainage system, but does not allow for expansion of saw tooth loading areas and increased transfer of materials.

Financial Implications:

The 2020 Capital Budget anticipated Option #1 which included \$400,000.00 for the Dundalk Transfer Station Upgrades, funded with Development Charges contribution of \$20,250.00 and debt of \$373,000.00 and general taxation of \$6,750.00.

Communications & Community Action Plan Impact:

Goal 5 - Upgrading our "Hard Services"

Strategic Initiatives:

5-B - The Township will have adopted a long-term asset management plan for the timely repair, replacement, and expansion of the Township's infrastructure, facilities, and other assets.

Concluding Comments:

Staff recommends that Council receive Staff Report PW2020-019 for information, and that Council approve the preferred option to proceed with the Dundalk Transfer Station Upgrades Request for Proposals release of Option #3.

Respectfully Submitted,

Dept. Head: **Original Signed By**
Jim Ellis, Public Works Manager

Treasurer Approval: **Original Signed By**
William Gott, CPA, CA Treasurer

CAO Approval: **Original Signed By**
Dave Milliner, CAO

Attachments: