



Agenda Item Summary

File #: RES 20-118, **Version:** 1

Submitted By

John P. Wielebnicki, Public Works Director

Reviewed By

LKS

Agenda Item Title

A Resolution Approving an Amendment to the Purchase Price Agreement with SNI Solutions, Inc. for the Purchase of Winter De-icing Materials in Fiscal Year 2020 in an Amount Not to Exceed \$55,000.00 and Authorizing its Execution

Overview

The Public Works Department and Parking Services Division of the Development Customer Services Department use de-icing materials in response to snow and ice conditions. This item allows for the purchase of additional materials should they be needed for this winter season and also for the fall of 2021.

Recommendation

Approve the Resolution.

Fiscal Impact

The Fiscal Year 2020 General Fund Budget for Street Services, Snow & Ice Control, provides \$341,000.00 in its Roadway Maintenance, Account no. 1001-43740-765-560633, for all roadway snow & ice control material purchases. Of this amount \$276,000.00 is allocated for rock salt and \$65,000.00 is allocated for the de-icing materials under this agenda item.

Staff estimates that in 2020, up to \$55,000.00 will be needed for the purchase of Ecosalt and Geomelt 3-6-1 de-icing materials from this Roadway Maintenance account.

Background

The Public Works Department and Parking Services Division use bags of Ecosalt for treatment of sidewalks and parking structures which are susceptible to corrosion during snow plowing and salting events.

The Public Works Department also uses Geomelt 3-6-1 (a blend of corn-soybean solution 30%, salt brine 60% and calcium chloride 10%) for anti-icing streets in the Village. Anti-icing is a process whereby if weather conditions meet certain guidelines, this liquid product is used to pretreat bridges and main arterials before snow fall. This helps hold off pavement icing until crews can get in to salt and plow. Using this material also reduces the amount of rock salt that the Department uses. The Department has had very good results with this material. SNI Solutions is the exclusive dealer for both these products in the Chicago area.

Public Works has increased the usage of Geomelt 3-6-1 this year due to two factors: 1) The weather has been more conducive for anti-icing with the majority of snow events starting as snow instead of rain. Rain will rinse away pretreatment, so if this type of event is forecast, anti-icing is not applied. 2) Industry guidelines have changed for the application of this type of anti-icing product. Before this season, it was not recommended to apply anti-icing when the temperatures were forecast to be below 15 degrees Fahrenheit. This guideline has been eliminated for anti-icing blends, which allows the application of Geomelt 3-6-1 more often.

The Public Works Department has used over 10,000 gallons of Geomelt 3-6-1 this season. In the past, the Department has spent on average of approximately \$22,000.00 on these types of materials. The proposed increase of this agreement will allow the Village to buy approximately 13,500 more gallons of Geomelt 3-6-1 and an extra 864 fifty pound bags (48 pallets) of Ecosalt until December 31, 2020. This will take us through the first part of the next winter season.

Alternatives

The Board can delay action to gain additional information.

Previous Board Action

In previous years, the agreements for these products have been for an amount of \$25,000.00 or less and have not been considered by the Village Board.

Citizen Advisory Commission Action

N/A.

Anticipated Future Actions/Commitments

The Public Works Department proposes to continue to use these materials and will bring future purchase requests to the Village Board.

Intergovernmental Cooperation Opportunities

There are no intergovernmental cooperation opportunities exist at this time.