

**AGENDA**  
**Municipal Services Committee**  
**September 24, 2018**  
**6:30 P.M. – Council Chambers**

- 1. Call to Order & Roll Call**
- 2. Establishment of Quorum**
- 3. Old Business**
  - a. Discussion** – Consideration to amend the City Code provisions on storage of refuse containers in residential areas.
- 4. New Business**
  - a. Discussion** – Request from the Planning and Zoning Commission to amend the zoning variation standards.
  - b. Resolution** – Accepting proposals for the hardware and software updates from the following: Stenstrom Petroleum Services, for the Fuel Management hardware and software update in an amount not to exceed \$11,206.
  - c. Resolution** - Accepting proposals for the hardware and software updates from the following: Computerized Fleet Analysis (dba: CFA Software, Inc.) CFA hardware and software update in an amount not to exceed \$23,682.
  - d. Resolution** - Accepting a proposal from Associated Technical Services Ltd (ATS) for the 2018 water leak survey, in the amount of \$9,472.32 for the leak detection phase and a per unit cost for the leak location phase in the amount of \$420.00 per mainline or service leak, and \$95.00 per fire hydrant leak or mainline valve for a total amount not to exceed \$14,500.00.
  - e. Resolution** - Authorizing the purchase of the following De-icing and Anti-Icing Equipment and Products.
  - f. Resolution** - Accepting a proposal from Allied Door Inc., for the removal and replacement of five (5) garage bay doors, hardware and including motor controllers, at the Public Works Facility, located at 1041 South Frontage Road in an amount not to exceed \$26,349.82
  - g. Minutes** – August 27, 2018 Municipal Services Committee
- 4. Director's Report**
- 5. Next scheduled meeting** – Monday, October 22, 2018
- 6. Adjournment**

**AGENDA MEMO**  
**MUNICIPAL SERVICES COMMITTEE**  
**September 24, 2018**

**Issue Statement**

Discussion II-Refuse Container-Consideration to amend the City Code provisions on storage of refuse containers in residential areas.

**Background**

The request is detailed in an email from Alderman Lester Vaughn dated August 7, 2018. See Attachment A. In summary, he is suggesting that an exemption be given to those houses to allow storage of refuse containers in front where side or rear locations are not 'practicable or reasonable'.

Current Code Section 7-1-5 requires single family detached houses keep refuse, recyclable, and compostable materials in containers and the containers are not to be stored between house and street except on pick-up days. Section 5A-10-7 requires multi-family to store refuse in containers in enclosures in the rear yard and setback at least 5 feet from property lines and screened by landscaping. See Attachment B - DARIEN CODES.

The following estimates were based on staff observations of single family areas.

- 80-90 % are in compliance – houses with raised side yards store their containers in side or rear yard or in garage – some have made improvements such as walkways or terraces in the side yard that make storage easier
- 5-10 % are not in compliance - but have relatively flat lots with no impediment to storing containers in side or rear yards
- 5-10 % are not in compliance - have a side yard with raised grades next to their attached garage
- <1 % are not in compliance - they have low fence screens in front – most of these screens do not completely block views of the containers from the street.

See Attachment C - PHOTOS.

This item was discussed at the 8.27.18 MSC meeting and more information on options was requested.

- See Attachment D - SURVEY of similar codes from surrounding towns. In summary, Woodridge and Willowbrook require storage in side or rear yards. Lisle requires storage in an inconspicuous place. Lisle and Westmont require storage that is not a nuisance to neighbors. Downers Grove has no storage location restrictions.
- See Attachment E - SHED INFO SHEET. Such a structure in front of a house could screen the refuse containers from view.

**Recommendation**

Discuss whether any code amendment would be warranted.

**Steven Manning**

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**From:** Steven Manning  
**Sent:** Tuesday, September 18, 2018 11:15 AM  
**To:** Steven Manning  
**Subject:** RE: Request for Amendment to Section 7-1-5 Code

**From:** Lester Vaughan <[lester.vaughan@gmail.com](mailto:lester.vaughan@gmail.com)>  
**Date:** August 7, 2018 at 7:20:27 AM CDT  
**To:** Dan Gombac <[dgombac@darienil.gov](mailto:dgombac@darienil.gov)>  
**Subject:** Fwd: Request for Amendment to Section 7-1-5 Code

Hi Dan.

Good morning. Below is an overview of the Amendment I proposed last night. Let me know if you have any questions or concerns.

Several residents on Maple in Ward 2 are having issues with their garbage can placement. This is because they live in raised-ranch style homes which don't naturally permit for storage of cans anywhere convenient except for the front of their homes. This is in violation of section 7-1-5 of the Darien City Code which provides in Section B that "It shall be unlawful to place such [garbage] containers anywhere between the front of the main building, or the side when facing the street, and the street, except during the [24 hours before/after trash collection days]."

Some of the Maple Lane residents have voiced their frustration and complaint to me, some have been ticketed for noncompliance, and some have complied in the past week, keeping their cans in different locations. It is clear, though, that there is an ongoing issue with residents in the raised-ranch style home. I think its something we need to address as the City Council.

I would propose amending the existing statute to allow for an exemption to this provision. I am not entirely sure how it would work, and defer to the experience and expertise of others on this point, but I do feel strongly we should do something to try and accommodate the needs of these residents.

The statute is copied below for your convenience, and I suggest we amend the statute to provide a section (C) that has language to the effect of:

(C) An exemption to subsection (B) may be obtained at the discretion of [The City of Darien/Darien Municipal Services] upon a finding that it is not practicable and/or reasonably possible for a resident to store their containers anywhere but the prohibited areas outlined in subsection (B). A resident seeking an exemption shall provide a request in writing to [INSERT DEPT/PERSON]... The City of Darien shall work with the resident to determine the most reasonable and practicable location for the containers and the exemption to 7-1-5(B) is at the discretion of the City of Darien.

Obviously, this language is a starting point, but I wanted to get the conversation going and see how I can best advocate for the residents in my ward facing this dilemma. I look forward to your thoughts and to moving forward.

Please let me know if you have any questions or concerns. I look forward to hearing from you soon.

Best Regards,

Lester Vaughan, Alderman Ward 2

## DARIEN CODES – REFUSE CONTAINERS

7-1-5:

Notwithstanding any other provision of this Code, garbage, refuse, recyclables, compostable materials and similar items may be placed on parkways in the City only to facilitate their removal by licensed scavengers, and only if the following provisions are observed by the person placing or causing to be placed on the parkways items of refuse or compostable materials:

(A) Any refuse, recyclables, or compostable materials placed on the parkway shall be stored in containers or otherwise appropriately secured to ensure that debris or refuse is not scattered by weather, animals, or other causes.

(B) Refuse, recyclables or compostable materials stored in approved containers such as kraft bags, may be placed on the parkway twenty four (24) hours before the scheduled scavenger service and containers used to store these items shall be removed from the parkway twenty four (24) hours after said scavenger service. It shall be unlawful to place such containers anywhere between the front of the main building, or the side when facing the street, and the street, except during the times specified hereinabove. (Ord. 0-37-90, 6-18-1990)

5A-10-7:

(B) Refuse Disposal Facilities And Required Landscaping: Suitable areas for the storage of trash shall generally be provided in the rear yard, subject to approval by the Zoning Enforcement Officer, and shall be designed and constructed as to allow no view of the trash storage from the street, to prevent waste from blowing around the site or onto adjacent properties or public rights of way, and to permit safe, easy removal of trash by truck or hand, and shall comply with the following:

1. Refuse disposal facilities landscaping shall be provided on two (2) sides of any required refuse disposal area immediately adjoining a building, and on three (3) sides of any freestanding refuse disposal area.
2. Refuse disposal facilities landscaping shall be located in a planting bed a minimum of ten feet (10') in width adjacent to any structure, except that a planting bed, five feet (5') in width, shall be allowed when a refuse disposal area is setback five feet (5') from a rear or side lot line in compliance with Section 5A-5-9 of this Title.
3. The required refuse disposal facilities landscaping shall remain open and free of all paving.
4. Refuse disposal facilities landscaping shall be comprised of a combination of shade trees, ornamental trees, evergreens, shrubs, and ground cover. (Ord. 0-03-00, 4-3-2000)





08/14/2018 22:50



08/14/2018 23:12



09/17/2018 02:52



## SURVEY of REFUSE CONTAINER STORAGE CODES scm 9.5.18

## Woodridge

4-2-2-1 (B): Waste containers, landscape waste units and landscape waste totes and recycling containers are to be stored at the side or rear of the residence, except from three o'clock (3:00) P.M. on the day prior to collection to eight o'clock (8:00) P.M. on the day of collection, when said waste containers, landscape waste units, landscape waste totes and recycling containers may be placed at the curb.

## Willowbrook

6-6-4 (B) 2: Approved landscape waste containers, approved garbage containers, approved recyclable containers and bulk items are to be stored at the side or rear of the residence except from three o'clock (3:00) P.M. on the day prior to collection to seven o'clock (7:00) P.M. on the day of collection, when said approved landscape waste containers, approved garbage containers, approved recyclable containers and bulk items may be placed at the curb.

## Downers Grove

Section 13.49 (c): Refuse, recyclables or compostable materials stored in containers or otherwise appropriately secured, may be placed on the parkway after 12:00 noon the day preceding scavenger service. Refuse, recyclables, compostable materials and containers used to store these items shall be removed from the parkway by 12:00 midnight of the day of scavenger service.

## Westmont

Sec. 66-4 (f) 3: No container used for storage, collection, or removal of garbage or other refuse shall be placed so as to constitute a nuisance to adjacent owners and occupants.

## Lisle

8-2-2 (B): Deposits In Streets: Except recyclables which are regulated by subsection (E) of this section, no waste of any kind shall be deposited in any street, alley or public way, excepting waste wrapped in tightly closed and tied plastic bags or placed in a tote and maintained in good order and in an inconspicuous place so as not to create a nuisance to neighbors, by the owner or occupant of residential or commercial unit in the village and placed for pick up by a scavenger service; and no such waste shall be so placed that it can be blown or scattered by the wind.

Home / Storage & Organization / Sheds, Garages & Outdoor Storage / Sheds / Plastic Sheds

Similar Options to Consider

								
<b>\$109.94</b> /each Was \$129.99	<b>\$109.94</b> /each Was \$129.99	<b>\$219.99</b> /each Was \$249.99	<b>\$175.99</b> /each Was \$199.99	<b>\$219.99</b> /each Was \$249.99	<b>\$1500.00</b> /each Was \$1699.99	<b>\$1280.00</b> /each Was \$1499.99	<b>\$299.00</b> /each Was \$349.99	<b>\$1275.00</b> /each Was \$1499.99

Model # 211166 | Internal #D04300128



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**Keter**  
4 ft. x 2 ft. Store-It-Out MIDI Horizontal Resin Shed

★★★★☆ (367) | Write a Review | Questions & Answers (58)

- This compact storage shed can hold two 32 gallon trash cans
- Double doors and easy access hydraulic lid
- Easily move it anywhere for indoor or outdoor storage

**\$109.94** /each ~~\$137.46~~  
Save \$27.52 (20%)

Quantity

Not in Your Store - We'll Ship It There

We'll Deliver It to You

**Add to Cart**

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We'll send it to Darien for free pickup

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**September 11**

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[Learn about our return policy](#)

Product Overview

The Keter Store-It-Out MIDI is an attractive wooden look texture storage shed that adds a contemporary style to most back yards. It will not rust, dent or peel and requires no maintenance, unlike the wooden versions. It's ideal for all your storage needs, indoors or out and keeps the contents dry and ventilated. It is easy to assemble with common household tools. It is also lockable, though a lock is not included. So, when you're looking for the perfect storage solutions, look no further than Keter for a wide range of home and garden products to suit any space or requirement.

- Wooden look texture
- Built-in support for wood shelf
- Optional metal hinges for easy-opening lid
- Floor panel included
- Can contain two 32 Gal. trash cans
- Ideal for all your storage needs, indoors or out
- Durable - all weather design
- Keeps contents dry and ventilated

**AGENDA MEMO**  
**MUNICIPAL SERVICES COMMITTEE**  
**September 24, 2018**

**Issue Statement**

A request from the Planning and Zoning Commission to amend the zoning variation standards.

**Background**

Starting with the Planning Workshop conducted on September 20, 2017, the PZC has been meeting in a series of workshops to discuss various procedures that pertain to their hearings. Current Darien code and policy was reviewed along with state statutes, examples from other municipalities, and published research from professional organizations such as American Planning Association and Illinois Municipal League. We have compiled various procedures and other useful information into a manual for PZC members. See Attachment A - PZC Manual of Procedures Table of Contents.

The PZC has given special attention to the process for zoning variations for several reasons:

1. Darien is mostly built out with few vacant lots, so for growth and development to occur, variations are frequently needed.
2. Most of the recent caseload of PZC has been variation requests.
3. The criteria for evaluating variations currently in code are vague and not very helpful in guiding residents, developers, PZC, and City Council in making these important decisions.

The PZC has been working on improving these criteria. By studying the past two years of petitions and the best examples of criteria in the planning literature and other municipalities; the PZC has developed a series of decision criteria that not only builds on and elaborates on state statutes and case law, but also explains in plain language the most important reasons to be used to approve or deny the type of variation cases in Darien. See Attachment B - Variation Criteria. In summary, it includes;

- a. Essential need?
- b. Problem with property?
- c. Smallest solution?
- d. Create neighbor problem?
- e. Create community problem?
- f. Net benefit?
- g. Sacrifice basic protections?

The City Attorney has reviewed this effort and supports this upgrade to the variation criteria.

The PZC should be commended for the time and effort they have volunteered in their workshops and for their desire to improve the quality of their service to the City Council and the citizens of Darien. The PZC looks forward to getting your input and dialog to improve zoning procedures.

**Recommendation**

On August 1, the PZC voted unanimously to request the City Council to authorize a public hearing to consider a text amendment to the Zoning Code regarding the criteria for variations.

See Attachment C - PZC minutes of 8.1.18.

CITY OF DARIEN  
PLANNING AND ZONING COMMISSION  
**MANUAL OF PROCEDURES**

**Table of Contents**

Revised 8.1.18

1. Member Contact List
2. Orientation Guide
3. Schedule of Meetings
4. Duties
5. Open Meetings Act
6. City Council Rules for Compliance
7. Typical Agenda Format
8. Affirmation / Oath
9. Public Hearing Guidelines
10. Hearing Discussion Outline
11. Decision Criteria in Code
12. Variation Petition Findings of Fact
13. LaSalle Factors
14. Votes
15. Citizen Planner Workshop 9/20/17
16. Roles
17. Informational Literature:
  - “Running Efficient, Effective, and Shorter Meetings”
  - “Findings of Fact for Planning Commissions”
  - “Getting the Most Out of Staff Reports”
  - “Ending or Avoiding Commission Wars”
  - “Much To Do About Process”
  - “Zoning Handbook”

**DECISION CRITERIA FOR VARIATIONS**

**Zoning Code section 5A-2-2-3(G)**

**CURRENT**

Standards: The zoning board of appeals or plan commission shall not recommend a variation and the city council shall not vary the provisions of this title as authorized in this section, unless findings of fact have been made on those of the following which relate to the variation being sought:

1. Whether the purpose of the variation is not based primarily upon a desire to increase financial gain and the general character of the property will be adversely altered.
2. Whether the overall value of the property will be improved and there will not be any potential adverse effects on the neighboring properties.
3. Whether the alleged need for the variation has been created by any person presently having a proprietary interest in the premises.
4. Whether the proposed variation will impair an adequate supply of light and air in adjacent property, substantially increase congestion in the public streets, increase the danger of fire, or endanger the public safety.
5. Whether the proposed variation will adversely alter the essential character of the neighborhood.  
(Ord. 0-29-05, 10-3-2005)

The city council shall not grant variations from the provisions of this title contained in chapter 4 of this title. Provided however, that the city council may grant variations to nonconforming buildings, structures, and uses from other provisions of this title other than the provisions contained in chapter 4 of this title except that the city council shall not grant use variations.

## DECISION CRITERIA FOR VARIATIONS

## PROPOSED

1. **ELIGIBILITY:** The City may grant variations to any provision of this Zoning Code, except for variations to the 'Non-Conforming Buildings, Structures, and Uses' provisions, which are in Chapter 4 of this Zoning Code, and the 'Permitted Uses' and 'Special Uses' provisions of each zoning district, which are in Chapters 7,8, and 9 of this Zoning Code.
2. **STATE DECISION CRITERIA:** The City may grant variations only if the finding-of-fact supports each of the following, as required by the Illinois Municipal Code, Sections 11-13-4 and 5.
  - a. The property in question cannot yield a reasonable return if permitted to be used only under the conditions allowed by the regulations in the zone.
  - b. The plight of the owner is due to unique circumstances.
  - c. The variation if granted will not alter the essential character of the locality.
3. **CITY DECISION CRITERIA:** The City may grant variations only if the finding-of-fact supports one or more of the following criteria that are determined by the City to be the most relevant to the subject property situation.
  - a. **ESSENTIAL NEED?** The owner would suffer substantial difficulty or hardship and not mere inconvenience or lesser profit if the variation is not granted.
  - b. **PROBLEM WITH PROPERTY?** There is some feature of the property such as slope or shape or some change made to the property that other nearby properties does not have that makes it unreasonable for the owner to make the proposed improvement and still conform to code.. Such feature or change was not created by the current owner and was not knowable when the current owner decided to purchase the property.
  - c. **SMALLEST SOLUTION?** There is no reasonable way to redesign the property or the desired improvements to avoid the substantial difficulty or hardship or reduce the amount of variation needed.
  - d. **CREATE NEIGHBOR PROBLEM?** The variation if granted would not cause a substantial difficulty or hardship, unreasonable burden, or loss of value for neighboring property.
  - e. **CREATE COMMUNITY PROBLEM?** The variation if granted and repeated for similar properties throughout the community would not cause a problem, unreasonable burden, or undesirable result throughout the community.
  - f. **NET BENEFIT?** The positive impacts to the community outweigh the negative impacts.
  - g. **SACRIFICE BASIC PROTECTIONS?** The variation if granted would still uphold the purposes and intent of this Zoning Code, which are presented in Section 5A-1-2(A) and are summarized as follows; to lessen congestion, avoid overcrowding, prevent blight, facilitate public services, conserve land values, protect from incompatible uses, avoid nuisances, enhance aesthetic values, ensure an adequate supply of light and air, and protect public health, safety, and welfare.

**MINUTES  
CITY OF DARIEN  
PLANNING & ZONING COMMISSION MEETING  
August 1, 2018**

**PRESENT:** Lou Mallers, Chairperson, Robert Cortez, Robert Erickson, Brian Gay, Brian Liedtke, Ralph Stompanato, Steven Manning - City Planner

**ABSENT:** Michael Desmond, John Laratta, Mary Sullivan

Chairperson Mallers called the meeting to order at 7:00 p.m. at the City Hall – City Council Chambers, Darien, Illinois and declared a quorum present and swore in the audience members wishing to present public testimony.

**REGULAR MEETING:**

**A. Workshop - Procedures**

Steve Manning provided the Committee with excerpts from a publication from the Illinois Municipal League entitled “Zoning Handbook”. He stated it is a good summary, restatement, and reinforcement of many of the concepts we have covered in our previous workshops.

A revised ‘Hearing Discussion Outline’, which is tab 10 in the Manual of Procedures, was presented. Mr. Manning said one of the main objectives during a hearing is to have thorough discussion of how the facts and findings of the case align with the decision criteria in order to come to some consensus on the reasons for approving or denying the petition. Those reasons should be stated clearly and be subject to questioning by the petitioner and the audience. Then after such discussion the motion can be made which should contain the reasons. It is a rigorous process, but it should result in fair decisions that everyone will understand.

The current and proposed ‘Decision Criteria for Variations’ were discussed. Mr. Manning recounted that these proposed criteria were developed over several PZC workshops to address the actual issues brought up in most cases. The intent was to use plain language that petitioners could understand and that were also based on state statutes and case law. Some Commissioners have said that other criteria that we have not yet anticipated may make sense depending on the unique circumstances of a future case. There was general agreement that the proposed criteria we are considering here are well worded to address most situations that we face and we should try to put them into our code now. If other criteria are proposed, even if for one case, the PZC should evaluate for fairness.

**Commissioner Erickson made a motion and it was seconded by Commissioner Stompanato to recommend to the City Council to consider an amendment to the Zoning Code to adopt the proposed Decision Criteria for Variations as presented.**

**Upon roll call vote, THE MOTION CARRIED 6-0.**

Mr. Manning reported that the process for such an amendment would involve a motion by City Council to authorize a public hearing by PZC and then the City Attorney would be asked for input. All Commissioners would then get another chance to review and revise the criteria before it is set back to City Council for final approval.

**CORRESPONDENCE**

None

**OLD BUSINESS**

None

**NEW BUSINESS**

None

**APPROVAL OF MINUTES**

None

**NEXT MEETING**

Chairperson Mallers announced that the next meeting is scheduled for Wednesday, August 15, 2018 at 7:00 p.m.

**PUBLIC COMMENTS (On any topic related to planning and zoning)**

There was no one in the audience wishing to present public comment

**ADJOURNMENT**

With no further business before the Commission, Commissioner Gay made a motion and it was seconded by Commissioner Liedtke. Upon voice vote, **THE MOTION CARRIED unanimously and the meeting adjourned at 8:23 p.m.**

**RESPECTFULLY SUBMITTED:**

**APPROVED:**

\_\_\_\_\_  
Elizabeth Lahey  
Secretary

\_\_\_\_\_  
Lou Mallers  
President



**AGENDA MEMO**  
**Municipal Services Committee Meeting**  
**September 24, 2018**

**ISSUE STATEMENT**

A resolution waiving the competitive bid process and accepting proposals for the hardware and software updates from the following:

Stenstrom Petroleum Services, for the Fuel Management hardware and software update in an amount not to exceed \$11,206.

AND

Computerized Fleet Analysis (dba: CFA Software, Inc.) CFA hardware and software update in an amount not to exceed \$23,682.

**BACKGROUND/HISTORY**

The Municipal Services facility at 1041 S Frontage Road includes a fuel station for the City's various departments, local fire departments, Park District and School Districts. The City upgraded the gas pumps, tanks and the computer hardware software (FuelMaster) in 2012. The fuel system software, FuelMaster, is the current software that operates the fuel pumps with key chip encoders for authorized vehicles.

The fuel inventory data is stored within the FuelMaster hardware and software. The department utilizes a secondary system referred to as the CFA (Computerized Fleet Analysis) software. Currently, the CFA software is part of a standalone workstation, which integrates with the Fuel Master software and is polled manually at the end of every month for the following:

1. Fuel Transactions-The Fuel Master program stores fuel transactions and reports are generated from the CFA program and forwarded to the City Accountant to record usages to the proper department and invoicing to outside agencies.
2. Scheduled Fleet Maintenance-Based on mileage or hours stored on the Fuel Master software, the CFA software will generate a report for preventative maintenance items. The report is forwarded to the City mechanic. Once the work is completed, the ticket is forwarded to the Superintendent to manually enter into the CFA software.

The existing CFA software is over 20 years in age and is obsolete, has no further support for updates, and does not have the ability to be integrated to the City's network. Upgrading the system will have the following benefits:

1. Direct Mechanic input from the Mechanic's workstation
2. Program will be on the City Server
3. Accounting will have direct ability to poll fuel transactions
4. Departments will have access to review vehicle maintenance records

The Fuel Management program update consists of the following:

**ITEM A**

1. Supply and install a FuelMaster 2500 Classic to 3500 Plus (AIM2.4 ready) upgrade to the existing system to include:
2. New main boards
3. Current version FuelMaster Plus PC software
4. New ProKee encoder – USB
5. Supply and install an Ethernet communications board
6. Start-up system and test. Provide basic training

**ITEM B**

A. \*AIM2.4 Equipment /Kits - single tank vehicle (\$275 Each x 17 Units) \$4,675  
Staff has scheduled 17 of 65 various vehicles to be installed with the AIM technology.  
The AIM 2.4 program will allow newer vehicles to have equipment installed on the vehicle to allow the Fuel Master to capture the following information from the vehicle:

1. Vehicles mileage automatically
2. Odometer
3. Max Vehicle/Engine Speed
4. Min Engine Oil Pressure
5. Engine Run /Idle/PTO Engage Time
6. Min/Max Battery Voltage
7. Max Engine Oil Temperature
8. Diagnostic Trouble Codes
9. Current Fuel/Coolant/Washer Fluid Level
10. Min Transmission Oil Pressure
11. Check Engine Light Status
12. Current Transmission/Engine Oil Level
13. Max Coolant Temperature mileage read automatically

**ITEM C**

1. Dispenser nozzle tags: (one needed per nozzle) (\$75 Each x 4 Units) \$300

**ITEM D**

1. AIM installation training course: \$2995 (mandatory with AIM2.4 purchase)

**Fuel Master Upgrade Costs**

ITEM A1-A6 - \$5,986

ITEM B - AIM2.4 kits includes items B1-B13 (single tank vehicle): (\$275 each X 7 Units) - \$1,925

ITEM C1 - Dispenser nozzle tags: (one needed per nozzle) (\$75 each x 4 Units) - \$300

ITEM D1 - AIM installation training course: (mandatory with AIM2.4 purchase) - \$2,995

**Total Costs-Fuel Master Upgrade Costs**

**\$11,206**

The Computerized Fleet Analysis-CFA program update consists of the following:

1. CFAWin8 (1 server)	\$20,990
2. CFAWin8 (2 clients/licenses)	\$ 3,190
3. Fuel System Interface	\$ 3,000
4. Implementation	\$ 3,000
5. Training	\$ 2,500
Sub Total	\$32,680
6. Upgrade Discount	(\$8,998)
<b>Total Cost- Computerized Fleet Analysis</b>	<b>\$23,682</b>

The total costs for the programs are as follows:

Stenstrom-Fuel Master	\$11,206
Computerized Fleet Analysis-(CFA)	\$23,682
<b>Total Combined Cost</b>	<b>\$34,888</b>

The FY18/19 Budget includes funding for the abovementioned items from the following accounts:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 18/19 BUDGET	EXPENDITURE	BALANCE
01-30-4259	Small Tools and Equipment	\$35,000	\$ 34,888	\$ 112

Upon review, Staff is requesting to waive the competitive bidding process due to the following:

- Fuel Master Equipment and software installed in 2012 and are proprietary to a sole distributor.
- The CFA equipment and software are further being discounted due to the City being an existing customer and Staff has familiarity with the program. The CFA software is the optimal fleet maintenance software and is also utilized by the County of DuPage and the Village of Schaumburg with no problems.

**STAFF RECOMMENDATION**

Staff recommends accepting a resolution waiving the competitive bid process and accepting proposals for the following software updates from the following:

Stenstrom Petroleum Services, for the Fuel Management software update in an amount not to exceed \$11,206  
 20990+319  
 Computerized Fleet Analysis (dba: CFA Software) CFA software update in an amount not to exceed \$23,682

**ALTERNATE DECISION**

As recommended by the Committee.

**DECISION MODE**

This item will be on the October 1, 2018 City Council agenda for formal consideration.

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION WAIVING THE COMPETITIVE BID PROCESS AND ACCEPTING PROPOSALS FOR THE HARDWARE AND SOFTWARE UPDATES FROM THE FOLLOWING:**

**STENSTROM PETROLEUM SERVICES, FOR THE FUEL MANAGEMENT HARDWARE AND SOFTWARE UPDATE IN AN AMOUNT NOT TO EXCEED \$11,206.**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** The City Council of the City of Darien hereby authorizes the acceptance of a proposal for the hardware and software updates from the following:

Stenstrom Petroleum Services, for the Fuel Management hardware and software update in an amount not to exceed \$11,206, a copy of which is attached hereto as "Exhibit A".

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1<sup>st</sup> day of October, 2018.**

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1st day of October, 2018**

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM

\_\_\_\_\_  
CITY ATTORNEY



**PROPOSAL**

**Customer**

City of Darien Public Works  
1041 S. Frontage Road  
Darien, IL 60561  
Contact: Dan Gombac  
630-353-8106 dgombac@darienil.gov

September 10, 2018

**SCOPE OF WORK**

- Supply and install a FuelMaster 2500 Classic to 3500 Plus (AIM2.4 ready) upgrade to the existing system to include:
  - New main boards
  - New door assembly
  - Current version FuelMaster Plus PC software – note: Owner’s PC must be running Windows 7/8/10, have an available USB port for the ProKee encoder and CD-ROM drive to load new software. We will need owner’s IT support for the installation and setup of the PC software and Ethernet communication to the FMU.
  - New ProKee encoder – USB
- Supply and install an Ethernet communications board. Owner to provide a live Cat5 Ethernet cable to the FMU.
- Start-up system and test. Provide basic training.

**Total installed price: \$5,986 \*assumes tax exempt – we will require tax exempt letter**

**AIM2.4 equipment**

- AIM2.4 kits (single tank vehicle): \$275 each
- Dispenser nozzle tags: \$75 each (one needed per nozzle)
- AIM installation training course: \$2995 (mandatory with AIM2.4 purchase)

*Proposal prepared by Steve Trabilisy. Quoted prices valid for 30 days.*

Accepted by:

Company/Organization Name:  
Purchase Order:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

**PROPOSAL/AGREEMENT SUBJECT TO THE FOLLOWING:  
TERMS AND CONDITIONS**

1. Equipment will be billed on receipt and payment is due Net 10 days from date of invoices. If the merchandise is shipped to our warehouse for sake of convenience, this will also be considered delivery.
2. Prices quoted do not include freight charges unless specifically noted.
3. All prices quoted are subject to applicable taxes unless specifically noted.
4. Installation work to date will be billed at the end of each month and payment is due Net 10 days from the date of invoice. Delivery to Stenstrom Petroleum Services Group's/Seller's ("SPSG") warehouse for purposes of convenience or coordination shall be considered "delivery" for billing purposes.
5. Excavation quotations are based on normal conditions. In the event any of the following are encountered and are not shown on plans or made known to SPSG, SPSG shall not be held responsible; underground structures, cables, conduit, water, sewer or telephone lines. Under no conditions will SPSG be held responsible for cave-ins, unusual water table levels, sandy soil, contaminated soils, rocks or any other developments not encountered under normal circumstances.
6. Purchaser/Customer ("Customer") will be held responsible for providing liquid ballast for filling all underground storage tanks immediately upon setting tanks in excavation. SPSG shall not be responsible for contaminations or loss of product used for ballast. In the event tanks should float SPSG shall be held blameless. All expense for equipment, labor, and materials to reinstall tanks will be borne by Customer. The additional cost to the Customer shall be based on a time and material basis, unless other arrangements are made.
7. If, because of winter construction, it is necessary to remove frost or to protect backfill or concrete from freezing, additional expenses involved will be charged to the Customer at cost plus 15%.
8. Delivery promises are contingent upon fire, strikes, accidents or other causes beyond SPSG control. Delivery, unless otherwise stated, does not include unloading. Customer shall make a storage area available to SPSG. Any necessary relocation of equipment or installation material from the designated area will be at Customer's expense.
9. If material ordered is cancelled after production begins by the manufacturer, cancellation charges will apply as specified by the manufacturer and shall be paid by Customer.
10. To protect all parties, a mechanics lien will automatically be filed where payment is not received according to the terms of the contract.
11. SPSG warrants, for a period of one (1) year from the date of completion of the installation, that the installation of all equipment shall be done in a workmanlike manner in accordance with standard procedures. (SPSG MAKES NO OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, AND MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.) SPSG's obligations and liability under this warranty are expressly limited to performing the labor necessary to correct any defect in the installation of the equipment. Neither party shall be liable for special, indirect or consequential damages. The remedies set forth herein are exclusive, and the liability of SPSG, whether in contract, tort or otherwise, shall not, except as expressly provided herein, exceed the price of the installation on which such liability is based. No employee or representative of SPSG is authorized to change this warranty in any way or grant any other warranty. Equipment furnished as part of this proposal is warranted by the manufacturers of such equipment, and SPSG makes no warranties whatsoever as to such equipment. Customer shall make all claims for breach of warranty to the manufacturer offering such warranty, and in the manner specified by the manufacturer of the equipment with a copy of the claim to SPSG.
12. No provision is made in this Proposal for special fees, permits, licenses, or similar expenses. If SPSG is requested to furnish same, such charges will be added to the Proposal price unless otherwise stated. Customer shall furnish all surveys necessary for proper installation. Easements for permanent structures or permanent changes in the existing facilities shall be secured and paid for by Customer.
13. Labor, materials and outside services for electrical, blacktop, landscaping, restoration, water and sewer work are not included in the Contract unless specified.
14. Quotations covering work to be accomplished in the locations where lines, wires and conduits presently exist are based upon utilizing these existing lines, wires and conduits unless so stated. Quotation based upon utilizing existing lines, wires or conduits assume that these lines, wires or conduits are good and usable in their present condition. Should it be determined, as the installation progresses, that these existing lines, wires or conduits require any repair, upgrading, or work of any kind, this additional work is not included in the quoted prices. The extra will be charged out on a time and material basis, unless other arrangements are made.
15. Customer shall not assign this Proposal without the prior written consent of SPSG. This Proposal contains the entire agreement between the parties and there are no promises, understandings or agreements other than those contained herein. This Proposal can only be modified in writing by both parties. No prior course of dealing between the parties or trade usage may be used to interpret, limit or otherwise impair the operation of this Proposal.
16. Finance Charge. A finance charge of 18% per annum (1 1/2% per month) will be added to all amounts not paid in full within thirty (30) days from the billing date.
17. Attorney's Fees. In the event that Customer breaches any of the terms of this Agreement or fails to make any of the payments required thereunder, Customer shall pay all reasonable attorney's fees and costs incurred by SPSG relating to, or arising out of, its enforcement of the terms of this Agreement.
18. Governing Law. This Agreement and the performance thereof shall be governed by the laws of the State of Illinois.

~~19.~~ Severability. In the case that any one or more of the provisions contained in this Agreement is held for any reason to be invalid, illegal, or unenforceable in any respect, that invalidity, illegality or unenforceability will not affect any other provision of this Agreement and the Agreement will be construed as if the invalid, illegal or unenforceable provision had never been contained in it.

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION WAIVING THE COMPETITIVE BID PROCESS AND ACCEPTING PROPOSALS FOR THE HARDWARE AND SOFTWARE UPDATES FROM THE FOLLOWING:**

**COMPUTERIZED FLEET ANALYSIS (DBA: CFA SOFTWARE, INC.) CFA HARDWARE AND SOFTWARE UPDATE IN AN AMOUNT NOT TO EXCEED \$23,682.**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** The City Council of the City of Darien hereby authorizes the acceptance of a proposal for the hardware and software updates from the following:

Computerized Fleet Analysis (dba: CFA Software, Inc.) CFA hardware and software update in an amount not to exceed \$23,682, a copy of which is attached hereto as "Exhibit A".

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1<sup>st</sup> day of October, 2018.**

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1st day of October, 2018**

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM

\_\_\_\_\_  
CITY ATTORNEY



**CFA Software, Inc.**  
 1020 W. Fullerton Ave, Suite A  
 P.O. Box 1309

# On-Premise Proposal

**Proposal Date:** 9/19/2018  
**Proposal #:** 2698  
**Project:** v8 Upgrade  
**Valid Until:** 12/19/2018  
**Representative:** JM

**Prepared For:**  
 City of Darien  
 Mr. Dan Gombac  
 1041 S. Frontage Rd.  
 Darien IL 60561

Item	Description	Quantity	U/M	Rate	Total
_v8_OnPremise	==== Server License ==== On-Premise Server License for CFAWin8				20,990.00
CAL-New	==== Client Licenses ==== Client Access License for CFAWin8	2	CAL	1,595.00	3,190.00
FuelInterface	==== Fuel Integration ==== Fuel System Integration for CFAWin8	1	ea	3,000.00	3,000.00
v8-FirstYear	==== Support and Maintenance ==== CFAWin8: Support Services Software Maintenance	1	ea	0.00	0.00
Data CFAv6->v8	==== CFAWin6 Data Conversion ==== Convert CFAWin6 Data to CFAWin8 Data - for one dataset	1	ea	0.00	0.00
_300_v8_OnPremis...	==== Implementation and Training ==== Implementation for CFAWin8 • Installation and Implementation				3,000.00
OnSiteUsing	On-Premise Custom Training • 2 Days On-Premise Training for 3 people	1	ea	2,500.00	2,500.00
Customer-Hosted	==== Discount ==== Upgrade discount for existing CFA customer	1	server	-8,998.00	-8,998.00

Thank you for this opportunity!

**Total** **\$23,682.00**

- 1) Please note that all prices are in US Dollars and are good for 90 days from the Proposal Date. All payments are in US Funds.
- 2) MS-SQL Server licensing, as applicable, is provided by the Client
- 3) Travel and related expenses will be charged as applicable to on-premise services.
- 4) Prices shown do not include taxes, duties, and the like. Payment of any such items is the responsibility of the Client.



# FUELMASTER

ENGINEERED BY SynTech



## Leading the Way in Automated Fuel Management Technology

**FUELMASTER's** AIM2 4™ technology is without a doubt the leader in automated fuel management. AIM2 4 is a passive system that eliminates inaccurate driver-entered data from the fueling and data collection process. Our AIM module connects directly to a vehicle's OBD port in order to collect vital information that a fleet manager requires. Using this patented technology prohibits fuel going into unauthorized vehicles or containers. In response to demand for a module that can operate in a rugged environment, Syn-Tech's engineers developed the AIM2 4HD™. It is designed specifically for extreme conditions such as those found at hydraulic fracturing sites and in mining operations. There are more AIM modules installed on equipment in North America than any other competitor's passive system. Tens of thousands of AIM units have been installed on U.S. military equipment, as well as on public and private sector fleets. There are two major reasons organizations select **FUELMASTER**; it works and our nationwide support network helps the customer keep it working.

The AIM reports the following extended OBD data, but availability varies between light and heavy duty vehicles:

- Odometer
- Engine Run /Idle/PTO Engage Time
- Diagnostic Trouble Codes
- Check Engine Light Status
- Max Vehicle/Engine Speed
- Min/Max Battery Voltage
- Current Fuel/Coolant/Washer Fluid Level
- Current Transmission/Engine Oil Level
- Min Engine Oil Pressure
- Max Engine Oil Temperature
- Min Transmission Oil Pressure
- Max Coolant Temperature

## Our patented AIM module takes the driver out of the data collection process.



1. The driver inserts the fuel nozzle and the AIM module reads the RFID tag on the nozzle.

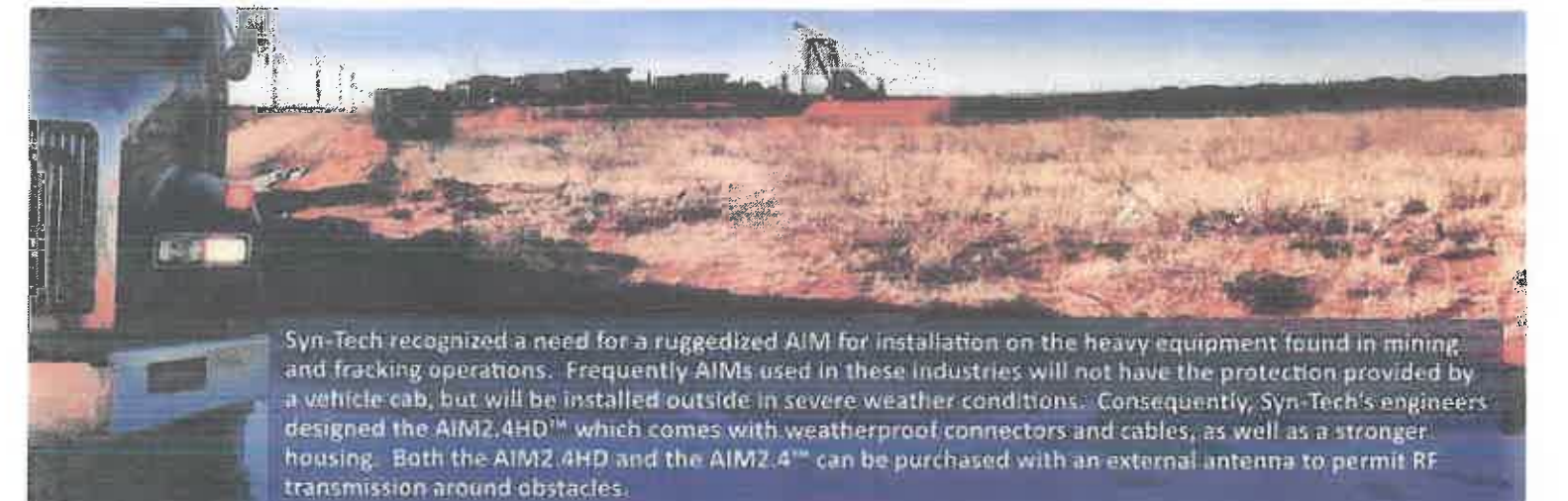
2. The module transmits the tag ID and vehicle data to the Fuel Management Unit (FMU). The FMU activates the dispenser.

3. The FMU receives the data and records the transaction. The transaction ends when the nozzle is removed.

Contact your **FUELMASTER**® representative today to learn more.

**SYN-TECH SYSTEMS, INC.**  
 100 Four Points Way, Tallahassee, FL 32305  
 (800) 888-9136 • [marketing@myfuelmaster.com](mailto:marketing@myfuelmaster.com)





Syn-Tech recognized a need for a ruggedized AIM for installation on the heavy equipment found in mining and fracking operations. Frequently AIMs used in these industries will not have the protection provided by a vehicle cab, but will be installed outside in severe weather conditions. Consequently, Syn-Tech's engineers designed the AIM2.4HD™ which comes with weatherproof connectors and cables, as well as a stronger housing. Both the AIM2.4HD and the AIM2.4™ can be purchased with an external antenna to permit RF transmission around obstacles.

All components of AIM2.4HD are submersible up to one meter according to IP67 and NEMA 6. The connectors used on this device actually exceed these requirements per IEC 60529 and DIN 400-50-9. This additional protection makes the AIM2.4HD the perfect equipment for applications in extremely harsh environments such as the agriculture, mining, aggregates and fracking industries.

## AIM2.4™ / AIM2.4HD™ Technical Specs

### ENVIRONMENTAL CERTIFICATIONS

- Temperature Rating: -20°C to 85°C
- Certified to SAE J1455 JAN2011 – *Recommended Environmental Practices for Electronic Equipment Design in Heavy-Duty Vehicle Applications*
  - 4.1.3.1 Temperature Cycling
  - 4.1.3.2 Thermal Shock
  - 4.1.3.3 Thermal Stress
  - 4.10.4.2 Mechanical Vibration
  - 4.11.3.4 Mechanical Shock
- ETL listed to meet:
  - UL 913 *Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations*
  - UL 1238 *Control Equipment for Use with Flammable Liquid Dispensing Devices*
- FCC ID: TFB-FREESTAR3
- IC: 5969A-FREESTAR3

### ELECTRICAL

- Input voltage range: 12-42VDC
- Current draw: Max: 150mA, Typical: 100mA, Power save: 25-45mA
- Analog chronometer input range: 4-42VDC

### WIRELESS SPECIFICATIONS

- 2.4GHz ISM band
- Direct Sequence Spread Spectrum (DSSS)
- 100 mW max output

### OBD STANDARDS SUPPORTED

- Light duty: ISO 15765 (CAN), ISO 9141, J1850, J1979
- Heavy duty: J1939, J1708/J1587

### ADDITIONAL FEATURES

- Tracks the odometer via the OBD port or vehicle speed sensor
- Reports up to 18 different OBD parameters. Examples include max vehicle speed, current oil level, minimum oil pressure and check engine light status
- Captures all engine trouble codes via the OBD port (supports J2012, J1587 and J1939)
- Tracks up to three chronometers simultaneously (via OBD or analog inputs)  
Examples include:
  - Idle time
  - Engine run time
  - PTO time
- Supports up to two tanks with a single AIM



**CFA Software, Inc.**  
 1020 W. Fullerton Ave, Suite A  
 P.O. Box 1309

# On-Premise Proposal

**Proposal Date:** 9/19/2018  
**Proposal #:** 2699  
**Project:** v8 Upgrade  
**Valid Until:** 12/19/2018  
**Representative:** JM

**Prepared For:**  
 City of Darien  
 Mr. Dan Gombac  
 1041 S. Frontage Rd.  
 Darien IL 60561

Item	Description	Quantity	U/M	Rate	Total
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Data CFAv6->v8	==== CFAWin6 Data Conversion ==== Convert CFAWin6 Data to CFAWin8 Data - for one dataset	1	ea	0.00	0.00
_300_v8_OnPremis...	==== Implementation and Training ==== Implementation for CFAWin8 • Installation and Implementation				3,000.00
OnSiteUsing	On-Premise Custom Training • 2 Days On-Premise Training for 3 people	1	ea	2,500.00	2,500.00
Customer-Hosted	==== Discount ==== Upgrade discount for existing CFA customer	1	server	-8,998.00	-8,998.00

Thank you for this opportunity!

**Total** **\$23,682.00**

- 1) Please note that all prices are in US Dollars and are good for 90 days from the Proposal Date. All payments are in US Funds.
- 2) MS-SQL Server licensing, as applicable, is provided by the Client
- 3) Travel and related expenses will be charged as applicable to on-premise services.
- 4) Prices shown do not include taxes, duties, and the like. Payment of any such items is the responsibility of the Client.

**AGENDA MEMO**  
**Municipal Services Committee**  
**September 24, 2018**

**ISSUE STATEMENT**

A resolution accepting a proposal from Associated Technical Services Ltd (ATS) for the 2018 Water Leak Survey, in the amount of \$9,472.32 for the Leak Detection Phase and a per unit cost for the Leak Location Phase in the amount of \$420.00 per mainline or service leak, and \$95.00 per fire hydrant leak or mainline valve.

**BACKGROUND/HISTORY**

The FY 18/19 Budget includes \$14,500.00 for this year's Water Leak Survey Program. The leak survey program as proposed by Associated Technical Services Ltd (ATS) includes two phases consisting of surveying 473,616 lineal feet (89.7 lineal miles) of water main and the second phase includes the pinpointing of leaks found in the system. The proposed quote from ATS is structured in a fashion that the vendor is additionally motivated to find as many leaks as possible since the proposal is further driven on unit costs for pinpointing leaks. Based on leak detection results from previous years, ATS has located an average of 20 various leaks per year.

Should the City have 30 various leaks, (see Attachment A, labeled as Competitive Quote Summary), the cost for the program could be approximately an additional \$5,027 dollars for a total expense of approximately \$14,500.00. Staff does anticipate finding leaks, but the amount will not be known until the leak survey is completed. ATS has indicated they will not exceed our budgeted amount of \$14,500 should more than 30 various leaks be located, see Attachment B.

City staff had solicited for competitive quotes and received five. Based on the detection phase, ATS is the lowest competitive quote. Funding for the Water Leak Maintenance Program would be expended from the following line item of the FY18/19 Budget:

ACCOUNT NUMBER	PROJECT CODE	ACCOUNT DESCRIPTION	FY 18/19 BUDGET	PROPOSED EXPENDITURE	PROPOSED BALANCE
02-50-4326	N/A	LEAK LOCATING QUALITY CONTROL	\$14,500.00	\$9,472.32-\$14,500.00	\$5,027.68-\$0

**STAFF RECOMMENDATION**

Staff recommends a resolution accepting a proposal from Associated Technical Services Ltd (ATS) for the 2018 Water Leak Survey, in the amount of \$9,472.32 for the Leak Detection Phase and a per unit cost for the Leak Location Phase in the amount of \$420.00 per mainline or service leak, and \$95.00 per fire hydrant leak or mainline valve for a total amount not to exceed \$14,500. Associated Technical Services has provided very satisfactory services to the City of Darien in the past.

**ALTERNATE CONSIDERATION**

Not approving this proposal.

**DECISION MODE**

This item will be placed on the October 1, 2018 City Council agenda for formal consideration.

REQUEST FOR QUOTE 2018 WATER LEAK SURVEY PROGRAM  
DEADLINE: SEPTEMBER 7, 2018 @ 11a.m.

2018 COST CENTER ANALYSIS

Competitive Quote Summary					
Vendor	Cost	Package Price	Anticipated Leaks	Estimated Cost for Pinpoint of Leaks for Darien	Total Proposed Costs for City of Darien
Associated Technical Services-Option B-Incentive-Based Proposal	\$9,472.32	\$9,472.32			\$9,472.32
Location Phase-Per leak	0.02 per LF				\$9,472.32
Pinpoint Mainline or Service Line	\$420.00		10	\$4,200.00	\$4,200.00
Fire Hydrant/Main line valve	\$95.00		29	\$1,900.00	\$1,900.00
Total Cost				\$6,100.00	\$6,100.00
Total Cost - Associated Technical Services (ATS)					\$15,572.32
<b>Total Cost Not To Exceed Budget</b>					<b>\$14,500.00</b>
Utility Services Associates, LLC	\$13,079.00	\$13,079.00	N/A	N/A	N/A
Matchpoint Water Asset	\$14,430.00	\$14,430.00	N/A	N/A	N/A
M.E. Simpson Co., Inc.	\$16,595.00	\$16,595.00	N/A	N/A	N/A
Ace Pipe Cleaning, Inc.	\$19,699.00	\$19,699.00	N/A	N/A	N/A

Break Size: 1/16" x 180 Degrees of 360				
Pipe Diameter Per Inch	Daily Loss In Gallons	Price per 1,000 gallon-Wholesale	Annual Loss In Gallons	Annual Cost
2	45,600	\$ 3.32	16,644,000	\$ 55,258.08
4	81,400	\$ 3.32	29,711,000	\$ 98,640.52
6	136,800	\$ 3.32	49,932,000	\$ 165,774.24
8	182,400	\$ 3.32	66,576,000	\$ 221,032.32
10	228,100	\$ 3.32	83,256,500	\$ 276,411.58
12	273,700	\$ 3.32	99,900,500	\$ 331,669.66
16	364,900	\$ 3.32	133,188,500	\$ 442,185.82

Break Size: 1/16" x 360 Degrees				
Pipe Diameter Per Inch	Daily Loss in Gallons	Price per 1,000 gallon	Annual Loss in Gallons	Annual Cost
2	91,100	\$ 3.32	33,251,500	\$ 110,394.98
4	182,500	\$ 3.32	66,612,500	\$ 221,153.50
6	273,600	\$ 3.32	99,864,000	\$ 331,548.48
8	364,800	\$ 3.32	133,152,000	\$ 442,064.64
10	456,200	\$ 3.32	166,513,000	\$ 552,823.16
12	547,400	\$ 3.32	199,801,000	\$ 663,339.32
16	729,900	\$ 3.32	266,413,500	\$ 884,492.82

WATER INVENTORY (LMO) REPORTING YEAR	UNACCOUNTABLE FLOW PERCENTAGE	UNACCOUNTABLE FLOW - GALLONS PER DAY	UNACCOUNTABLE FLOW - GALLONS PER YEAR	WHOLESALE COST PER 1000 GALLONS	WHOLESALE COST
2017	18.20%	389,810	142,281,000	\$ 4.85	-\$690,062.85
2016	14.40%	292,000	106,580,000	\$ 4.80	-\$511,584.00
**2015	14.80%	274,000	100,010,000	\$ 4.85	-\$485,048.50
*2014	4.55%	99,200	94,535,000	\$ 4.68	-\$442,423.80
2013	3.18%	69,200	25,258,000	\$ 3.03	-\$76,531.74
2012	3.76%	89,232	32,569,669	\$ 2.73	-\$88,915.20
2011	1.61%	46,726	17,054,990	\$ 2.73	-\$46,560.12
2010	7.96%	191,000	69,715,000	\$ 2.73	-\$190,321.95
2009	6.40%	153,000	55,845,000	\$ 2.73	-\$152,456.85
2008	3.20%	81,000	29,565,000	\$ 2.73	-\$80,712.45
2007	1.46%	29,900	10,913,500	\$ 2.73	-\$29,793.86
2006	4.91%	102,000	37,230,000	\$ 2.73	-\$101,637.90
2005	3.80%	88,500	32,302,500	\$ 2.73	-\$88,185.83
AVERAGE	5.55%	129,080	47,114,200	\$ 2.73	-\$128,621.77

\* A major leak was identified at Cass Ave and South Frontage Rd-accounting for the increase.  
\*\*New standards implemented for calculations-First standard goal is to be under 12% water loss

**From:** RalphL.Gross  
**To:** Regina Kokkinis  
**Cc:** ralph@ATSLIMITED.com; Dan Gombac  
**Subject:** Re: water leak survey  
**Date:** Tuesday, September 11, 2018 7:01:53 PM

---

Yes, I'm happy to do that. We can mask that work on our end.  
Thanks.

Ralph L. Gross  
Vice President  
Associated Technical Services Ltd.  
Mobile: (630) 935-3435  
Email: [RalphLGross@aol.com](mailto:RalphLGross@aol.com)

Sent from my mobile phone. Feel free to call me if you have any questions.

On Sep 11, 2018, at 3:35 PM, Regina Kokkinis <[rkokkinis@darienil.gov](mailto:rkokkinis@darienil.gov)> wrote:

Hi Mr. Gross,

In reviewing your quote, Dan is asking if you will honor as you have in the past, not to exceed the City's budget of \$14,500.00.

Thank you in advance for your time and consideration regarding this matter,

*Regina Kokkinis*

Administrative Assistant – Municipal Services

City of Darien

630-353-8105

To receive important information from the City of Darien sign up for our electronic newsletter:

DARIEN DIRECT CONNECT

Follow the link and subscribing is simple!

<http://www.darien.il.us/Reference-Desk/DirectConnect.aspx>

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION ACCEPTING A PROPOSAL FROM ASSOCIATED TECHNICAL SERVICES LTD (ATS) FOR THE 2018 WATER LEAK SURVEY, IN THE AMOUNT OF \$9,472.32 FOR THE LEAK DETECTION PHASE AND A PER UNIT COST FOR THE LEAK LOCATION PHASE IN THE AMOUNT OF \$420.00 PER MAINLINE OR SERVICE LEAK, AND \$95.00 PER FIRE HYDRANT LEAK OR MAINLINE VALVE FOR A TOTAL AMOUNT NOT TO EXCEED \$14,500**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** The City Council of the City of Darien hereby authorizes the Mayor and City Clerk to accept a proposal from Associated Technical Services Ltd (ATS) for the 2018 Water Leak Survey, in the amount of \$9,472.32 for the Leak Detection Phase and a per unit cost for the leak location phase in the amount of \$420.00 per mainline or service leak, and \$95.00 per fire hydrant leak or mainline valve for a total amount not to exceed \$14,500, a copy of which is attached hereto as "Exhibit A".

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1st day of October, 2018.**

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1st day of October, 2018.**

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM

\_\_\_\_\_  
CITY ATTORNEY



**CITY OF DARIEN & THE COUNTY OF DUPAGE-SERF SYSTEM  
2018 WATER LEAK SURVEY PROGRAM**

To Whom It May Concern:

The City of Darien is currently seeking quotes for the 2018 Leak Survey Program. The survey will incorporate the following items:

**City of Darien**

- 473,616 Lineal Feet of Various Water Main
- 1,435 Fire Hydrants with Valves
- 451 Main Line Valves in Boxes
- 983 Main Line Valves in Valve Vaults

Total Cost for the City of Darien \$ Please refer to attached proposal.

The 2018 Leak Survey Program will be scheduled for commencement on **October 3, 2018** and will be completed by December 14, 2018. Water main atlases shall be forwarded to the awarded vendor. The basis of award shall be based on the total sum. Upon completion of the survey program 2 detailed reports containing a summary and findings shall be submitted to the City of Darien. The billing shall be directed as follows:

City of Darien  
c/o Municipal Services  
1702 Plainfield Road  
Darien, IL 60561

Contact Person -- Dennis Cable, Municipal Services Water Foreman 630-417-5146 or via e-mail at [dcable@darienil.gov](mailto:dcable@darienil.gov)

The vendor is required to complete the following information:

COMPANY NAME: ATS / ASSOCIATED TECHNICAL SERVICES LTD  
 ADDRESS: 524 W. St. Charles Road, Villa Park, IL 60181  
 TELEPHONE: 630.834.1558 FAX: 630.834.5501  
 E-MAIL ADDRESS: RALPH@ATSLimited.com / CELL 630.935.3435  
 AUTHORIZED SIGNATURE: *Ralph Jones*

Quotes may be sent via facsimile to the City of Darien (630) 852-4709, Attn: Regina Kokkinis or email at [rkokkinis@darienil.gov](mailto:rkokkinis@darienil.gov) AND by no later than **September 7, 2018** 11:00 AM, followed by a mailed original. Should you have any other questions regarding the project, please contact the Municipal Services Department at (630) 353-8105.

City of Darien 1702 Plainfield Road Darien, IL 60561

Office: 630-852-5000 Fax: 630-852-4709 [www.darienil.us](http://www.darienil.us)



### ATS All-Inclusive and Incentive-Based Comprehensive Leak Survey Programs

The **ATS Comprehensive Leak Surveys** are the most thorough and successful leak survey programs in the business on two fronts – **Superior results and Superior Accuracy**.

**All-Inclusive Based Pricing** – The cost of the survey is locked in regardless of how many leaks exist in the system. It's a good choice for those who suspect many leaks and need their total cost locked in.

**Incentive-Based Pricing** gives the City the most flexibility and the opportunity to save money if the water system turns out to be tighter than expected. The City still wins if it ends up that your water system contains many leaks because you won't spend an extra dollar without getting an accurate leak location in return. Since there are no fee guarantees for beyond the detection phase, there is obvious incentive for **ATS** to find as many leaks as possible for you.

### ESTIMATE OF COST – ATS COMPREHENSIVE LEAK SURVEY PROGRAM

**Leak Survey Project Area** – The entire water distribution system that serves the City of Darien. Every mainline valve and fire hydrant will be located and ultrasonically surveyed for leak sounds. For purposes of developing this estimate of cost, we have used the City's estimate of 89.7 lineal miles of water main (**473,616 lineal feet**) as the total amount of water main owned by the City.

Monitored System Appurtenances will include:

- Every Fire Hydrant (**± 1,435**)
- Every accessible Fire Hydrant Auxiliary Valve (**± 1,435**)
- Every accessible Main Line Valve (**± 1,500 valves in boxes and vaults**)
- **± 175** strategically located Customer Service Line Curb Stops (*aka B-Boxes*)
- Approximately **± 4,450** potential points will be ultrasonically surveyed for leak sounds

### ESTIMATE OF COST: Choose the option that suits you best

**Option A: All-Inclusive Proposal** – All detection and pinpointing costs are included.

Detection & Location Phases:

473,616 per lineal feet of water main @ \$ 0.035 per LF = \$ 16,576.56

**Option B: Incentive-Based Proposal** – Only pay for the leaks you actually have.

Detection Phase: 473,616 per lineal feet of water main @ \$ 0.02 per LF = \$ 9,472.32

Location Phase: \$ 420.00 for Every Pinpointed Main Line and Service Line Leak.

\$ 95.00 for Every Fire Hydrant Leak and Main Line Valve Leak.

**Survey Completion Time:** On or before December 14, 2018. We estimate the **Detection Phase** of the survey can be completed in approximately **20** workdays. The duration of the **Location Phase** will depend upon the number of suspect leak sites to investigate and actual number, type and location of those pinpointed leaks. Based upon our past experiences, another **5-7** workdays for pinpointing is possible

**Additional Callout Savings: Discounted Leak Pinpointing for Survey Clients** - While your leak survey is underway any leak or utility location callout, that can be scheduled while we are in town or the next weekday during normal work hours, will be discounted to the \$ 420.00 leak survey rate. This discount represents a savings of at least \$ 250.00 per callout or more from our normal callout charges with round trip mileage. After-hour, Emergency, Holiday and Weekend service calls are charged per our normal basic schedule of prices which we have previously submitted to the City.

**AGENDA MEMO**  
**Municipal Services Committee**  
**September 24, 2018**

**ISSUE STATEMENT**

A resolution authorizing the purchase of the following deicing and anti-icing equipment and products:

**Item 1.** Waive the Competitive Bidding Process and Award the following:

Liquid deicer dispenser and sprayer model CP-50-RC, electrical kit, plumbing kit, and freight costs from GVM Inc. *in an amount not to exceed \$12,647*, (equipment \$8,000, electric kit \$2,612, plumbing kit \$535 and delivery \$1,500)

**Item 2.** 6100 gallon storage tank *in an amount not to exceed \$4,783*, from GVM Inc.

**Item 3.** Deicing and anti-icing chemical product ThermaPoint R

The total cost for the ThermaPoint R would be *in an amount not to exceed \$14,980*, (14,000 gallons x \$1.07/gallon) from Industrial Systems Ltd.

**Item 4.** Anti-icing Equipment-Pre Wet Ice Control Equipment

The total cost for the Pre Wet Ice Control Equipment would be *in an amount not to exceed \$4,995*, from Industrial Systems Ltd.

**Item 5.** Waive the Competitive Bidding Process and Award the following:

The total cost for the pretreated salt GEOMELT 55 would be *in an amount not to exceed \$12,600* (840 tons x \$15/ton) from SNI Solutions.

**BACKGROUND/HISTORY**

Included within the FY18/19 Budget is equipment as it relates to the enhancement of de-icing roadways within the City. There are two distinct snow and ice control strategies that make use of chemical freezing-point effective: de-icing and anti-icing. De-icing operations are performed to break the bond of already bonded snow and ice on the roadway and is commonly initiated only after (1 in) or more of snow has accumulated and bonded to the road. Anti-icing operations are conducted to prevent the formation of bonded snow and ice for easy removal. The benefits of anti-icing are considerable. Pretreating surfaces with ice melter before a storm arrives can increase winter safety, make subsequent snow and ice removal easier and less costly, minimize deicer usage, and reduce the potential for impact on properties and the environment.

**Increased safety**

Applying ice-melting chemicals before or at the start of freezing precipitation prevents formation of bonded ice on pavement, which can help ensure safe passage for pedestrians and motorists from the outset of a storm.

**Reduced deicer use**

The U.S. Environmental Protection Agency (EPA) says effective pretreatments typically require up to 75% less ice melt material throughout the storm cycle compared to deicing after weather events, reducing costs as well as environmental impact.

Labor and cost savings

Pretreating pavement surfaces with ice melter can provide significant labor- and cost-saving benefits. Anti-icing treatment before a storm can often eliminate the need to remove light accumulations and can make removal of heavy snow and ice faster and easier. The residual ice-melting effect of these treatments can reduce the need for subsequent deicing applications after plowing.

Material selection

Material selection depends on many factors, including available equipment, pavement temperatures, and current and expected weather conditions. Anti-icing is a proven way to provide safer conditions for motorists and pedestrians starting at the very outset of a winter storm event. It's also a practical way to help minimize rock salt use, reduce labor and cost, and minimize the impact on properties and the environment before, during and after a storm. It's an effective and practical strategy for municipalities whenever they have advance warning that a storm is on the way.

Staff has reached out to several vendors and has contacted various municipalities regarding equipment, de-icing and anti-icing products and application processes for economical and optimal performance for the City. Staff has determined that the following systems would be the best fit for the City.

**Item 1. Liquid Deicer Dispenser and Sprayer Model CP-50-RC-Attachment 1**

The item includes a pump, spray bar and controllers to pre-wet the salt with a de-icing product. The proposed system is a proprietary product manufactured by GVM Inc. and typically sells for \$8,228. Pricing was negotiated to \$8,000. Additionally the following items are required:

- a. Liquid Deicer Dispenser and Sprayer Model CP-50-RC \$8,000
- b. Electrical Kit CTM-CM-90-Electric-\$2,612
- c. Plumbing Kit \$535
- d. Delivery \$1,500

**Please note delivery includes Item 2 below, which would be awarded to GVM Inc.**

The proposed equipment has a proprietary item referred to as the "spray bar" therefore, additional quotes are not available. Staff had further researched similar systems and upon the department's feedback and review recommend the proposed system for optimal operation for the City.

*The total cost for Item 1 would be an amount not to exceed \$12,647 (Equipment \$8,000, Electrical Kit \$2,612, Plumbing Kit \$535, Delivery \$1,500) from GVM Incorporated.*

**Item 2. 6100 Gallon Storage Tank-Attachment 2**

The item is a 6,100-gallon heavy-duty polyethylene tank to be utilized for the de-icing/anti-icing product. Staff secured the following two quotes for the 6,100-gallon tank.

VENDOR	COST
GVM Inc.	\$4,783
Industrial Systems	\$5,490

*The total cost for Item 2 would be an amount not to exceed \$4,783, for a 6,100-gallon tank from GVM Inc.*

**Item 3. Deicing and Anti-icing Product-Chemical Deicer ThermaPoint R-Attachment 3**

The item is a ready to use deicing and anti-icing liquid inhibitor. Staff secured the following three quotes for the equipment:

VENDOR	PRODUCT	COST PER GALLON
Industrial Systems Ltd	ThermaPoint R	*\$1.07
Midwest Salt	MVP Organic	\$1.59
SNI Solutions	Geomelt S7	\$1.35

The ThermaPoint R product would be utilized for the de-icing and anti-icing operations. Based on an average winter of 21-25 snow frequencies, it has been estimated the City would require approximately 14,000 gallons of the ThermaPoint R product. The benefits for the ThermaPoint R are:

- a. Dark Brown in Color with Mild Odor
- b. Freeze Point of -40 degrees
- c. Promotes a Sustainable and Environmentally Sensitive Enhancement

*The total cost for Item 3 would be an amount not to exceed \$14,980, (14,000 gallons x \$1.07/gallon) for ThermaPoint R from Industrial Systems. \*Quantity subject to change due to weather conditions.*

**Item 4. Anti-Icing Equipment - Pre Wet Ice Control Equipment-Attachment 4**

The item is a Pre Wet Ice Control equipment, including controls and fittings. Staff secured the following three quotes for the equipment:

VENDOR	COST
GVM Incorporated	\$5,856
Industrial Systems Ltd	\$4,995
Midwest Salt	\$5,700

The anti-icing equipment is a standalone equipment to be installed in the back of a non-designated snow vehicle. The equipment and application would be utilized 24 hours in advance of a predicted storm event to prewet collector streets, intersections, hills and curves. The methodology behind this practice is to apply a liquid product, ThermaPoint R, to the abovementioned roadways and break the bond of freezing conditions upon the snowfall. The proposed practice has the ability to reduce initial response time, reducing initial call out time, reduction in an initial salt usage. The reduction in salt usage also promotes positive environmental impacts to streams and lakes.

*The total cost for Item 4 would be an amount not to exceed \$4,995, for the Pre Wet Ice Control Equipment from Industrial Systems Ltd.*

**Item 5. Pretreated Salt GEOMELT 55-Attachment 5**

VENDOR	PRODUCT	COST PER TON
SNI Solutions	GEOMELT 55	*\$15.00

The pretreated salt treatment is an additive that would allow the proposed vendor SNI Solutions to treat approximately 1,000 tons, a third of our annual usage, with a liquid product, GEOMELT 55. The operation would consist of the department removing approximately 1000 tons of rock salt from storage and the vendor would provide the product and application equipment to treat the salt. The salt would then be placed back into storage aside from the non-treated salt. Utilize the salt would further during frigid temperatures where conventional rock salt is less effective. Please note rock salt is effective only to -20 degrees, thus requiring multi applications to break the ice bond to the roadway. The Characteristics of GEOMELT 55 are:

- a. Brown in Color with Mild Odor
- b. Natural Agricultural Product
- c. Freeze Point of -40 degrees
- d. Promotes a Sustainable and Environmentally Sensitive Enhancement
- e. Reduce salt application rates by 30%

*The total cost for Item 5 would be an amount not to exceed \$12,600, (840 tons at \$15/ton) for GEOMELT 55 from SNI Solutions. \*Quantity subject to change due to weather conditions.*

The GEOMELT 55 is a proprietary item and additional quotes are not available. Pending review of the product after the winter season, Staff will determine whether additional treatment of salt should be considered and would be requested for budget consideration. The alternative for the above would be to purchase pre-treated salt at a cost of \$110/ton. Salt pricing for this year is \$67.15/ton.

Upon review of the winter occurrences, Staff will review the cost effectiveness and provide an update to the Snow Operations Policy.

The FY18/19 Budget includes funding for the abovementioned items from the following accounts:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY18/19 BUDGET	EXPENDITURE	BALANCE
01-30-4815	Capital Purchases - Equipment	\$50,000	\$50,005	(\$5.00)

**STAFF RECOMMENDATION**

Staff recommends approval of this resolution as presented for Items 1-5

**ALTERNATE CONSIDERATION**

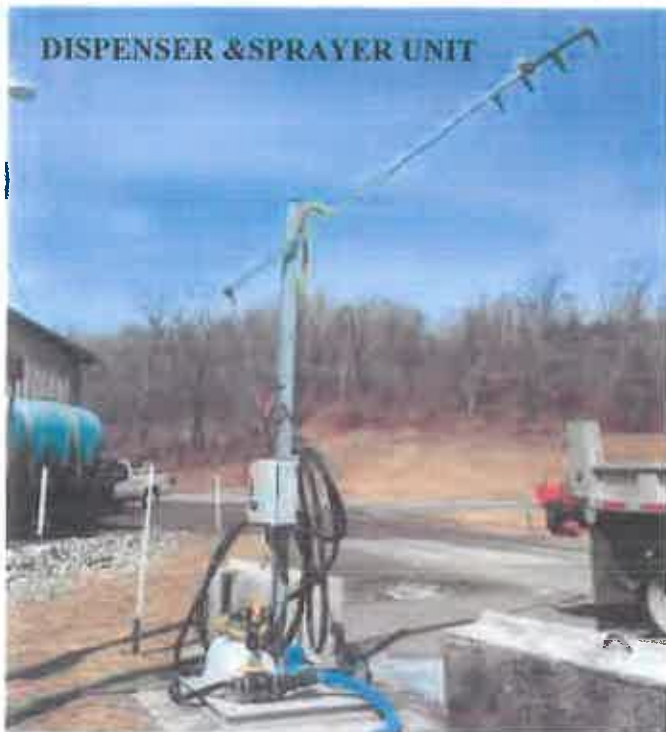
As directed by the Committee.

**DECISION MODE**

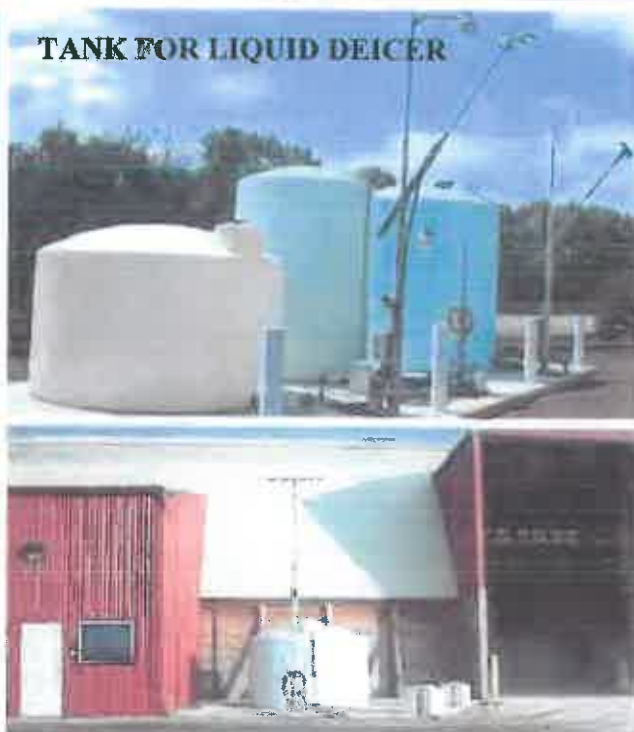
This item will be placed on the October 1, 2018, City Council agenda for formal consideration.

# CALCOTE PEDESTAL SYSTEMS

## PEDESTAL PRE-WET SYSTEM



DISPENSER & SPRAYER UNIT



TANK FOR LIQUID DEICER

GVM's Pedestal Pre-Wet Systems are multi-function liquid de-icer dispensing systems designed to pre-wet truck loads of solid de-icing materials.

Pedestal Pre-Wet Systems allow users to pre-wet multiple truck-loads with only one dispensing system. Pedestal systems are also capable of loading and unloading truck-mounted pre-wet tanks, returning the de-icing liquids to bulk storage tanks, and draining tanks for end-of-season maintenance.



### Systems Include:

- Adjustable height spray bar
- Centrifugal pump, rated flow up to 60 GPM
- Hot dip galvanized steel to meet ASTM specification A123 on base, main body and spray arm

### Options:

- Available in two models: CP-50-RC and CP-101
- Fixed base system or freestanding systems
- Storage tank sizes: 300-10,000 gal.
- Dusk-to-dawn light
- Tank Plumbing to Dispensing Package
- Post-mounted control box
- Remote control for ease of operation, remote control is standard with CP-50-RC
- Linear actuator, for mechanical spray arm adjustment
- Electric ball valve to prevent tank siphoning



 Get Connected:  
 @GVMinc

800-458-9123 - www.gvminc.com

12/14/CP2



Build to Last

# CALCOTE PEDESTAL SYSTEMS

		20-200	20-200
Dimensions	Height	10 ft 4 in. (3.15 m)	17 ft 9 in. (5.4 m)
	Buried Depth		2 ft (0.61 m)
	Spray Arm Height	9 ft 4 in. (2.84 m)	7 ft 4 in. (2.24 m) - 9 ft 4 in. (2.84 m)
	Spray Head (distance from pivot)	8 ft 6 in. (2.59 m)	7 ft 10 in. (2.39 m)
	Pedestal Base	36 x 36 x 3.5 in. (L x W x H)	
Spray Arm	Height Adjustment	Manually controlled hand winch, rated at 800 lb	
	Maximum Height over Truckloads	11 ft 3 in. (3.45 m)	
	Construction	1-1/2 in. galvanized steel pipe	
Spray Head	Plumbing Material	Flexible PVC hose	
	Construction	1-1/2 in. schedule 80 PVC	
Pump and Motor Assembly	Nozzles	(4) brass nozzles, spaced at 15 in. interval, can be configured to meet specific needs	
	Spray Pattern	Rectangular, controlled by 1-1/2 in. poly ball valve connected to the inlet of the spray head	
	Pump Style	Stainless steel centrifugal, 2 in. inlet, 1-1/2 in. outlet	
Electric Controls	Maximum Flow Rate	60 GPM	
	Motor Type	2 hp, 3450 rpm, TEFC 208-230 V single phase	
	Motor Housing	Rotationally molded, UV stabilized, polyethylene enclosure	
	Motor Wiring	Enclosed in LIQUITIGHT flexible conduit with LIQUITIGHT connectors at both ends	
	Housing	Fiberglass NEMA 4X weatherlight enclosure with hinged lid, stainless steel hinged, and stainless steel lockable latch	
Plumbing	External Controls	Power disconnect switch, multiple setting timer, and run/stop buttons for manual operations, located on housing cover	
	Internal Controls	Magnetic motor starter with thermal overload reset, terminal strip, relays, timers, transformer, remote control circuit board (optional), and power disconnect switch	
	Spray Cycle	0 - 120 seconds	2 - 60 seconds
	Recirculation Cycle	30 - 120 minutes	Manual on/off
Options	Electric Service	Customer supplied, 220 V, 20 amp, single phase required	
	Materials	All materials used have shown proven resistance to the corrosive effects of liquid de-icers	
	Load/Unload Hoses	1 in. x 25 ft rubber hose with 1 in. poly valves and quick couple connectors	
Options	Valves	(2) poly 3-way valves provide directional flow to the overhead spray or load/unload hoses	
	Hose Clamps	Stainless steel	
	Serviceability	Manifold style fittings are used for many connections for quick and easy maintenance	
	Tank Plumbing Package	Tank to Dispensing System, includes 2 in. stainless steel tank shutoff valve, 2 in. x 15 ft flexible PVC hose with fittings, from tank to pump suction, 2 in. poly 3-way ball valve with truck fill quick couple for filling bulk storage tank from bulk delivery truck, stainless steel hose clamps, (and poly hose barb fittings. Included also is a 1 in. x 10 ft hose with fittings, coupling, and valve for connection of unloading hose to storage tank.	
	Electric Ball Valve	Required when the storage tank height exceeds 10 ft., to prevent siphoning through the system when the storage tank level exceeds the spray bar height. The valve automatically opens when the pump system is activated and closes when the pump shuts off.	
Options	Linear Actuator	Enables overhead arm to move up and down mechanically, controlled by a two-button transmitter, to accommodate various size trucks with one pump time cycle.	
	Automatic System	Enables the arm to move up and down mechanically, controlled by a three-button transmitter, to accommodate various size trucks with two pump time cycles.	
	Remote Control Lighting	Standard	Wireless remote activates the overhead spray system
		175 watt dusk-to-dawn light with photocell for safer evening operations	



Built to Last

To find a dealer near you, please visit [www.gvminc.com](http://www.gvminc.com).

**GVM SNOW EQUIPMENT**

**QUOTE**

224 East King Street  
 East Berlin PA 17316  
 Phone : 800-458-5123  
 Fax : 717-259-1588

P.O. NO.  
 DATE August 8, 2018  
 CUSTOMER ID City of Darien, Illinois

Attn: Dave Fell  
 Phone:  
 Fax:  
 EMAIL:

SHIPPING METHOD		SHIPPING TERMS	DELIVERY DATE	
QTY	ITEM #	DESCRIPTION	UNIT PRICE	LINE TOTAL
1.00	52-00027	CP-50-RC Dusk to dawn light Linear actuator Electric Ball Valve to prevent siphoning Overhead spray system that can also fill and unload prewet systems	\$8,000.00	\$8,000.00
1.00	52-00146	CTM-CM-90-Electric	\$2,612.00	\$2,612.00
1.00	40661	3100 gallon heavy Duty storage tank Tanks have a 5 year warranty	\$4,248.00	\$4,248.00
1.00	52-00214	Plumbing kit for storage tank- all parts needed to plumb tank for top fill and re-circulation of material in tank	\$535.00	\$535.00
		Freight		\$1,500.00
		Total		\$16,895.00
SUBTOTAL				
SALES TAX				
TOTAL				

*ITEM 1*  
*ITEM 1*  
*ITEM 2*  
*ITEM 1*  
*ITEMS 1 & 2*

Thomas Bair August 8, 2018  
 Authorized by \_\_\_\_\_ Date \_\_\_\_\_





GVM SNOW EQUIPMENT

QUOTE

224 East King Street  
 East Berlin PA 17316  
 Phone : 800-458-5123  
 Fax : 717-259-1588

P.O. NO.  
 DATE August 8, 2018  
 CUSTOMER ID City of Darien, Illinois

Attn: Dave Fell  
 Phone:  
 Fax:  
 EMAIL:

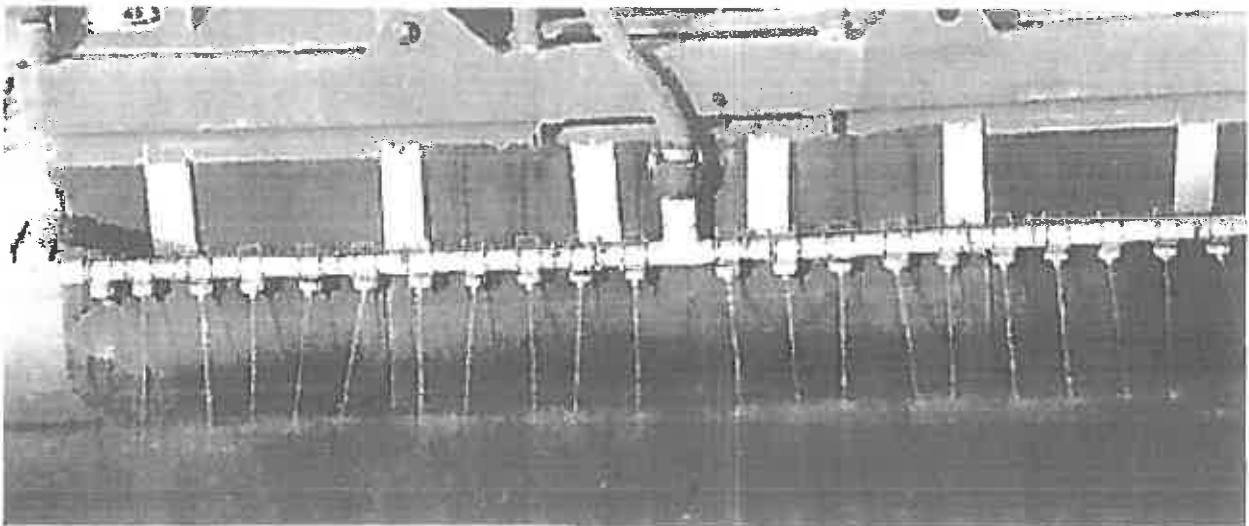
SHIPPING METHOD		SHIPPING TERMS	DELIVERY DATE	
QTY	ITEM #	DESCRIPTION	UNIT PRICE	LINE TOTAL
<del>1.00</del>	<del>52-00027</del>	<del>CP-50-RC Dusk to dawn light Linear actuator Electric Ball Valve to prevent siphoning Overhead spray system that can also fill and unload prewet systems</del>	<del>\$8,000.00</del>	<del>\$8,000.00</del>
<del>1.00</del>	<del>52-00146</del>	<del>CTM-CM-90-Electric</del>	<del>\$2,612.00</del>	<del>\$2,612.00</del>
1.00	40661	6100 gallon heavy Duty storage tank ** Tanks have a 5 year warranty	\$4248.00	\$4248.00
<del>1.00</del>	<del>52-00214</del>	<del>Plumbing kit for storage tank- all parts needed to plumb tank for top fill and re-circulation of material in tank</del>	<del>\$535.00</del>	<del>\$535.00</del>
		Freight		\$1,500.00
		Total		\$10,791.00
SUBTOTAL				
SALES TAX				
TOTAL				

Thomas Bair August 8, 2018

Authorized by Date

# ThermaPoint R

*"Road Ready Organic Polymer Liquid for  
Pre-Wetting, Anti-Icing, & De-Icing"*



## PRODUCT DESCRIPTION

**ThermaPoint R** is the ultimate ready to use winter liquid. Formulated with the **ThermaPoint** Organic Polymer ingredient it performs down to the lowest temperature levels where other brines or Supermix style mixes are turning to ice. It is far more biologically stable than other organics so it doesn't break down or ferment in your tanks. The Organic component in **Thermapoint R** is responsible for two very important aspects of the product; 1.) Due to the high levels of sugars in **Thermapoint** we get very robust corrosion inhibition which when tested per PNS testing protocols was more than 90% less corrosive than rock salt. 2.) The sugars along with the long molecular chains of the Polymer give **ThermaPoint R** a tenacious bond to the road. This residual effect of **Thermapoint R** equates to the product remaining on the pavement longer which ultimately means less product needs to be used for the same level of service.



## APPLICATIONS

**Pre-wetting** – Application rate is 3 -18 gallons / ton of rock salt at the spinner or onto loader bucket when loading truck.

- Melting begins immediately - no waiting for salt to make its own brine. Acts as a liquid accelerator for salt.
- Proven 30% - 50% reduction in salt use due to residual effect of organic and less bounce & scatter.
- 90% + lower corrosion rate than plain rock salt or brines.

**Anti-icing** – Application rate for anti-icing is 20-30 gls / lane mile. For frost prevention use 15-20 gls / lane mile.

- Prevents bonding of snow and ice to pavement.
- Prevents "black ice".
- Has significant residual effect.
- Quick and easy application using spray rig with solid stream nozzles.

**De-icing** – Application rate is 40 gallons per lane mile.

- Melting begins immediately. Melts through up to ½" of dry packed snow using straight stream nozzles where it will spread and break the bond between ice & snow and the road allowing plows to remove it more easily.

## PHYSICAL PROPERTIES

<b>Appearance/Odor:</b> Dark brown liquid with mild odor	<b>Weight:</b> 10.2 – 10.5 lbs / gal
<b>pH:</b> 4.0 – 4.6	<b>Specific Gravity:</b> 1.26 – 1.285
<b>Freeze Point:</b> -40°F.	

**Industrial Systems Ltd. • 112 W. Rt. 120 • Lakemoor IL 60051**  
**P: 815-344-5566 • F: 815-344-5588 • [www.Ice-Melt-Products.com](http://www.Ice-Melt-Products.com)**

Industrial Systems Ltd.  
 112 West Route 120  
 Lakemoor, IL 60051  
 Tel: 815-344-5566 • Fax: 815-344-5588

# ISL Quote

Darien Public Works Attn: David Fell		Date: August 21, 2018	
Darien, IL.		Reference: Liquid De-icer / Anti-icer	
<b>LOCAL* Manufactured, stored &amp; distributed in Chicagoland *LOCAL</b>			
<b>Submitted By</b>	<b>FOB</b>	<b>Delivery</b>	<b>Terms</b>
Steve Adler		Included- Darien, IL.	Net 30 days from delivery

**ThermaPoint R is the hottest & lowest corrosion blend available!**

Quant.	Product Description	Price
4500gl	ThermaPoint R- Road Ready, <i>No mixing!</i> Pre-wetting, anti-icing & de-icing (-40°F) FOR MILD TO SEVERE WEATHER! 90% less corrosive	\$1.07/gl del
2400gl	ThermaPoint R- Road Ready, <i>No mixing!</i>	\$1.10/gl del
990 gl	ThermaPoint R- Road Ready, <i>No mixing!</i>	\$1.15/gl del
4500gl	32% Liquid Calcium Chloride (Liquidow) (-17 F) (add an addition 05¢ per gallon for corrosion inhibitor)	\$0.595/gal delivered
23-24	Tons Bulk Rock Salt (Cargill) <i>*pricing not guaranteed*</i> Delivered	\$100.60/ton
50bg/skid	50-50# bags Professional Ice Melter (4 Chloride blend) Blue (-10°F) <i>2 skid minimum on bagged Ice Melter for price shown</i>	\$8.89/bag

**The following are also available for blending operations**

Defoamer – Biocide – Storage Tanks – Pre-Wet Dispensing System
--

*ThermaPoint* is similar to other organic products except that it has higher levels of sugar allowing for more residual sticking power and a lower corrosion level (90% less corrosive). It is biologically stable without the decaying smell of other microbially unstable products.

**Pricing for half tankers available upon request**

<b>Note</b> Fuel surcharge may apply
<b>Important</b> Prices in effect at time of delivery and subject to availability, unless such time is extended in writing. Quantities shown above are not guaranteed.

Steve Adler

**Industrial Systems Ltd.**  
 112 West Route 120  
 Lakemoor, IL 60051  
 Tel: 815-344-5566 • Fax: 815-344-5588

# ISL Quote

**Darien Public Works**  
**Attn: David Fell**

Darien, IL.

Date:  
**August 21, 2018**

Reference:  
**Liquid De-icer / Anti-icer**

e-mail: [dfell@darienil.gov](mailto:dfell@darienil.gov)

**LOCAL** Manufactured, stored and distributed in Chicagoland **LOCAL**

Submitted By	FOB	Delivery	Terms
Steve Adler		Included	Net 30 days from delivery

**ThermaPoint R is one of the hottest most low corrosion blends available**

Quantity	Product Description	Price
1	200 gallons de-icing unit by <b>Contree Equipment</b>	\$4,995
	<ul style="list-style-type: none"> <li>• 200 Gallon PCO Tank</li> <li>• 200 Gallon Painted Steel Frame</li> <li>• Honda Electric Start Engine</li> <li>• Poly Pump</li> <li>• All Plumbing</li> <li>• Raven Electric Valves for Boom</li> <li>• Raven Control in Cab for Boom</li> <li>• Spray Bar</li> <li>• Banjo Valves</li> <li>• Pressure Gauge on unit</li> <li>• TeeJet Nozzles spaced at your specs</li> <li>• Flashing yellow strobe</li> </ul>	
	Price includes delivery to Darien, IL.	

**Note**  
 Fuel surcharge may apply

**Important**  
 Prices in effect at time of delivery and subject to availability, unless such time is extended in writing.  
 Quantities shown above are not guaranteed.

**Ice-melt-products.com**

Steve Adler



## Product Data Sheet

### GEOMELT® 55 Liquid Organic Accelerator

GEOMELT® 55 Liquid Organic Accelerator is a natural agricultural product that features snow and ice control performance superior to traditional brines, but less corrosive. GEOMELT® 55 is derived from renewable resources providing a sustainable and environmentally sensitive alternative. GEOMELT® 55 will reduce salt application rates by 30% and substantially reduce operating costs.

#### Typical Properties

Appearance	Brown	Wt. / Liter	1.275 kg / liter
Dry Solids	55%	Freeze Point	-40°F(-40°C)
Specific Gravity	1.275	pH	6.0 - 8.5
Wt. / Gal.	10.5 pounds/gal	Water Solubility	Complete

#### Applications

GEOMELT® 55 is highly effective salt or salt / sand stockpile treatment, prewet, anti-icing, deicing, salt stock pile preservation treatment and bulk material freeze proofing. The suggested usage levels should be considered as starting points and should be adjusted based on field operator experience, current local conditions and weather expectations.

#### Salt Stock Pile Preservation Treatment Bulk Material Freeze Proofing



Apply at 5-6 gals/ton (21-25 liters / metric ton)  
Apply at 55% solids no need to dilute with Brines  
Prevents freezing, crusting - salt free flowing  
Prevents hardening over summer  
Will not waste rock salt due to hardening

Freeze proof bulk materials, sand, aggregates  
Prevents freeze up Coal truck or rail shipments  
Prevents coal conveyor freeze buildup  
Non - Chloride, environmentally acceptable  
Reduced corrosion

GEOMELT®55 is produced under U.S. Patent #6,080,330, additional Patents Pending.





205 N. STEWART ST  
GENESECO, IL 61254  
PH: 888-840-5564 FAX: 309-944-4620

[www.snisolutions.com](http://www.snisolutions.com)

## QUOTATION

Mr. David Fell  
Street Division Foreman  
Village of Darien, IL

August 28, 2018

RE: 2018 Winter Liquid Deicer Quote

Dear Mr. Fell;

I just wanted to get you a price quote on treating your bulk salt with Geomelt 55. SNI Solutions would bring in either a pugmill, or belt conveyor to treat the salt. The salt would need to be out of the dome and I would request your two best end loader operators be available to load the salt into the treatment machines. The quoted price includes the liquid needed to treat the salt, SNI equipment, and setup.

Salt Treatment with Geomelt 55: \$15.00/ton treated.

**NOTE: This price quote is based on treating between 800-1000 tons of salt.**

Please contact me with any questions, etc. that you or your staff may have.

Respectfully,  
Steven Ellwood  
Vice President Sales & Marketing  
SNI Solutions  
715-533-2180  
[ellwood@snisolutions.com](mailto:ellwood@snisolutions.com)

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF THE FOLLOWING DEICING AND ANTI-ICING EQUIPMENT AND PRODUCTS:**

- ITEM 1-WAIVE THE COMPETITIVE BIDDING PROCESS AND AWARD THE FOLLOWING: LIQUID DEICER DISPENSER AND SPRAYER MODEL CP-50-RC, ELECTRICAL KIT, PLUMBING KIT, AND FREIGHT COSTS FROM GVM INC. *IN AN AMOUNT NOT TO EXCEED \$12,647, (EQUIPMENT \$8,000, ELECTRIC KIT \$2,612, PLUMBING KIT \$535 AND DELIVERY \$1,500)***
- ITEM 2-6100 GALLON STORAGE TANK *IN AN AMOUNT NOT TO EXCEED \$4,783, FOR A 6,100 GALLON TANK FROM GVM INC.***
- ITEM 3-DEICING AND ANTI-ICING CHEMICAL PRODUCT THERMAPOINT R THE TOTAL COST FOR THE THERMAPOINT R WOULD BE *IN AN AMOUNT NOT TO EXCEED \$14,980, (14,000 GALLONS AT \$1.07/GALLON)* FROM INDUSTRIAL SYSTEMS LTD.**
- ITEM 4-ANTI-ICING EQUIPMENT-PRE WET ICE CONTROL EQUIPMENT, THE TOTAL COST FOR THE PRE WET ICE CONTROL EQUIPMENT WOULD BE *IN AN AMOUNT NOT TO EXCEED \$4,995, FROM INDUSTRIAL SYSTEMS LTD.***
- ITEM 5-WAIVE THE COMPETITIVE BIDDING PROCESS AND AWARD THE FOLLOWING: THE TOTAL COST FOR THE PRETREATED SALT GEOMELT 55 WOULD BE *IN AN AMOUNT NOT TO EXCEED \$12,600 (840 TONS AT \$15/TON)* FROM SNI SOLUTIONS**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** The City Council of the City of Darien hereby authorizes the purchase of the following items; Item 1-waive the competitive bidding process and award the following: liquid deicer dispenser and sprayer model CP-50-RC, electrical kit, plumbing kit, and freight costs from GVM Inc. *in an amount not to exceed \$12,647, (equipment \$8,000, electric kit \$2,612, plumbing kit \$535 and delivery \$1,500)*, Item 2-6100 gallon storage tank *in an amount not to exceed \$4,783, from GVM Inc.* Item 3-deicing and anti-icing chemical product ThermaPoint R the total cost for the ThermaPoint R would be *in an amount not to exceed \$14,980, (14,000 gallons at \$1.07/gallon)* from Industrial Systems Ltd. Item 4-anti-icing equipment-pre wet ice control equipment, the total cost for the pre wet ice control equipment would be *in an amount not to exceed \$4,995, from Industrial Systems Ltd.* Item 5-waive the competitive bidding process and award the following: the total cost for the pretreated salt GEOMELT 55 would be *in an amount not to exceed \$12,600 (840 tons at \$15/ton)* from SNI Solutions, a copy of which is attached hereto as "Exhibit A".

**RESOLUTION NO.** \_\_\_\_\_

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1<sup>st</sup> day of October, 2018.**

**AYES:** \_\_\_\_\_

**NAYS:** \_\_\_\_\_

**ABSENT:** \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1<sup>st</sup> day of October, 2018.**

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

**ATTEST:**

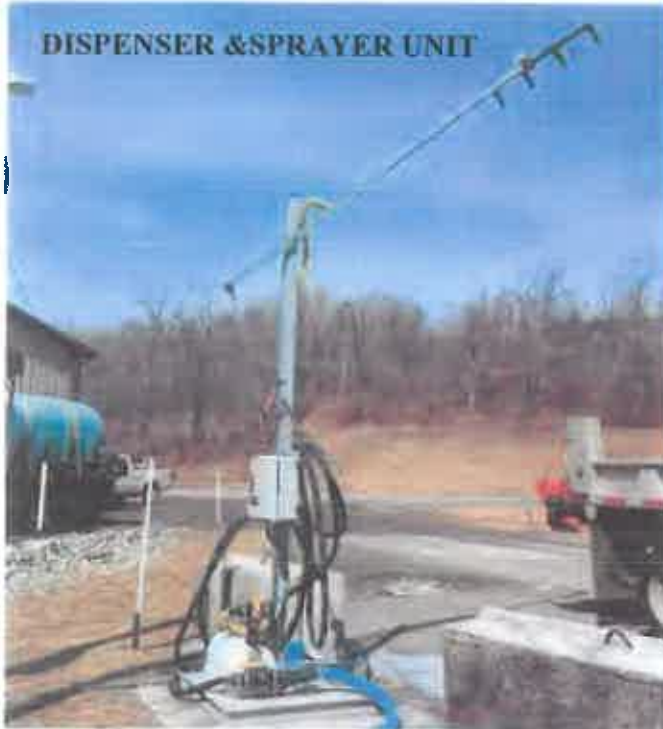
\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

**APPROVED AS TO FORM**

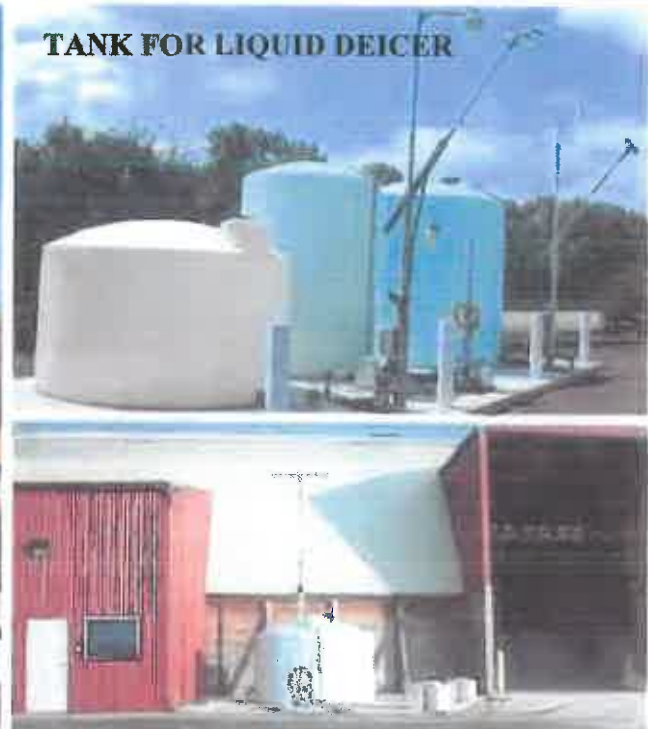
\_\_\_\_\_  
CITY ATTORNEY

# GALCOTE PEDESTAL SYSTEMS

## PEDESTAL PRE-WET SYSTEM



DISPENSER & SPRAYER UNIT



TANK FOR LIQUID DEICER

GVM's Pedestal Pre-Wet Systems are multi-function liquid de-icer dispensing systems designed to pre-wet truck loads of solid de-icing materials.

Pedestal Pre-Wet Systems allow users to pre-wet multiple truck-loads with only one dispensing system. Pedestal systems are also capable of loading and unloading truck-mounted pre-wet tanks, returning the de-icing liquids to bulk storage tanks, and draining tanks for end-of-season maintenance.



### Systems Include:

- Adjustable height spray bar
- Centrifugal pump, rated flow up to 60 GPM
- Hot dip galvanized steel to meet ASTM specification A123 on base, main body and spray arm

### Options:

- Available in two models: CP-50-RC and CP-101
- Fixed base system or freestanding systems
- Storage tank sizes: 300-10,000 gal.
- Dusk-to-dawn light
- Tank Plumbing to Dispensing Package
- Post-mounted control box
- Remote control for ease of operation, remote control is standard with CP-50-RC
- Linear actuator, for mechanical spray arm adjustment
- Electric ball valve to prevent tank siphoning



 Get Connected  
 GVM Incorporated  
 800-458-6123 • www.gvminc.com

2014, 000



Built to Last

# Calcote Pedestal Systems

		115-100	115-101
Dimensions	Height	10 ft 4 in. (3.15 m)	17 ft 9 in. (5.4 m)
	Buried Depth	—	2 ft (0.61 m)
	Spray Arm Height	9 ft 4 in. (2.84 m)	7 ft 4 in. (2.24 m) - 8 ft 4 in. (2.54 m)
	Spray Head (distance from pivot)	8 ft 6 in. (2.59 m)	7 ft 10 in. (2.38 m)
Padestal Base	36 x 36 x 3.5 in. (L x W x H)		
Spray Arm	Height Adjustment	Manually controlled hand winch, rated at 800 lb	
	Maximum Height over Truckloads	11 ft 3 in. (3.45 m)	
Spray Head	Construction	1-1/4 in. galvanized steel pipe	
	Plumbing Material	Flexible PVC hose	
Spray Head	Construction	1-1/2 in. schedule 80 PVC	
	Nozzles	(4) brass nozzles, spaced at 15 in. interval, can be configured to meet specific needs	
Pump and Motor Assembly	Spray Pattern	Rectangular, controlled by 1-1/2 in. poly ball valve connected to the inlet of the spray head	
	Pump Style	Stainless steel centrifugal, 2 in. inlet, 1-1/2 in. outlet	
Electric Controls	Maximum Flow Rate	60 GPM	
	Motor Type	2 hp, 3450 rpm, TEFC 208-230 V single phase	
Electric Controls	Motor Housing	Rotationally molded, UV stabilized, polyethylene enclosure	
	Motor Wiring	Enclosed in LIQUITIGHT flexible conduit with LIQUITIGHT connectors at both ends	
Electric Controls	Housing	Fiberglass NEMA 4X weathertight enclosure with hinged lid, stainless steel hinged, and stainless steel lockable latch	
	External Controls	Power disconnect switch, multiple setting timer, and run/stop buttons for manual operations, located on housing cover	
Electric Controls	Internal Controls	Magnetic motor starter with thermal overload reset, terminal strip, relays, timers, transformer, remote control circuit board (optional), and power disconnect switch	
	Spray Cycle	0 - 120 seconds	2 - 60 seconds
Electric Controls	Recirculation Cycle	30 - 120 minutes	Manual on/off
	Electric Service	Customer supplied, 220 V, 20 amp, single phase required	
Plumbing	Materials	All materials used have shown proven resistance to the corrosive effects of liquid de-icers	
	Load/Unload Hoses	1 in. x 25 ft rubber hose with 1 in. poly valves and quick couple connectors	
Plumbing	Valves	(2) poly 3-way valves provide directional flow to the overhead spray or load/unload hoses	
	Hose Clamps	Stainless steel	
Plumbing	Serviceability	Manifold style fittings are used for many connections for quick and easy maintenance	
	Tank Plumbing Package	Tank to Dispensing System, includes 2 in. stainless steel tank shutoff valve, 2 in. x 15 ft flexible PVC hose with fittings, from tank to pump suction, 2 in. poly 3-way ball valve with truck fill quick couple for filling bulk storage tank from bulk delivery truck, stainless steel hose clamps, and poly hose barb fittings. Included also is a 1 in. x 10 ft hose with fittings, coupling, and valve for connection of unloading hose to storage tank.	
Options	Electric Ball Valve	Required when the storage tank height exceeds 10 ft., to prevent siphoning through the system when the storage tank level exceeds the spray bar height. The valve automatically opens when the pump system is activated and closes when the pump shuts off.	
	Linear Actuator	Enables overhead arm to move up and down mechanically, controlled by a two-button transmitter, to accommodate various size trucks with one pump time cycle.	
Options	Automatic System	Enables the arm to move up and down mechanically, controlled by a three-button transmitter, to accommodate various size trucks with two pump time cycles.	
	Remote Control	Standard	Wireless remote activates the overhead spray system
Options	Lighting	175 watt dusk-to-dawn light with photocell for safer evening operations	



Built to Last

To find a dealer near you, please visit [www.gvmlinc.com](http://www.gvmlinc.com)

**GVM SNOW EQUIPMENT**

**QUOTE**

224 East King Street  
 East Berlin PA 17316  
 Phone : 800-458-5123  
 Fax : 717-259-1588

P.O. NO.  
 DATE August 8, 2018  
 CUSTOMER ID City of Darien, Illinois

Attn: Dave Fell  
 Phone:  
 Fax:  
 EMAIL:

SHIPPING METHOD		SHIPPING TERMS	DELIVERY DATE	
QTY	ITEM #	DESCRIPTION	UNIT PRICE	LINE TOTAL
1.00	52-00027	CP-50-RC Dusk to dawn light Linear actuator Electric Ball Valve to prevent siphoning * Overhead spray system that can also fill and unload prewet systems	\$8,000.00	\$8,000.00
1.00	52-00146	CTM-CM-90-Electric	\$2,612.00	\$2,612.00
1.00	40661	6100 gallon heavy Duty storage tank ** Tanks have a 5 year warranty	\$4,248.00	\$4,248.00
1.00	52-00214	Plumbing kit for storage tank- all parts needed to plumb tank for top fill and re-circulation of material in tank	\$535.00	\$535.00
		Freight		\$1,500.00
		Total		\$16,895.00
SUBTOTAL				
SALES TAX				
TOTAL				

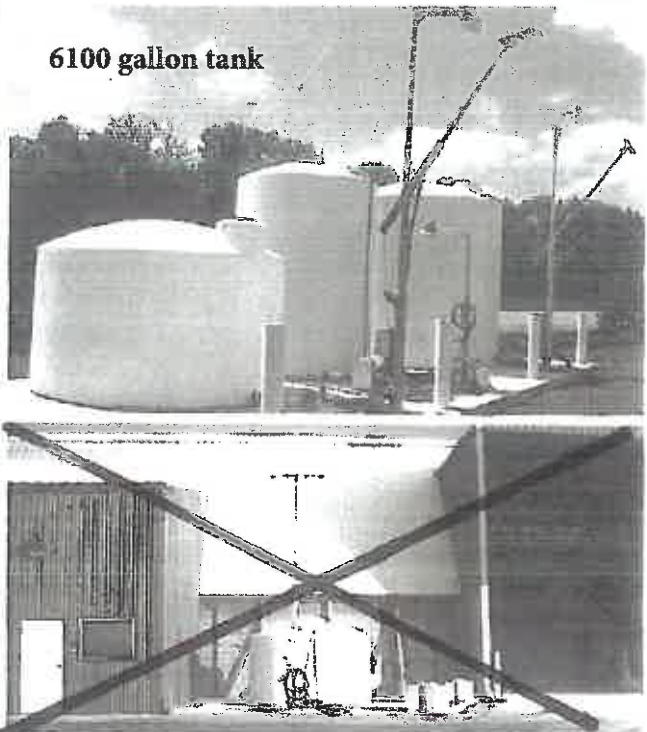
*ITEM 1*  
*ITEM 1*  
*ITEM 2*  
*ITEM 1*  
*ITEMS 1+2*

Thomas Bair August 8, 2018

Authorized by \_\_\_\_\_ Date \_\_\_\_\_

# Calcote Pedestal Systems

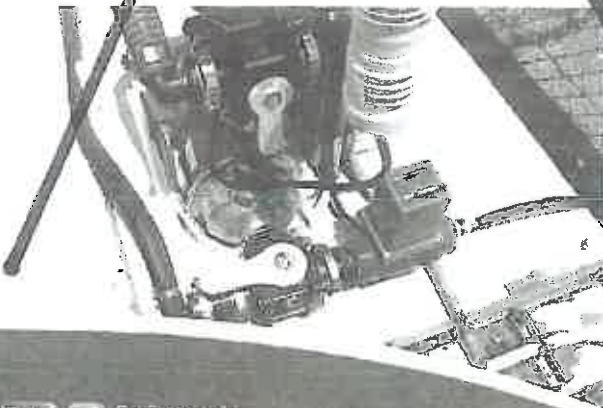
## PEDESTAL PRE-WET SYSTEM



6100 gallon tank

GVM's Pedestal Pre-Wet Systems are multi-function liquid de-icer dispensing systems designed to pre-wet truck loads of solid de-icing materials.

Pedestal Pre-Wet Systems allow users to pre-wet multiple truck loads with only one dispensing system. Pedestal systems are also capable of loading and unloading truck-mounted pre-wet tanks, returning the de-icing liquids to bulk storage tanks, and draining tanks for end-of-season maintenance.



### Systems Include:

- Adjustable height spray bar
- Centrifugal pump, rated flow up to 60 GPM
- Hot dip galvanized steel to meet ASTM specification A123 on base, main body and spray arm

### Options:

- Available in two models: CP-50-RC and CP-101
- Fixed base system or freestanding systems

• Storage tank sizes: 300-10,000 gal.

- Tank-to-dawn light
- Tank Plumbing to Dispensing Package
- Post-mounted control box
- Remote control for ease of operation, remote control is standard with CP-50-RC
- Linear actuator, for mechanical spray arm adjustment
- Electric ball valve to prevent tank siphoning

YouTube



Get connected  
to GVM Incorporated

800-458-5123 • www.gvminc.com

www.gvm.com



Built to Last

**GVM SNOW EQUIPMENT**

**QUOTE**

224 East King Street  
 East Berlin PA 17316  
 Phone : 800-458-5123  
 Fax : 717-259-1588

P.O. NO.  
 DATE August 8, 2018  
 CUSTOMER ID City of Darien, Illinois

Attn: Dave Fell  
 Phone:  
 Fax:  
 EMAIL:

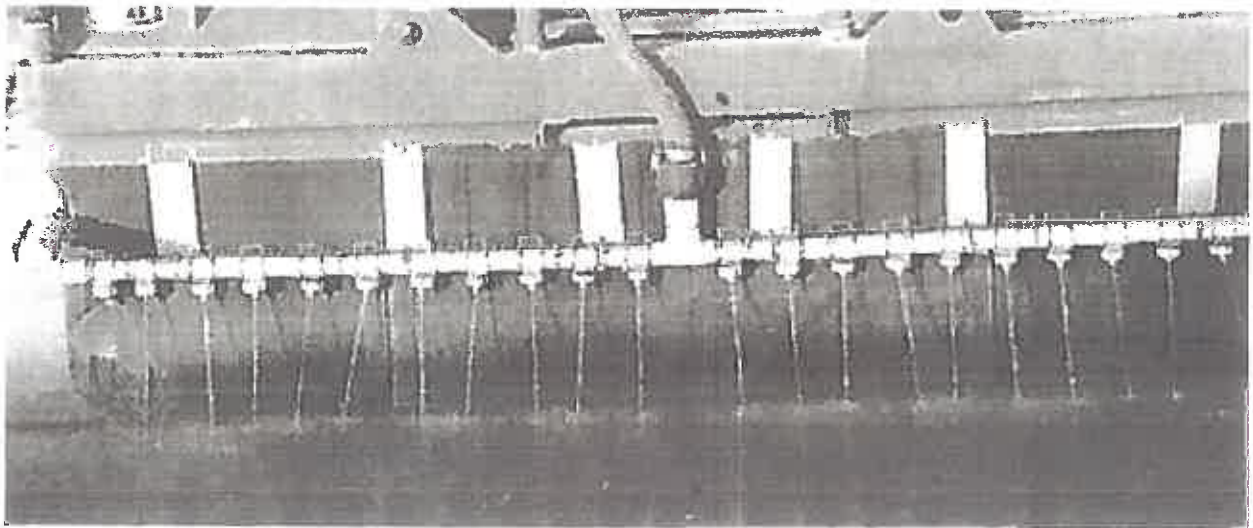
SHIPPING METHOD		SHIPPING TERMS	DELIVERY DATE	
QTY	ITEM #	DESCRIPTION	UNIT PRICE	LINE TOTAL
<del>1.00</del>	<del>52-00027</del>	<del>CP-50-RC Dusk to dawn light Linear actuator Electric Ball Valve to prevent siphoning Overhead spray system that can also fill and unload prewet systems</del>	<del>\$8,000.00</del>	<del>\$8,000.00</del>
<del>1.00</del>	<del>52-00146</del>	<del>CTM-CM-90-Electric</del>	<del>\$2,612.00</del>	<del>\$2,612.00</del>
1.00	40661	6100 gallon heavy Duty storage tank ** Tanks have a 5 year warranty	\$ 4248.00	\$ 4248.00
<del>1.00</del>	<del>52-00214</del>	<del>Plumbing kit for storage tank- all parts needed to plumb tank for top fill and re-circulation of material in tank</del>	<del>\$535.00</del>	<del>\$535.00</del>
		Freight		\$1,500.00
		Total		\$7,248.00
SUBTOTAL				
SALES TAX				
TOTAL				

Thomas Bair August 8, 2018  
 Authorized by \_\_\_\_\_ Date \_\_\_\_\_



# ThermaPoint R

*"Road Ready Organic Polymer Liquid for  
Pre-Wetting, Anti-Icing, & De-Icing"*



## PRODUCT DESCRIPTION

**ThermaPoint R** is the ultimate ready to use winter liquid. Formulated with the **ThermaPoint** Organic Polymer ingredient it performs down to the lowest temperature levels where other brines or Supermix style mixes are turning to ice. It is far more biologically stable than other organics so it doesn't break down or ferment in your tanks. The Organic component in **Thermapoint R** is responsible for two very important aspects of the product: 1.) Due to the high levels of sugars in **Thermapoint** we get very robust corrosion inhibition which when tested per PNS testing protocols was more than 90% less corrosive than rock salt. 2.) The sugars along with the long molecular chains of the Polymer give **ThermaPoint R** a tenacious bond to the road. This residual effect of **Thermapoint R** equates to the product remaining on the pavement longer which ultimately means less product needs to be used for the same level of service.



## APPLICATIONS

**Pre-wetting** – Application rate is 3 -18 gallons / ton of rock salt at the spinner or onto loader bucket when loading truck.

- Melting begins immediately - no waiting for salt to make its own brine. Acts as a liquid accelerator for salt.
- Proven 30% - 50% reduction in salt use due to residual effect of organic and less bounce & scatter.
- 90% + lower corrosion rate than plain rock salt or brines.

**Anti-icing** – Application rate for anti-icing is 20-30 gls / lane mile. For frost prevention use 15-20 gls / lane mile.

- Prevents bonding of snow and ice to pavement.
- Prevents "black ice".
- Has significant residual effect.
- Quick and easy application using spray rig with solid stream nozzles.

**De-icing** – Application rate is 40 gallons per lane mile.

- Melting begins immediately. Melts through up to ½" of dry packed snow using straight stream nozzles where it will spread and break the bond between ice & snow and the road allowing plows to remove it more easily.

## **PHYSICAL PROPERTIES**

**Appearance/Odor:** Dark brown liquid with mild odor

**Weight:** 10.2 – 10.5 lbs / gal

**pH:** 4.0 – 4.6

**Specific Gravity:** 1.26 – 1.285

**Freeze Point:** -40°F.

**Industrial Systems Ltd. • 112 W. Rt. 120 • Lakemoor IL 60051**  
**P: 815-344-5566 • F: 815-344-5588 • [www.ice-melt-products.com](http://www.ice-melt-products.com)**

Industrial Systems Ltd.  
 112 West Route 120  
 Lakemoor, IL 60051  
 Tel: 815-344-5566 • Fax: 815-344-5588

# ISL Quote

<b>Darien Public Works</b> <b>Attn: David Fell</b>  Darien, IL.		<b>Date:</b> <b>August 21, 2018</b>	
		<b>Reference:</b> <b>Liquid De-icer / Anti-icer</b>	
<b>LOCAL * Manufactured, stored &amp; distributed in Chicagoland * LOCAL</b>			
<b>Submitted By</b>	<b>FOB</b>	<b>Delivery</b>	<b>Terms</b>
Steve Adler		Included- Darien, IL.	Net 30 days from delivery

**ThermaPoint R is the hottest & lowest corrosion blend available!**

Quant.	Product Description	Price
4500gl	<b>ThermaPoint R- Road Ready, No mixing ! Pre-wetting, anti-icing &amp; de-icing (-40°F) FOR MILD TO SEVERE WEATHER! 90% less corrosive</b>	\$1.07/gl del
2490gl	<b>ThermaPoint R- Road Ready, No mixing !</b>	\$1.10/gl del
990 gl	<b>ThermaPoint R- Road Ready, No mixing !</b>	\$1.15/gl del
4500gl	32% Liquid Calcium Chloride (Liquidow) (-17 F) (add an addition 05¢ per gallon for corrosion inhibitor)	\$0.595/gal delivered
23-24	Tons Bulk Rock Salt (Cargill) <i>*pricing not guaranteed*</i> Delivered	\$100.60/ton
50bg/skid	50-50# bags Professional Ice Melter (4 Chloride blend) Blue (-10°F) <i>2 skid minimum on bagged Ice Melter for price shown</i>	\$8.89/bag
<b>The following are also available for blending operations</b>		
Defoamer – Biocide – Storage Tanks – Pre-Wet Dispensing System		

*ThermaPoint is similar to other organic products except that it has higher levels of sugar allowing for more residual sticking power and a lower corrosion level (90% less corrosive). It is biologically stable without the decaying smell of other microbially unstable products.*

**Pricing for half tankers available upon request**

<p><b>Note</b>          Fuel surcharge may apply</p>
<p><b>Important</b>          Prices in effect at time of delivery and subject to availability, unless such time is extended in writing.          Quantities shown above are not guaranteed.</p>

Steve Adler

**Industrial Systems Ltd.**  
 112 West Route 120  
 Lakemoor, IL 60051  
 Tel: 815-344-5566 • Fax: 815-344-5588

# ISL Quote

**Darien Public Works**  
**Attn: David Fell**  
  
 Darien, IL.

**Date:**  
**August 21, 2018**  
  
**Reference:**  
**Liquid De-icer / Anti-icer**

e-mail: [dfell@darienil.gov](mailto:dfell@darienil.gov)

**LOCAL** Manufactured, stored and distributed in Chicago land **LOCAL**

Submitted By	FOB	Delivery	Terms
Steve Adler		Included	Net 30 days from delivery

**ThermaPoint R is one of the hottest most low corrosion blends available**

Quantity	Product Description	Price
1	200 gallons de-icing unit by <b>Contree Equipment</b>	\$4,995
	<ul style="list-style-type: none"> <li>• 200 Gallon PCO Tank</li> <li>• 200 Gallon Painted Steel Frame</li> <li>• Honda Electric Start Engine</li> <li>• Poly Pump</li> <li>• All Plumbing</li> <li>• Raven Electric Valves for Boom</li> <li>• Raven Control in Cab for Boom</li> <li>• Spray Bar</li> <li>• Banjo Valves</li> <li>• Pressure Gauge on unit</li> <li>• TeeJet Nozzles spaced at your specs</li> <li>• Flashing yellow strobe</li> </ul>	
	Price includes delivery to Darien, IL.	

**Note**  
 Fuel surcharge may apply

**Important**  
 Prices in effect at time of delivery and subject to availability, unless such time is extended in writing.  
 Quantities shown above are not guaranteed.

[Ice-melt-products.com](http://Ice-melt-products.com)

Steve Adler



## Product Data Sheet

# GEOMELT® 55 Liquid Organic Accelerator

GEOMELT® 55 Liquid Organic Accelerator is a natural agricultural product that features snow and ice control performance superior to traditional brines, but less corrosive. GEOMELT® 55 is derived from renewable resources providing a sustainable and environmentally sensitive alternative. GEOMELT® 55 will reduce salt application rates by 30% and substantially reduce operating costs.

### Typical Properties

<b>Appearance</b>	Brown	<b>Wt. / Liter</b>	1.275 kg / liter
<b>Dry Solids</b>	55%	<b>Freeze Point</b>	-40°F(-40°C)
<b>Specific Gravity</b>	1.275	<b>pH</b>	6.0 - 8.5
<b>Wt. / Gal.</b>	10.5 pounds/gal	<b>Water Solubility</b>	Complete

### Applications

GEOMELT® 55 is highly effective salt or salt / sand stockpile treatment, prewet, anti-icing, deicing, salt stock pile preservation treatment and bulk material freeze proofing. The suggested usage levels should be considered as starting points and should be adjusted based on field operator experience, current local conditions and weather expectations.

### Salt Stock Pile Preservation Treatment Bulk Material Freeze Proofing



Apply at 5-6 gals/ton (21-25 liters / metric ton)  
Apply at 55% solids no need to dilute with Brines  
Prevents freezing, crusting - salt free flowing  
Prevents hardening over summer  
Will not waste rock salt due to hardening

Freeze proof bulk materials, sand, aggregates  
Prevents freeze up Coal truck or rail shipments  
Prevents coal conveyor freeze buildup  
Non - Chloride, environmentally acceptable  
Reduced corrosion

GEOMELT®55 is produced under U.S.Patent #6,080,330, additional Patents Pending.



205 N. STEWART ST  
GENESEO, IL 61254  
PH: 888-840-5564 FAX: 309-944-4620

[www.snisolutions.com](http://www.snisolutions.com)

## QUOTATION

Mr. David Fell  
Street Division Foreman  
Village of Darien, IL

August 28, 2018

RE: 2018 Winter Liquid Deicer Quote

Dear Mr. Fell;

I just wanted to get you a price quote on treating your bulk salt with Geomelt 55. SNI Solutions would bring in either a pugmill, or belt conveyor to treat the salt. The salt would need to be out of the dome and I would request your two best end loader operators be available to load the salt into the treatment machines. The quoted price includes the liquid needed to treat the salt, SNI equipment, and setup.

Salt Treatment with Geomelt 55: \$15.00/ton treated.

**NOTE: This price quote is based on treating between 800-1000 tons of salt.**

Please contact me with any questions, etc. that you or your staff may have.

Respectfully,  
Steven Ellwood  
Vice President Sales & Marketing  
SNI Solutions  
715-533-2180  
[ellwood@snisolutions.com](mailto:ellwood@snisolutions.com)

**AGENDA MEMO**  
**Municipal Services Committee**  
**September 24, 2018**

**ISSUE STATEMENT**

A resolution accepting a proposal from Allied Door Inc., for the removal and replacement of five (5) garage bay doors, hardware and including motor controllers, at the Public Works Facility, located at 1041 South Frontage Road in an amount not to exceed \$26,349.82.

**BACKGROUND**

The existing five (5) garage doors are located on the southern side of the facility and continue to have numerous repairs with ongoing sections of panel replacements and/or hardware from normal wear and tear. The doors and operators continue to have maintenance issues and have served their useful life. The department is requesting to replace the remaining 5 of the 14 bay doors with new doors, hardware and motor operators.

The scope of work includes to furnish new energy efficient doors and corrosion resistant hardware. Staff solicited for competitive quotes and received the following 4 quotes;

VENDOR	COST
<b>Allied Garage Door Inc.</b>	<b>\$26,349.82</b>
American Door and Dock	No bid submitted
Builders Chicago Corporation	\$33,956.00
On Track Overhead Doors, Inc.	\$26,363.00

The FY 18/19 Budget included funding for the removal and replacement of specific garage doors, hardware and motor controllers.

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 18-19 BUDGET	PROPOSED EXPENDITURE	PROPOSED BALANCE
01-30-4223	Maintenance Building-Garage Doors	\$ 14,000.00	\$ 13,174.91	\$ 825.09
02-50-4223	Maintenance Building-Garage Doors	\$ 14,000.00	\$ 13,174.91	\$ 825.09

**STAFF RECOMMENDATION**

Staff recommends approval of the resolution authorizing the purchase from Allied Door Inc., for the removal and replacement of five (5) garage bay doors, hardware and including motor controllers, at the Public Works Facility, located at 1041 South Frontage Road in an amount not to exceed \$26,349.82.

**ALTERNATE CONSIDERATION**

As directed by the Committee

**DECISION MODE**

This item will be placed on the October 1, 2018 City Council agenda for formal consideration.



**RESOLUTION NO.** \_\_\_\_\_

**A RESOLUTION ACCEPTING A PROPOSAL FROM ALLIED DOOR INC., FOR THE REMOVAL AND REPLACEMENT OF FIVE (5) GARAGE BAY DOORS, HARDWARE AND INCLUDING MOTOR CONTROLLERS, AT THE PUBLIC WORKS FACILITY, LOCATED AT 1041 SOUTH FRONTAGE ROAD IN AN AMOUNT NOT TO EXCEED \$26,349.82.**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** The City Council of the City of Darien hereby authorizes the Mayor and City Clerk to accept a proposal from Allied Door Inc., for the removal and replacement of five (5) garage bay doors, hardware and including motor controllers, at the Public Works Facility, located at 1041 South Frontage Road in an amount not to exceed \$26,349.82, a copy of which is attached hereto as "**Exhibit A**".

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1<sup>st</sup> day of October, 2018.**

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 1<sup>st</sup> day of October, 2018.**

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM

\_\_\_\_\_  
CITY ATTORNEY



**MINUTES  
CITY OF DARIEN  
MUNICIPAL SERVICES COMMITTEE MEETING  
August 27, 2018**

**PRESENT:** Alderman Joseph Marchese–Chairman, Alderman Thomas Belczak (7:32 p.m.), Alderman Thomas Chlystek, Dan Gombac – Director, Steve Manning – City Planner

**OTHERS:** Mayor Kathleen Weaver, City Attorney John Murphy

**ABSENT:** None

**ESTABLISH QUORUM**

Chairman Joseph Marchese called the meeting to order at 6:30 p.m. at City Hall Council Chambers, Darien, Illinois and declared a quorum present. He announced that those wishing to present public comment would be limited to three minutes.

**OLD BUSINESS**

- a. **PZC 2018-04: 6926 Crest Road: Petitioners seek approval of a variation to the Darien Zoning Code for side yard setback for a proposed attached garage to their home at 6926 Crest Road.**

Chairperson Marchese announced that PZC 2018-04 would not be discussed as the petitioner was not able to be present.

**NEW BUSINESS**

- a. **1035 S Frontage Road: Petitioner seeks approval of a variation to the Darien Zoning Code for building height for their proposed office/warehouse and approval of final site plan.**

Mr. Steve Manning, City Planner reported that that Sterling Bay who has contracted to purchase three lots is proposing to build an office/warehouse in the permitted I-1 District. He reported that the site is presently unused with two small buildings for office and truck maintenance and parking spaces in front.

Mr. Manning reported that the petitioner is seeking approval for a building height of 39 feet where 35 feet is required. He reported that at the July 18, 2018 Planning & Zoning Committee meeting they voted 6-0 recommending approval of the variance height with the review of the final site plan at the Municipal Services Committee. Mr. Manning reported that the Committee received the site plan and that the petitioner is present.

Mr. Dan Gombac, Director reported that the variance is only for height and that the wetland areas still need to be reviewed by DuPage County.

Chairman Marchese stated that there were concerns regarding traffic flow. He asked if KLOA could present the traffic study to the public.

Mr. Luay Aboona, President KLOA, Inc. reported that they performed the traffic study and stated that all truck traffic will be restricted to Cass Avenue. He reported that presently there is a sign posted restricting truck traffic.

Mr. Aboona reported that they looked at Cass Avenue and South Frontage Road and that there will not be a significant impact and that they do not anticipate changes in traffic and no need for signals. He reported that they focused on the peak hours of 7:45 – 8:45 am and 4:45 – 5:45 pm recording traffic movement and that the impact was not significant.

Chairman Marchese questioned how truck movement on Cass to the east will be enforced.

Mr. Aboona stated that there is sign posted and also signage on the property as trucks exit. He explained that truckers have no advantage to going east because of the difficult maneuver.

Chairperson Marchese stated that there is a great unknown as to who is going to go into the facility. He questioned how they estimate numbers.

Mr. Aboona stated that they look at the size, parking spaces and truck docks and use published data trip generation and what fits for the use. He stated that there are many studies of similar proposals.

Mr. Jeff Fisher, Real Estate Broker representing the petitioner reported that the cubic height of the building represents less traffic and more storage. He stated that the numbers depend on the use.

Alderman Chlystek stated that local truckers that are paid for time may use Google Maps to bypass traffic and that he is not convinced that side roads will not be used to get to the site.

Mr. Aboona stated that the truck drivers are likely to use Cass and that they have no interest to cut through a residential area because it is too tight. He reported that that they build traffic 5-6 years in the future with 18% overlay and traffic now is significantly less. He further reported that based on the published data and surveys of dozens of developments that he believes the number will not vary by much.

Chairman Marchese stated that there were environmental concerns for WaterFall Glen and that DuPage County Forest Preserve District is concerned with the parking lot composition and lighting.

Mr. Al Zocker, Premier Design stated that they were aware of the concerns raised by the Forest Preserve. He reported that the light poles will be on the opposite side with no impact and that they will install motion sensors which if no motion lights are off.

Mr. Brett Tucker, SpaceCo reported that there will be curb and gutter and asphalt with a concrete apron and that the stormwater detention will be on the south and east side with the site draining southwest to the existing storm sewer. He reported that there will be a site detention wetland with a bottom that will filter the water to come out cleaner.

Mr. Dan Gombac, Director reported that the petitioner has to follow the best management practices for capturing muddy waters.

Alderman Chlystek questioned oil spillage.

Mr. Tucker reported that they always try to contain the spillage but if spillage occurs it will be filtered through the wetland basin. He stated that runoff will not be going to the wetland.

Alderman Chlystek questioned the capacity for significant rain event.

Mr. Tucker reported that the capacity is designed to accommodate a 100 year storm and capture more than what is captured there now.

Alderman Chlystek stated that he researched Sterling Bay showing unique innovative projects. He questioned if there were any other possibilities to do something else.

Mr. Matt Lucas, Sterling Bay, Project Manager stated that they are a diverse management firm and that they created an industrial division which includes a lot of talent. Mr. Lucas stated that the property is zoned industrial and that they will build a Class A facility with heavy landscaping using the best practice and same standard of quality as a Google or a McDonald's. He stated that they do a feasibility analysis and that the development will benefit the site beyond what was there previously.

Chairman Marchese stated that he too did research and found a quote from Sterling Bay's Lincoln Yard site stating, "potential to transfer old manufacturing property into a new urban destination". He stated that WaterFall Glen is a special place to the community and questioned why not look at this the same way.

Mr. Lucas stated that the Lincoln Yard demands are on a different scale with different demographics. He stated that this proposal is a very appropriate use for the site.

There was some discussion regarding the property grade and cell tower service.

Mr. Gombac reported that the cellular antennas are higher than the building.

A resident stated that he collected signatures of residents against the proposal. He stated that homeowners are concerned about who will be conducting business and asked that the Committee slow things down and give 2,000 people some answers. He questioned how many residents the petitioner has spoken to and noted that the public notice was not displayed properly and that it was posted on a bucket.

Mr. Steve Delurgio provided a handout of traffic counts to the Committee noting that the type of businesses will generate more than 287 trips per day. He stated that he does not want congestion and thousands of cars if an Amazon or Amazon type company moves into the site. Mr. Delurgio stated that the documentation in his handout shows double trips for 31 docks.

Mr. Dan Hebreard, DuPage County Forest Preserve Ranger stated that WaterFall Glen has 10,000 visitors a year and that visitors will have no place to go. He stated that the area is underdeveloped and it would be a great idea to develop WaterFall Glen and make it great for families to go.

Mr. Patrick Donahue questioned if there was a sound study done. He stated that usually trucks leave their engines on all day long. He further stated that this development is nothing special and

that there are very strict laws for oil spillage which will end up in the detention ponds. Mr. Donahue also stated that asphalt is not the best for the environment.

A Darien resident questioned who will pay for the damage of the infrastructure and questioned if the City is prepared to handle the hazardous noise pollution. She stated that retail will bring in more dollars and benefit Darien and that this development will lower property value. She further stated that the City should work with the Forest Preserve and create a WaterFall Glen District.

Mr. Brian Gaetto stated that he walked the property and that there is no access to the Forest Preserve. He questioned why Darien has not connected the park paths.

A resident on Ripple Ridge stated that he was concerned with crime and truck drivers visiting the bars. He stated that I-55 is bad in the morning and in the evening.

At 7:32 p.m. Alderman Belczak joined the meeting.

Mr. Bob Kowalski, questioned if Argonne has been contacted and that he was concerned for runoff of oil in the creek.

Ms. Heidi Ramirez stated that there needs to consistency of the approval process of the projects in Darien. She stated that the standards are not the same and that the site on Lemont Road was built adjacent to residents.

Mr. Gombac stated that the site on Lemont Road was an eyesore and that the City worked with the residents and put a fence and buffer in place. He stated that developer was great to work with and that there have been no issues at that site.

Mayor Kathleen Weaver reported that the City had a proposal for a recreational facility at the proposed site and that the Crown Family would not agree.

Mr. Steve Laholdo stated that he is a patron of the brewery and that this proposal is going to be an eyesore, loud and not the appropriate use.

Mr. James Quaylot stated that he would like the property to stay as it is. Mrs. Quaylot stated that they hike through WaterFall Glen.

A Woodridge resident and an operations director stated that Mr. Fischer's statement about less traffic is false and that there is a similar situation in Woodridge and residents are moving out in groves and not reinvesting.

Mr. Andrew Kelly stated that this company is not Thermal King but that the residents need more time. Mr. Kelly asked that the Forest Preserve and Sterling Bay work with the City to build a bike path, visitor center with parking and a better facility for the community and something that Darien can be proud of.

Ms. Janice Fisher stated that she is a 30 year resident and to think trucks will stay on I-55 is incorrect. She stated that she is counting on the elected official to not approve this variation or final site plan.

Ms. Angela Sweinberg stated that the development will alter the character of the neighborhood and effect the environment.

A resident from Downers Grove stated that the area is zoned industrial but she does not see room for detention ponds. She stated that the height of the water will leave a mosquito stinky mess.

Chairman Marchese stated that the detention area is noted on the site plan.

A resident questioned the traffic impact on the west of South Frontage Road and that trucks do not obey the speed zone.

Alderman Belczak questioned the differences between Class A, B, and C.

Mr. Fischer stated that Class A is 32 feet and higher, Class B 24-30 feet, and Class C 24 feet or less. He stated that older buildings are Class B and C.

Alderman Belczak stated that the discussion is to approve the building height variation.

Chairman Marchese stated that the property is zoned industrial and that office warehouse is a permitted use.

Attorney Murphy stated that the City Council made a policy decision two decades ago for the permitted use. He stated that if the petitioner was not asking for a height variation this meeting would not be taking place.

A resident questioned where residents can default. He questioned why the need for a 4 foot variance.

Alderman Belczak questioned the outcome of the City meeting with Linda Painter representing the DuPage County Forest Preserve and Timberlake Homeowners Association.

Mr. Gombac reported that Ms. Painter was put in contact with Sterling Bay and that she had the opportunity to ask questions and that her questions were answered.

Chairman Marchese stated that there are a lot of concerned residents but that this is the best project for the site.

There was no one else wishing to present public comment.

**Alderman Belczak made a motion and it was seconded by Alderman Chlystek approval of a variation to the Darien Zoning Code for building height for a proposed office/warehouse and approval of final site plan.**

**Upon voice vote, THE MOTION CARRIED 2-1. Alderman Chlystek voted Nay.**

**b. Discussion: Consideration for parking permit on Shelly Court**

Mr. Dan Gombac reported that the City received a petition from Anita Kwasny signed by 15 residents of Shelly Court to change the parking restrictions to allow parking by permit only for

residents and their guests. He reported that if permit type parking was allowed a sticker would be issued at the cost of the residents.

There was discussion on how stickers would be monitored and renewed.

Mr. Gombac reported that the City Administrator was not in favor of permit parking.

Mayor Weaver suggested no event parking signs on Shelley and Carol.

Alderman Belczak stated that signs make more sense.

Mr. Gombac stated that he would draft a letter to the residents.

**c. Discussion: Possible amendment to the City Code provisions on storage of refuse containers in residential areas.**

Mr. Dan Gombac, Director reported that Alderman Lester Vaughan has requested discussion on a possible amendment to the City Code provisions on storage of refuse containers in residential areas.

Mr. Steve Manning, City Planner stated that every year there are many violations for storage of refuse particularly on the Gallagher and Henry homes.

Alderman Vaughan stated that there are storage areas on the side with barricades in front.

Alderman Belczak stated that screening needs to be defined.

Mr. Gombac stated that he would canvas other communities and report back to the Committee for further discussion.

**d. Resolution - Petitioner seeks approval accepting the public water main improvement for the Panattoni Warehouse development located at 7879 Lemont Road.**

Mr. Dan Gombac, Director reported that construction was completed and security was held for a one year maintenance period and that the City Engineer has inspected and in good condition. He reported that Alston Construction Company has submitted a completion bond for the wetlands landscaping for a three-year period as required by DuPage County.

There was no one in the audience wishing to present public comment.

**Alderman Belczak made a motion and it was seconded by Alderman Chlystek approval accepting the public water main improvement for the Panattoni Warehouse development located at 7879 Lemont Road.**

**Upon voice vote, THE MOTION CARRIED UNANIMOUSLY 3-0.**

**e. Resolution - To authorize the awarding of a contract extension to Homer Tree Care, Inc. in an amount not to exceed \$155,515.00 for the City's 2018/2019 Tree Trimming and Removal Program.**



Mr. Dan Gombac, Director reported this resolution award the contract extension to Homer Tree Care for the City's 2018/2019 Tree Trimming and Removal Program. He stated that Homer has provided good service.

Chairman Marchese suggested publicizing more to the public.

There was no one in the audience wishing to present public comment.

**Alderman Chlystek made a motion and it was seconded by Alderman Belczak to authorize the awarding of a contract extension to Homer Tree Care, Inc. in an amount not to exceed \$155,515.00 for the City's 2018/2019 Tree Trimming and Removal Program.**

**Upon voice vote, THE MOTION CARRIED UNANIMOUSLY 3-0.**

- f. Resolution - Approval to accept the unit price proposal from Ramiro Guzman Landscaping, Inc. for the purchase and installation of the 50/50 Parkway Tree Program and the Parkway Tree Replacement Program in an amount not to exceed \$35,755.00.**

Mr. Dan Gombac, Director reported that this resolution accepts the unit price proposal from Ramiro Guzman Landscaping, Inc. for the purchase and installation of the 50/50 Parkway Tree Program and the Parkway Tree Replacement Program.

There was no one in the audience wishing to present public comment.

**Alderman Belczak made a motion and it was seconded by Alderman Chlystek approval to accept the unit price proposal from Ramiro Guzman Landscaping, Inc. for the purchase and installation of the 50/50 Parkway Tree Program and the Parkway Tree Replacement Program in an amount not to exceed \$35,755.00.**

**Upon voice vote, THE MOTION CARRIED UNANIMOUSLY 3-0**

- g. Minutes – July 23, 2018 Municipal Services Committee**

**Alderman Belczak made a motion and it was seconded by Alderman Chlystek approval of the minutes of the July 23, 2018 Municipal Services Committee Meeting.**

**Upon voice vote, THE MOTION CARRIED UNANIMOUSLY 3-0.**

### **DIRECTOR'S REPORT**

Mr. Dan Gombac, Director reported that several residents contacted the City regarding a light at Oldfield and North Frontage Road. He stated that the corner is very dark.

### **NEXT SCHEDULED MEETING**

Chairperson Marchese announced that the next meeting is scheduled for Monday, September 24, 2018.

**ADJOURNMENT**

With no further business before the Committee, Alderman Chlystek made a motion and it was seconded by Alderman Belczak to adjourn. Upon voice vote, **THE MOTION CARRIED** unanimously and the meeting adjourned at 8:57 p.m.

**RESPECTFULLY SUBMITTED:**

\_\_\_\_\_  
**Joseph Marchese**  
**Chairman**

\_\_\_\_\_  
**Thomas Belczak**  
**Alderman**

\_\_\_\_\_  
**Thomas Chlystek**  
**Alderman**