

**Winnetka Village Council**  
**REGULAR MEETING**  
**Village Hall**  
510 Green Bay Road  
Tuesday, May 20, 2014  
7:00 p.m.

Emails regarding any agenda item are welcomed. Please email [contactcouncil@winnetka.org](mailto:contactcouncil@winnetka.org), and your email will be relayed to the Council members. Emails for the Tuesday Council meeting must be received by Monday at 4 p.m. Any email may be subject to disclosure under the Freedom of Information Act.

**AGENDA**

- 1) Call to Order
- 2) Pledge of Allegiance
- 3) Quorum
  - a) June 3, 2014 Regular Meeting
  - b) June 10, 2014 Study Session
  - c) June 17, 2014 Regular Meeting
- 4) Approval of Agenda
- 5) Consent Agenda
  - a) Approval of Village Council Minutes
    - i) May 6, 2014 Regular Meeting ..... 3
    - ii) May 13, 2014 Study Session..... 7
  - b) Approval of Warrant List.....9
  - c) Resolution R-15-2014: Final Plat Approval – Larkin’s Resubdivision (988-992 Oak) – Adopt.....10
  - d) Fire Station Kitchen Renovation Change Order No. 1 .....43
  - e) Bid # 014-013: Single-axle Dump Truck Replacement.....47
- 6) Stormwater Report. No report.
- 7) Ordinances and Resolutions
  - a) Resolution R-16-2014: 1096 Laurel Plat of Consolidation – Adopt .....162
  - b) Resolution R-18-2014: Approving Law Enforcement Mutual Aid Agreement – Adopt .....170
- 8) Public Comment
- 9) Old Business: None.

- 10) New Business. None.
- 11) Appointments
- 12) Reports
- 13) Executive Session
- 14) Adjournment

### **NOTICE**

All agenda materials are available at [villageofwinnetka.org](http://villageofwinnetka.org) (Government > Council Information > Agenda Packets & Minutes); the Reference Desk at the Winnetka Library; or in the Manager's Office at Village Hall (2<sup>nd</sup> floor).

Broadcasts of the Village Council meetings are televised on Channel 10 and AT&T Uverse Channel 99 every night at 7 PM. Webcasts of the meeting may also be viewed on the Internet via a link on the Village's web site: <http://winn-media.com/videos/>

The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that all persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the Village ADA Coordinator – Megan Pierce, at 510 Green Bay Road, Winnetka, Illinois 60093, 847-716-3543; T.D.D. 847-501-6041.

**MINUTES  
WINNETKA VILLAGE COUNCIL  
REGULAR MEETING  
May 6, 2014**

(Approved: xx)

A record of a legally convened meeting of the Council of the Village of Winnetka, which was held in the Village Hall Council Chambers on Tuesday, May 6, 2014, at 7:00 p.m.

- 1) Call to Order. President Greable called the meeting to order at 7:00 p.m. Present: Trustees Arthur Braun, Jack Buck, Patrick Corrigan, Richard Kates, William Krucks and Stuart McCrary. Absent: None. Also present: Village Manager Robert Bahan, Assistant to the Village Manager Megan Pierce, Village Attorney Katherine Janega, Community Development Director Mike D'Onofrio, Public Works Director Steve Saunders, Water & Electric Director Brian Keys, Finance Director Ed McKee, Police Chief Patrick Kreis, Fire Chief Alan Berkowsky, and approximately 15 persons in the audience.
- 2) Pledge of Allegiance. President Greable led the group in the Pledge of Allegiance.
- 3) Quorum.
  - a) May 13, 2014 Study Session. All of the Council members present indicated that they expected to attend.
  - b) May 20, 2014 Regular Meeting. All of the Council members present, with the exception of Trustee McCrary, indicated that they expected to attend.
  - c) June 3, 2014 Regular Meeting. All of the Council members present indicated that they expected to attend.
- 4) Approval of the Agenda. Trustee McCrary, seconded by Trustee Kates, moved to approve the Agenda. By roll call vote the motion carried. Ayes: Trustees Braun, Buck, Corrigan, Kates, Krucks and McCrary. Nays: None. Absent: None.
- 5) Consent Agenda
  - a) Village Council Minutes.
    - i) April 8, 2014 Study Session.
    - ii) April 17, 2014 Rescheduled Regular Meeting.
  - b) Warrant List. Approving Warrant List in the amount of \$1,266,597.84.
  - c) 2014 PCC Pavement Patching Program. Awarding the 2014 PCC Pavement Patching program to Schroeder & Schroeder, Inc. in the amount of \$96,772.80.
  - d) 2014 Asphalt Pavement Patching Program. Awarding the 2014 Asphalt Pavement Patching program to A Lamp Concrete Contractors in the amount of \$108,236.
  - e) Sunset Road & Auburn Avenue Water Main and Street Rehabilitation. Awarding the Sunset Road & Auburn Avenue Water Main and Street Rehabilitation project to A Lamp Concrete Contractors in the amount of \$589,876.

- f) One-Year Extension of Yard Waste Composting Contract. Approving a one-year extension of the current composting contract with Thelan Sand & Gravel for \$7.00 per cubic foot.

Trustee Buck, seconded by Trustee Braun, moved to approve the foregoing items on the Consent Agenda by omnibus vote. By roll call vote, the motion carried. Ayes: Trustees Braun, Buck, Corrigan, Kates, Krucks and McCrary. Nays: None. Absent: None.

- 6) Stormwater Report. None.

- 7) Ordinances and Resolutions. None.

- 8) Public Comment.

- 9) Old Business. None.

- 10) Reports.

- a) Village President: President Greable thanked the present Council for their time and effort during the last year.

- b) Trustees: None.

- 11) Seating of the New Village Council.

- a) Village Clerk's Report: Election Results. Manager Bahan, serving in his role as Village Clerk, announced the results of the March 18, 2014 election in which Carol Fessler, Stuart McCrary and Marilyn Prodromos were elected as Village Trustees.

President Greable called for a motion to take a recess so that the oaths of office could be administered – after which, the meeting will be reconvened with the newly constituted Council.

Trustee Braun, seconded by Trustee Krucks, moved to take a short recess. By voice vote, the motion passed. At 7:07 p.m. the Council recessed.

- b) Administration of Oath of Office to Trustees-elect Carol Fessler, Stuart McCrary and Marilyn Prodromos. Manager Bahan administered oath to the three new Trustees.

- c) Call the New Council to Order. President Greable called the new Council to order at 7:16 p.m.

- 12) Ordinances and Resolutions.

- a) Commendation Resolutions. Before introducing the commendation resolutions, President Greable remarked on the exemplary public service performed by Trustees Adams, Buck and Corrigan, and thanked them for their service. The rest of the Council also thanked the three outgoing Trustees and wished them well.

- i) Resolution R-11-2014: Commending Trustee Joseph Adams – Adoption. President Greable read aloud a Resolution commending Trustee Adams and thanking him for his service to the Village.

Trustee Krucks, seconded by Trustee Braun, moved to adopt Resolution R-11-2014. By voice vote, the motion carried.

ii) Resolution R-12-2014: Commending Trustee Jack Buck – Adoption.

President Greable read aloud a Resolution commending Trustee Buck and thanking him for his service to the Village.

Trustee Fessler, seconded by Trustee Braun, moved to adopt Resolution R-12-2014. By voice vote, the motion carried.

iii) Resolution R-13-2014: Commending Trustee Patrick Corrigan – Adoption.

President Greable read aloud a Resolution commending Trustee Corrigan and thanking him for his service to the Village.

Trustee Braun, seconded by Trustee McCrary, moved to adopt Resolution R-13-2014. By voice vote, the motion carried.

13) Public Comment.

Jack Buck thanked his fellow Council members and Village staff, and he remarked that he learned a lot in his two years as Trustee.

Patrick Corrigan thanked Winnetka’s residents for allowing him to serve for two years, and thanked the Council for the pleasure of working with them and commended Village staff.

14) New Business. None.

15) Appointments. None.

16) Reports.

a) Village President. President Greable announced the new Council assignments as follows:

President Pro Tem	Trustee Braun
Warrants	Trustee Krucks
Chamber of Commerce	Trustee Prodromos
Environmental & Forestry Commission	Trustee McCrary
Plan Commission	Trustee Kates
Business Community Development Commission	Trustee Prodromos
Outreach & Engagement Program Liaison	Trustee Fessler
RED Center	Trustee Krucks
Northwest Municipal Conference (NWMC)	President Greable, Manager Bahan, Trustee Fessler
Solid Waste Agency of Northern Cook County (SWANCC)	President Greable, Manager Bahan
Landmark Preservation Commission Liaison	Trustee Krucks

- b) Trustees.
    - i) Trustee McCrary encouraged the community to support the Historical Society by attending their upcoming benefit.
  - c) Attorney. None.
  - d) Manager. None.
- 17) Executive Session. None.
- 18) Adjournment. Trustee Braun, seconded by Trustee Fessler, moved to adjourn the meeting. By voice vote, the motion carried. The meeting adjourned at 7:52 p.m.

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Recording Secretary

**MINUTES**  
**WINNETKA VILLAGE COUNCIL STUDY SESSION**

**May 13, 2014**

(Approved: xx)

A record of a legally convened meeting of the Council of the Village of Winnetka, which was held in the Village Hall Council Chambers on Tuesday, May 13, 2014, 2014 at 7:00 p.m.

- 1) Call to Order. President Greable called the meeting to order at 7:02 p.m. Present: Trustees Arthur Braun, Carol Fessler, Richard Kates, William Krucks, and Marilyn Prodomos. Absent: Stuart McCrary. Also in attendance: Village Manager Robert Bahan, Assistant to the Village Manager Megan Pierce, Village Attorney Katherine Janega, and approximately five persons in the audience.
- 2) Village Council Orientation. Village Manager Robert Bahan and Village Attorney Katherine Janega gave a PowerPoint presentation, explaining the structure of the Village's government and administration. Attorney Janega reviewed the Village's powers as a Home Rule unit and explained that the Council's role is one of governance, while the Manager is the administrator of the Council's policies.

Manager Bahan gave a brief history of the council-manager form of government, drawing on the writings of Winnetka's first Village Manager, who said one of the primary benefits of this form of government is that it relieves the Council members of the burdens of administration, and leaves their time free to consider important issues of general policy. He also reviewed the powers of the Village President, Village Council and Village Manager.

Manager Bahan and Attorney Janega discussed policy-making and how the Council arrives at action by first collection the relevant information and data and then boiling it down. The role of the Village's various advisory boards in policy formation was discussed, including the Council's relationship with those bodies. For policy-making, Attorney Janega described the hierarchy of policy statements, beginning with a simple motion and ending with a Village Code amendment.

Attorney Janega next reviewed procedures for working under Illinois' sunshine laws (including the Open Meetings Act and Freedom of Information Act), in addition to conflicts of interest and potential communication issues. It was noted that whenever a majority of a quorum of the Council (3 Council members) is gathered, they cannot discuss Village business or they will be in violation of the Act. She discussed the difference between an actual and an apparent conflict of interest, and explained that disclosure of any potential conflict should be done at the earliest possible time, to maintain transparency and public confidence in the Council's decisions.

Lastly, the Council reviewed basic land use concepts with Attorney Janega, in particular the balance of the public interest with private rights.

Following the presentation, the Council discussed attendance at other non-Village public meetings and forums. They also asked questions regarding the routing of e-mails and process for addressing resident questions or concerns that the Council receives.

- 3) Council Goal Setting/Strategic Planning. Manager Bahan and the Village Council held a strategic planning session to set goals for the coming year.

[Trustee McCrary arrived at 8:15 p.m.]

The Council first reviewed the four main goals and sub-goals that it had agreed-to at its September, 2013 Study Session and then concurred that those items, in addition to the high-priority ULI recommendations discussed in October, 2013, were all still valid goals for the Village to pursue. Members of the Council then expressed critical issues they saw in the community and actions they believed the Village should take in the short-term. Trustees noted concurrence on a number of items, such as community engagement, a community-wide survey, and continued downtown planning and revitalization. Manager Bahan said Staff will compile the list created by the Council, which will be brought back for additional consideration and prioritization at the June Study Session.

- 4) Public Comment.

Bill Johnson, 241 Essex Road. Mr. Johnson commented that if the Council was considering a survey, that possibly the four governmental boards and the Caucus could work together for one community-wide survey.

- 5) Executive Session. None.

- 6) Adjournment. Trustee Fessler, seconded by Trustee Kates, moved to adjourn the meeting. By voice vote, the motion carried. The meeting adjourned at 9:15 p.m.

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Recording Secretary



## Agenda Item Executive Summary

**Title:** Warrant List

**Presenter:** Robert M. Bahan, Village Manager

**Agenda Date:** 05/20/2014

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input type="checkbox"/>            | Resolution              |
| <input type="checkbox"/>            | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input checked="" type="checkbox"/> | Informational Only      |

### Item History:

None.

### Executive Summary:

The Warrant List for the May 20, 2014 Regular Council Meeting was emailed to each Village Council member.

### Recommendation / Suggested Action:

Consider approving the Warrant List for the May 20, 2014 Regular Council Meeting.

### Attachments:

None.



## Agenda Item Executive Summary

**Title:** R-15-2014 - Final Plat Approval - Larkin's Resubdivision (988/992 Oak)

**Presenter:** Brian Norkus, Assistant Community Development Director

**Agenda Date:** 05/20/2014

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input checked="" type="checkbox"/> | Resolution              |
| <input type="checkbox"/>            | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input type="checkbox"/>            | Informational Only      |

### Item History:

On January 21, 2014, the Village Council approved a preliminary plan for re-subdivision of 988 and 992 Oak Street, to consolidate the existing two (2) 50-foot wide lots into a single lot. Final disposition of the request requires final Council approval of both a final Plat of Resubdivision (Attachment B) along accompanying restrictive covenants (Attachment C).

### Executive Summary:

The Village Council's preliminary approval granted on January 21, 2014 was subject to a limitation on future additional development on the consolidated lot, allowing only the 1-1/2 story addition depicted at the time of application.

In addition, the Council's preliminary approval was subject to the incorporation of language reverting the consolidated lot to the original two-lot configuration in the event of future demolition.

Restrictive Covenant language has been developed by staff and reviewed by the Village Attorney in order to fulfill the conditions imposed by the Council.

The applicant has completed all terms of the Council's preliminary approval, having prepared the required Final Plat of Resubdivision and executing the Restrictive Covenants to be recorded with the Cook County Recorder of Deeds.

### Recommendation / Suggested Action:

1) Consider a motion to adopt Resolution R-15-2014 which would approve Larkin's Resubdivision of 988 and 992 Oak Street, including the incorporated restrictive covenants.

### Attachments:

- 1) Agenda Report dated May 15, 2014
- 2) Attachment A - Resolution R-15-2014
- 2) Attachment B – Final plat of Larkin Subdivision
- 3) Attachment C – Restrictive Covenants
- 4) Attachment D – April 23, 2014 Plan Commission minutes

## AGENDA REPORT

**SUBJECT:** Resolution R-15-2014 - Final plat approval – Larkin’s Resubdivision (988 & 992 Oak Street)

**PREPARED BY:** Brian Norkus, Assistant Director of Community Development

**DATE:** May 15, 2014

On January 21, 2014, the Village Council approved a *preliminary* plan for resubdivision of 988 and 992 Oak Street, to consolidate the existing two (2) 50-foot wide lots into a single lot. Final disposition of the request requires *final* Council approval of both a final Plat of Resubdivision (Attachment B) along accompanying restrictive covenants (Attachment C).

### **Previous actions**

On November 20, 2013 the Plan Commission considered the application for preliminary approval of the consolidation plan. The requested consolidation is intended by the applicant to allow for a proposed 1 ½ story addition to the existing residence and an additional driveway off Locust Street. While plans for the proposed 1 ½ story addition were found by the Plan Commission to be appropriately scaled relative to the surrounding neighborhood, the Commission noted that further future additions to the residence, or possible new construction, would have a high potential for development which is out of character with the surrounding neighborhood.

The Plan Commission voted unanimously to recommend approval, subject to the recommendation that restrictions be placed on the consolidated lot which would prohibit further additions to the home beyond those plans presented by the applicant. In addition, the Plan Commission recommended requiring the consolidated lot to revert to the original existing two-lot configuration, versus allowing the home to be demolished and redeveloped as a single oversized lot.

On December 9, 2013 the Zoning Board of Appeals voted unanimously to grant a related zoning variation attributable to the proposed resubdivision. The existing residence at 988 Oak Street currently observes a conforming 6 foot side yard setback; however, upon consolidation into a 100-foot wide lot is subject to an increased side yard setback of 12 feet.

On January 21, 2014 the Council adopted Resolution R-1-2014, which grants approval of the preliminary plan subject to a limitation on future additional development as well as language reverting the consolidated lot to the originally platted 50-foot lots as a means of prohibiting future demolition and redevelopment as a single lot.

### **Final plat documents**

The applicant has prepared the required Final Plat of Resubdivision consistent with the approved preliminary plan. In addition, Restrictive Covenant language has been developed by staff and reviewed by the Village Attorney to achieve the conditions imposed by the Council.

The plat of consolidation also incorporates utility easements requested by the Village Water and Electric Department to allow for the repair or replacement of existing utilities as well as for contemplated future utilities.

With the property owner having signed the restrictive covenants, the applicant has fulfilled all of the conditions imposed by the Council. Upon final Council approval both the Final Plat of Resubdivision and Restrictive Covenants will be recorded together with the Cook County Recorder of Deeds.

On April 23, 2014 the Plan Commission voted unanimously to approve the final plat of Larkin's Resubdivision and to recommend Council approval of both the final plat and Restrictive Covenants.

**Recommendation:** Consider motion to adopt Resolution R-15-2014 granting final approval to Larkin's Subdivision, including the incorporated restrictive covenant document.

### **Attachments:**

Attachment A – Resolution R-15-2014

Attachment B – Final plat of Larkin Subdivision

Attachment C – Restrictive Covenants

Attachment D – April 23, 2014 Plan Commission minutes

**RESOLUTION NO. R-15-2014**

**A RESOLUTION  
GRANTING APPROVAL OF THE  
FINAL PLAT OF LARKIN RESUBDIVISION  
(988 and 992 Oak Street)**

**WHEREAS**, the Village of Winnetka is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village; and

**WHEREAS**, the Council of the Village of Winnetka (“Village Council”) finds that establishing standards for the use and development of lands and buildings within the Village and establishing and applying criteria for the subdivision and consolidation of property, and for granting variations from zoning regulations, are matters pertaining to the affairs of the Village; and

**WHEREAS**, the property commonly known as 988 Oak Street, Winnetka, Illinois (“Parcel 1”), is legally described as follows:

Lot 7 in Block 7 in the Provident Mutual Land Association’s Subdivision of Blocks 7 to 12, 28 to 33, 54 to 79 all inclusive in the Village of Winnetka being a subdivision of the West Half of the Northeast Quarter of Section 20, Township 42 North, Range 13 East of the Third Principal Meridian, in Cook County, Illinois; and

**WHEREAS**, the property commonly known as 992 Oak Street, Winnetka, Illinois (“Parcel 2”), is legally described as follows:

Lot 8 in Block 7 in the Provident Mutual Land Association’s Subdivision of Blocks 7 to 12, 28 to 33, 54 to 79 all inclusive in the Village of Winnetka being a subdivision of the West Half of the Northeast Quarter of Section 20, Township 42 North, Range 13 East of the Third Principal Meridian, in Cook County, Illinois; and

**WHEREAS**, Parcels 1 and 2 are adjoining lots of record that are owned by the same persons (“Owners”); and

**WHEREAS**, Parcel 1 is improved with a two-story, brick single-family residence, with a detached garage in its southwest corner, which were built by the Owners in 2000, after first purchasing Parcel 1 in 1998; and

**WHEREAS**, in 2009, the Owners purchased Parcel 2, which was improved with a single-family residence that the Owners demolished the following year; and

**WHEREAS**, Parcels 1 and 2 are located on the south side of Oak Street, at the southeast corner of Oak and Locust Streets; and

**WHEREAS**, Parcels 1 and 2 are located in the R-5 Single-Family Residential Zoning District, in which the minimum lot area is 8,400 square feet and the minimum average lot width is 60 feet; and

**WHEREAS**, Parcels 1 and 2 are part of a 24-block area of predominantly 50-foot wide lots that were platted in 1875 and that have been developed as platted; and

**WHEREAS**, Parcels 1 and 2 are rectangular properties of equal size, each being 50 feet wide and 187 feet deep, with a conforming lot area of 9,350 square feet; and

**WHEREAS**, the Owners of Parcels 1 and 2 propose to consolidate the Parcels 1 and 2 (collectively, the “Subject Property”) into a single lot of record, which would result in a lot of record that would be 100 feet wide and 187 feet deep, and would have a lot area of 18,700 square feet; and

**WHEREAS**, the increased lot width resulting from the proposed consolidation would increase the side yard set back requirements and require a minimum east side yard of 12 feet, and would create a nonconformity of 5.98 feet, as the existing residence on Parcel 1 currently observes an east side yard of 6.02 feet; and

**WHEREAS**, the requested variation is within the final decision-making authority of the Zoning Board of Appeals, which conducted a public hearing on the requested variation on December 9, 2013, on due notice thereof; and

**WHEREAS**, by the favorable vote of the five members of the Zoning Board of Appeals in attendance on December 9, 2013, the side yard variation is deemed conditionally granted, subject to the final approval of the consolidation; and

**WHEREAS**, on January 21, 2014, the Village Council adopted Resolution R-1-2014, granting preliminary approval of the proposed consolidation, subject to certain terms and conditions; and

**WHEREAS**, the Owners have submitted a proposed final plat of resubdivision, titled “Final Plat of Larkin Resubdivision,” consolidating Parcels 1 and 2 into a single lot of record, a copy of which plat is attached to this Resolution as Exhibit A and is incorporated herein by reference; and

**WHEREAS**, on April 23, 2014, on due notice thereof, the Plan Commission considered the proposed Final Plat of Larkin Resubdivision (“Final Plat”) and have voted unanimously to approve the Final Plat and to recommend approval by the Village Council.

**WHEREAS**, although the proposed consolidation will result in a new zoning lot that exceeds the minimum requirements of the R-5 Single-Family Zoning District and allows for a home that is substantially larger than other homes in the immediate neighborhood, the proposed consolidated lot will continue to have its front lot line on Oak Street, thereby maintaining the existing block face, and the location of the larger lot on a corner is compatible with the nearby neighborhood, where some other corner lots also exceed the standards of the R-5 Single Family Zoning District; and

**WHEREAS**, the Village Council finds that, subject to the conditions set forth below, the Final Plat is consistent with the preliminary approval granted pursuant to Resolution R-1-2014 and complies with the conditions imposed by that Resolution, in that it provides for the declarations of restrictive covenants in language that is acceptable to the Village Attorney, and contains utility easement dedications as required by the Water & Electric Department; and

**WHEREAS**, the Village Council therefore finds that, subject to the conditions set forth below, the proposed consolidation of Parcels 1 and 2 into a single lot of record is appropriate and consistent with the character of the immediate neighborhood, in that it will allow a larger lot on the

corner, while assuring that development of the Subject Property remains consistent with the scale of development in the neighborhood.

**NOW, THEREFORE,** be it resolved by the Council of the Village of Winnetka as follows:

**SECTION 1:** The Village Council adopts the foregoing recitals as its findings of facts, as if fully set forth herein.

**SECTION 2:** Subject to the conditions set forth below, final approval is hereby given to the proposed consolidation of the properties commonly known as 988 Oak Street and 992 Oak Street in the Village of Winnetka, as depicted in the plat of consolidation titled “Final Plat of Larkin Resubdivision,” prepared by Central Survey, LLC, and dated January 20, 2014, a copy of which is attached hereto as Exhibit A and is incorporated herein by reference (“Final Plat”):

A. The Declaration of Restrictive Covenant for the Final Plat of Larkin Resubdivision in the Village of Winnetka (“Restrictive Covenant”), in the form presented to the Village Council with this resolution, shall be fully executed and recorded with the Cook County Recorder of Deeds, and the date of recording and document number shall be noted on the Final Plat.

B. No additional impermeable surfaces, as defined in the Winnetka Zoning Ordinance (including buildings and expansions thereto, other roofed areas, pavements or other impermeable surfaces), shall be constructed or installed on the consolidated lot at any time, except as permitted in the concept plans attached to the Restrictive Covenant.

C. No permits shall be issued for any construction activity on the Subject Property related to the proposed building addition unless and until the Final Plat and the Restrictive Covenant have been recorded with the Cook County Recorder of Deeds, and complete permit applications for the proposed construction have been submitted, reviewed and found to be in conformity with all applicable ordinances and development regulations of the Village, including the conditions imposed pursuant to this Resolution.

**SECTION 3:** Upon completion of all conditions and the recording of the Final Plat and Restrictive Covenant, the Subject Property shall be known as “Lot 1 in Larkin Resubdivision of that part of the West Half of the Northeast Quarter of Section 20, Township 42 North, Range 13 East of the Third Principal Meridian, in Cook County, Illinois.”

**SECTION 4:** The approval granted by this Resolution shall automatically be null and void and of no force or effect if, within 12 months after the adoption of this Resolution, the Owners have not completed all documentation and recorded the Final Plat and Restrictive Covenant as provided in this Resolution.

[Remainder of this page intentionally left blank.]

**SECTION 5:** This Resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

**SECTION 6:** This Resolution shall be in full force and effect immediately upon its adoption.

**ADOPTED** this \_\_\_ day of \_\_\_\_\_, 2014, by the following roll call vote:

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

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

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

Signed:

\_\_\_\_\_  
Village President

Attest:

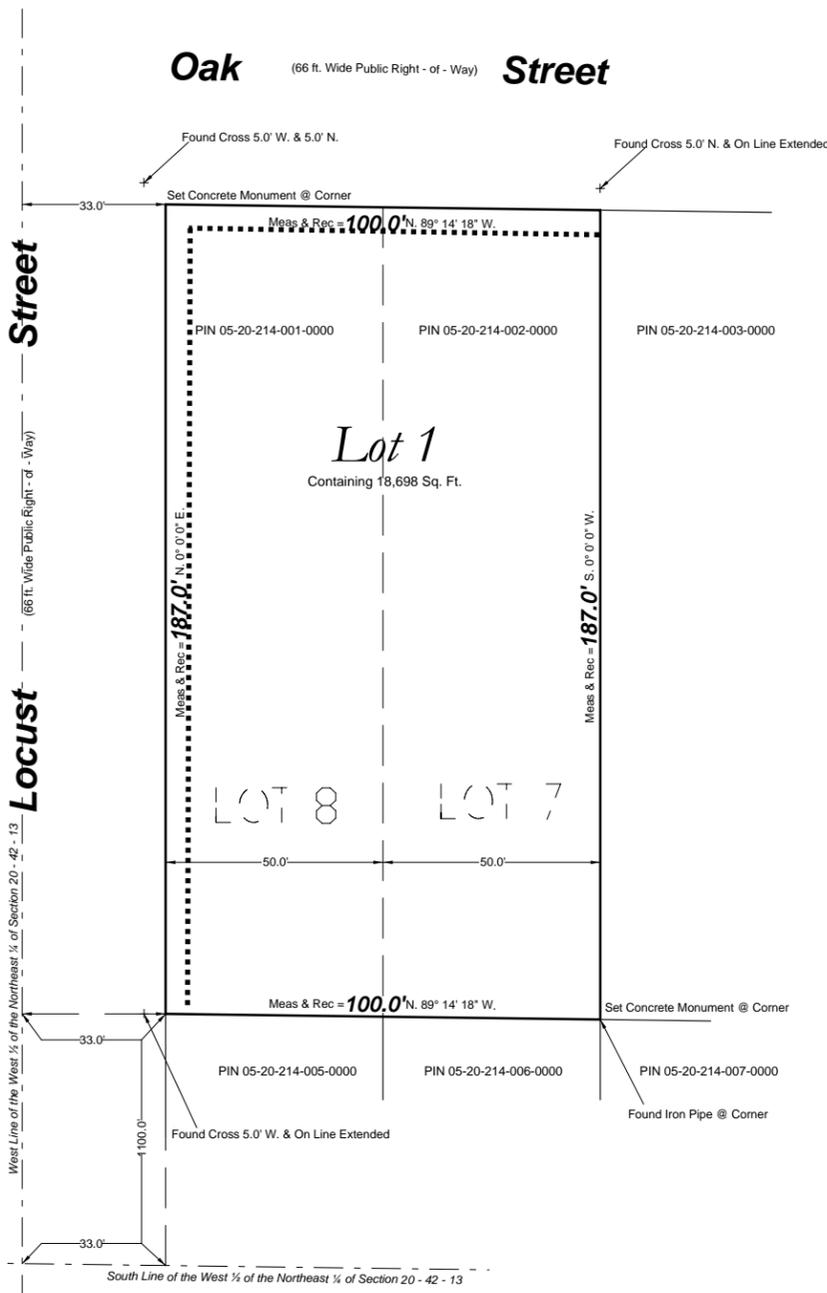
\_\_\_\_\_  
Village Clerk

# Final Plat of Larkin Resubdivision

That part of the West 1/2 of the Northeast 1/4 of Section 20, Township 42 North, Range 13 East of the Third Principal Meridian, in Cook County, Illinois



Scale: 1" = 20'  
0' 20' 40'



**Attachment B -  
Plat of  
Resubdivision**

### Restrictive Covenant

IN CONSIDERATION of the granting of a certain zoning variation by the Village of Winnetka, and:  
IN ORDER to assure that the development on the consolidated parcel remains in scale with nearby parcels of land, approval of this subdivision by the Village of Winnetka is subject to a Declaration of Restrictive Covenant for the Larkin Consolidation in the Village of Winnetka approved by the Winnetka Village Council, pursuant to Council Resolution R-\_\_\_\_\_, 2014, and recorded with the Cook County Recorder of Deeds as document # \_\_\_\_\_ on \_\_\_\_\_, 2014.

### Plan Commission Certificate

State of Illinois )  
County of Cook ) S.S.  
Approved this \_\_\_\_ day of \_\_\_\_\_, 2014 by the Plan Commission of the Village of Winnetka, Cook County, Illinois.  
Plan Commission Chair \_\_\_\_\_ Attest: Secretary \_\_\_\_\_

### Public Works Director Certificate

State of Illinois )  
County of Cook ) S.S.  
Approved this \_\_\_\_ day of \_\_\_\_\_, 2014 by the Director of Public Works of the Village of Winnetka, Cook County, Illinois  
Public Works Director (Village of Winnetka, Illinois)

### Finance Director Certificate

I, \_\_\_\_\_, Finance Director of the Village of Winnetka, Illinois do hereby certify that there are no delinquent or unpaid current or forfeited special assessments, or any deferred installments thereon that have been apportioned against the tract of land included in this plat of consolidation  
Dated this \_\_\_\_ day of \_\_\_\_\_, 2014  
Finance Director (Village of Winnetka, Illinois)

### Community Development Department Certificate

State of Illinois )  
County of Cook ) S.S.  
Approved by the Community Development Department Director of the Village of Winnetka, Illinois, this \_\_\_\_ day of \_\_\_\_\_, 2014  
Community Development Department Director (Village of Winnetka, Illinois)

### Water and Electric Department Certificate

State of Illinois )  
County of Cook ) S.S.  
Approved this \_\_\_\_ day of \_\_\_\_\_, 2014 by the Director of Water and Electric Department of the Village of Winnetka, Cook County, Illinois  
Water and Electric Director (Village of Winnetka, Illinois)

### Village Council Certificate

State of Illinois )  
County of Cook ) S.S.  
Approved by the President and Village Council of the Village of Winnetka, Illinois, this \_\_\_\_ day of \_\_\_\_\_, 2014  
Village President (Village of Winnetka, Illinois) \_\_\_\_\_ Attest: Clerk (Village of Winnetka, Illinois) \_\_\_\_\_

### Owners Certificate

State of Illinois )  
County of Cook ) S.S.  
This is to certify that the undersigned are the sole owners of the said land described in the consolidated plat, that no other person has any right, title or interest in said land and they have caused the same to be surveyed and subdivided as indicated thereon for the uses and purposes therein set forth, and do hereby acknowledge and adopt the same under the title thereon indicated.  
Dated this \_\_\_\_ day of \_\_\_\_\_, 2014

Ian Larkin (Owner) 988 Oak Street Winnetka, Illinois 60093  
Nora Larkin (Co-Owner) 988 Oak Street Winnetka, Illinois 60093

### Notary Public Certificate

State of Illinois )  
County of Cook ) S.S.  
I, \_\_\_\_\_, a Notary Public in and for the County of Cook, State of Illinois do hereby Certify that Ian Larkin and Nora Larkin, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day and acknowledged that, as the owners of the properties commonly known as 984 Oak Street and 992 Oak Street, in the Village of Winnetka, County of Cook, State of Illinois, they signed and delivered said instrument as their own free and voluntary act for the uses and purposes therein set forth.  
Given under my hand and official seal this \_\_\_\_ day of \_\_\_\_\_, 2014  
Notary Public  
My Commission Expires: \_\_\_\_\_

### Mortgagee Certificate

The Northern Trust Company, as mortgagee, under the provisions of a certain mortgage dated October 14, 2008 and recorded in the Recorder of Deeds office of Cook County, Illinois on the 19th day of November, 2008 as Document No. 0832447068 hereby consents to and approves the subdivision of the land and the granting of the easements depicted hereon.  
Dated this \_\_\_\_ day of \_\_\_\_\_ A.D. 2014  
Mortgagee Name: \_\_\_\_\_  
By: \_\_\_\_\_ Attest: \_\_\_\_\_  
Its: \_\_\_\_\_ Its: \_\_\_\_\_

### Notary Public Certificate

State of Illinois )  
County of Cook ) S.S.  
I, \_\_\_\_\_, a Notary Public in and for said County in the State, aforesaid, do hereby Certify that \_\_\_\_\_ (Name) \_\_\_\_\_ (Title) of \_\_\_\_\_ and \_\_\_\_\_ (Name) \_\_\_\_\_ (Title) of \_\_\_\_\_ who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument as such (Title) \_\_\_\_\_ and (Title) \_\_\_\_\_, respectively, appeared before me this day in person and acknowledged that they signed and delivered the said instrument as their own free and voluntary act and as the free and voluntary act of \_\_\_\_\_, as mortgagor, for the uses and purposes therein set forth.  
Given under my hand and Notarial Seal this \_\_\_\_ day of \_\_\_\_\_, 2014  
My Commission Expires: \_\_\_\_\_

I, William R. Webb, an Illinois Professional Land Surveyor, do hereby authorize \_\_\_\_\_ Village Manager and/or \_\_\_\_\_ Director of Community Development Department to record this plat of consolidation in my absence.

### Land Surveyor's Certificate

State of Illinois )  
County of Cook ) S.S.  
Central Survey LLC does hereby certify that it has surveyed and subdivided the following described property:

Lots 7 and 8 in Block 7 in Provident Mutual Land Association's Subdivision of Blocks 7 to 12, 28 to 33, 54 to 58, all inclusive in Village of Winnetka, being a Subdivision of the West 1/2 of the Northeast 1/4 of Section 20, Township 42 North, Range 13 East of the Third Principal Meridian, in Cook County, Illinois  
I further certify that the property shown hereon is not situated in a special flood hazard area as identified by the Federal Emergency Management Agency, as per flood insurance rate map, panel number 17031 C of community panel number 0251 J, effective date August 19, 2008, Unshaded Zone "X" (areas determined to be outside the 0.2% annual chance floodplain and is not situated in a special flood hazard area). I further certify that the plat hereon drawn is a correct representation of said survey and subdivision.  
Dated this 20th Day of January 2014  
William R. Webb  
William R. Webb P.L.S. #2190 (expires 11/30/2014) Professional Design Firm Land Surveying Corporation (License #184-004113)



**Plat of Consolidation by Central Survey LLC**  
6415 N. Caldwell Ave., Chicago, Illinois 60646-2713  
Phone (773) 631-5285 www.Centralsurvey.com Fax (773) 775-2071

**Legend**  
N. = North  
S. = South  
E. = East  
W. = West  
(TYP) = Typical  
Rec = Record  
Meas = Measure  
St = Street  
Ave. = Avenue

**Tax Bill Recipient:**  
Ian & Nora Larkin  
988 Oak Street  
Winnetka, IL 60093

**After Recording Mail To:**  
Village of Winnetka  
510 Green Bay Road  
Winnetka, Illinois 60093

**Scale:** 1 Inch Equals 20 Feet.  
**Ordered By:** Airoom  
**Order Number:** 988

Assume no dimension from scaling upon this plat. Compare all points before building and report any difference at once. For building restrictions refer to you abstract, deed, contract and local ordinances.

**This Instrument Prepared by  
and after recording return to:**

Katherine S Janega, Esq.  
Village Attorney  
Village of Winnetka  
510 Green Bay Road  
Winnetka, IL 60093

**Attachment C -  
Restrictive  
Covenant**

PIN# 05-20-214-002  
PIN # 05-20-214-001

**DECLARATION OF RESTRICTIVE COVENANT  
FOR THE FINAL PLAT OF  
LARKIN RESUBDIVISION IN THE VILLAGE OF WINNETKA**

THIS RESTRICTIVE COVENANT is made by and between the undersigned IAN LARKIN and NORA LARKIN (hereinafter, jointly, the OWNERS) and the VILLAGE OF WINNETKA (hereinafter the VILLAGE), an Illinois home rule municipality, pursuant to that certain final plat of resubdivision submitted by OWNERS, as approved by the VILLAGE by its adoption of Resolution R-\_\_\_\_\_-2014, on \_\_\_\_\_, 2014.

**RECITALS**

1. The OWNERS are the joint owners of certain property (Parcel 1 and Parcel 2) located within the corporate limits of the VILLAGE, which property is legally described in Exhibit 1 attached hereto.
2. The OWNERS desire to consolidate Parcel 1 and Parcel 2 into a single lot of record and to construct a 1 ½ story addition to the existing residence and to modify the driveway approach to the detached garage, as depicted on plans by prepared by Airoom, Inc., and dated October 31, 2013, which plans have been submitted to the VILLAGE for approval and remain on file with the VILLAGE.
3. The VILLAGE has previously adopted Resolution R-1-2014, granting OWNERS preliminary approval of a consolidation of Parcel 1 and Parcel 2.
4. The consolidation approved by Resolution R-1-2014 was subject to the condition that the OWNERS execute and record a restrictive covenant containing terms as specified in said resolution.

5. It is the desire and intent of the OWNERS that that the matters set forth below shall be covenants running with the land, as part of the proposed development of the consolidated Parcel 1 and Parcel 2 and that said covenants shall be binding upon the land and all present and subsequent owners and persons dealing with the land.

NOW THEREFORE, the OWNERS covenant and agree as follows:

1. The development of Parcel 1 and Parcel 2, as consolidated as Lot 1 in Larkin Subdivision pursuant to VILLAGE Resolution R-1-2014, and as hereinafter referred to as the SUBJECT PROPERTY, shall be consistent with that certain Development Plan for the SUBJECT PROPERTY prepared by Airoom, Inc., Lincolnwood Illinois, dated October 31, 2013, and approved by the VILLAGE, a copy of which is attached hereto as Exhibit A and the original of which is maintained on file with the Village of Winnetka Department of Community Development (the "Development Plan").

2. In order to preserve the design, appearance, and scale of the proposed development plan, for all future owners of the Subject Property, no additions to the principal residence shall be permitted, nor shall any modification to existing house be permitted which increases the cubic content, building roofed area, or building height. This restriction shall not be construed as to prohibit other minor modifications such as the relocation of windows and doors, interior remodeling, landscaping or fencing.

3. No additional impermeable surfaces, as defined by the Winnetka Zoning Ordinance, shall be constructed on the Subject Property.

4. The OWNERS shall commence construction of the improvements shown on the Development Plan no later than September 1, 2014, and shall complete construction within fifteen (15) months of the date of issuance of permits.

5. In the event the OWNERS fail to commence and complete the construction within the time specified herein, the consolidation of the Subject Property shall automatically terminate and the Subject Property shall revert to its original configuration as Parcel 1 and Parcel 2.

6. In the event that the principal building is destroyed or damaged by any occurrence, including voluntary demolition, and the cost of restoring such damaged building to its condition immediately prior to the occurrence is equal to or less than 50 percent of the cost of construction of said building new, the building may be restored to its original condition and use immediately prior to the occurrence, provided that such restoration shall be started or positive procedures commenced to start such restoration no later than six (6) months after the date of such partial destruction.

7. In the event that the principal building is destroyed or damaged by any occurrence, including voluntary demolition, to the extent that the cost of restoration to its condition immediately prior to the occurrence would exceed 50 percent of the cost of construction of said building new, the consolidation of the Subject Property shall automatically terminate and the Subject Property shall revert to its original configuration as Parcel 1 and Parcel 2.

8. In the event that the consolidation of the Subject Property is terminated pursuant to the preceding paragraph number 7, it shall be the obligation of the OWNERS to prepare a plat of subdivision which complies with the requirements of the Village Subdivision Code, and which carries out the reversion requirement to revert its original configuration.

9. All of the restrictions and covenants appearing herein, as well as those appearing in a plat, deed or other conveyance of all or any part of the Subject Property shall be construed together, but if any one of same shall be held to be invalid by a judgment or court decree, or for any other reason is not enforced or enforceable, none of the others shall be affected or impacted thereby, but shall remain in full force and effect.

10. All of the restrictions and covenants appearing in this instrument are made pursuant to the VILLAGE'S exercise of the VILLAGE's authority, as a Home Rule municipality, applicable State law and the Winnetka Village Code, to regulate building and development within the corporate limits of the VILLAGE. Any violation of the restrictions and covenants set forth in this instrument by any person bound by said restrictions and covenants shall be considered a violation of the Winnetka Village Code and shall be subject to enforcement in the same manner as any other violation of the Winnetka Village Code. All of the terms and provision set forth in this instrument shall be specifically enforceable.

11. The VILLAGE, in the sole exercise of its discretion, reserves the right to waive any of the restrictions and covenants contained herein, or any violation of the restrictions and covenants contained herein, but no such waiver shall bar the VILLAGE from enforcing such restriction or covenant in the event of any other violation.

12. These covenants shall run with the land and shall be binding upon the OWNERS and their heirs, devisees, assigns, and successors in title, and upon the VILLAGE, its officers, employees, agents and assigns, and upon all persons claiming under any of them for a period of twenty-five (25) years from the date of this instrument, at which time the covenants shall be automatically extended thereafter for successive ten (10) year periods, unless an instrument amending or rescinding these covenants is duly approved by the corporate authorities of the Village of Winnetka and filed with the Recorder of Deeds of Cook County.

IN WITNESS THEREOF, the parties have executed the above and foregoing instrument of Restrictive Covenant this 17<sup>th</sup> day of MARCH, 2014.

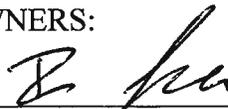
VILLAGE OF WINNETKA

BY: \_\_\_\_\_  
Village President

ATTEST:

BY: \_\_\_\_\_  
Village Clerk

OWNERS:

  
\_\_\_\_\_  
IAN LARKIN

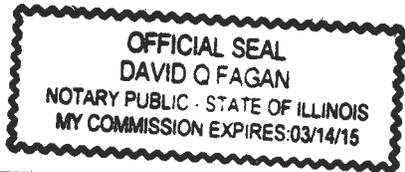
  
\_\_\_\_\_  
NORA LARKIN

**ACKNOWLEDGEMENT**

State of Illinois        )  
                                  ) ss:  
County of Cook         )

I, DAVID Q FAGAN, a Notary Public in and for the County of Cook, State of Illinois, do hereby certify that IAN LARKIN and NORA LARKIN, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day and acknowledged that, as the OWNERS of the properties commonly known at 988 Oak Street and 992 Oak Street, in the Village of Winnetka, County of Cook, State of Illinois, they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and official seal this 17<sup>th</sup> day of March, 2014



David Q Fagan  
Notary Public

My commission expires: 3/17/14

(SEAL)

**EXHIBIT 1**

**LEGAL DESCRIPTION OF PARCELS 1 AND 2**

**Parcel 1:**

Lot 7 in Block 7 in Provident Mutual Land Association's Subdivision of Blocks 7 to 12, 28 to 33, 54 to 59, all inclusive, in the Village of Winnetka, being a Subdivision of the West ½ of the Northeast ¼ of Section 20, Township 42 North, Range 13, East of the Third Principal Meridian, in Cook County, Illinois.

Commonly known as 988 Oak Street, in the Village of Winnetka;

PIN# 05-20-214-002

**Parcel 2:**

Lot 8 in Block 7 in Provident Mutual Land Association's Subdivision of Blocks 7 to 12, 28 to 33, 54 to 59, all inclusive, in the Village of Winnetka, being a Subdivision of the West ½ of the Northeast ¼ of Section 20, Township 42 North, Range 13, East of the Third Principal Meridian, in Cook County, Illinois,

Commonly known as 992 Oak Street, in the Village of Winnetka

PIN # 05-20-214-001

**LEGAL DESCRIPTION OF CONSOLIDATED LOT**

Lot 1 in Larkin Resubdivision of that part of the West ½ of the Northeast ¼ of Section 20, Township 42 North, Range 13, East of the Third Principal Meridian, in Cook County, Illinois.

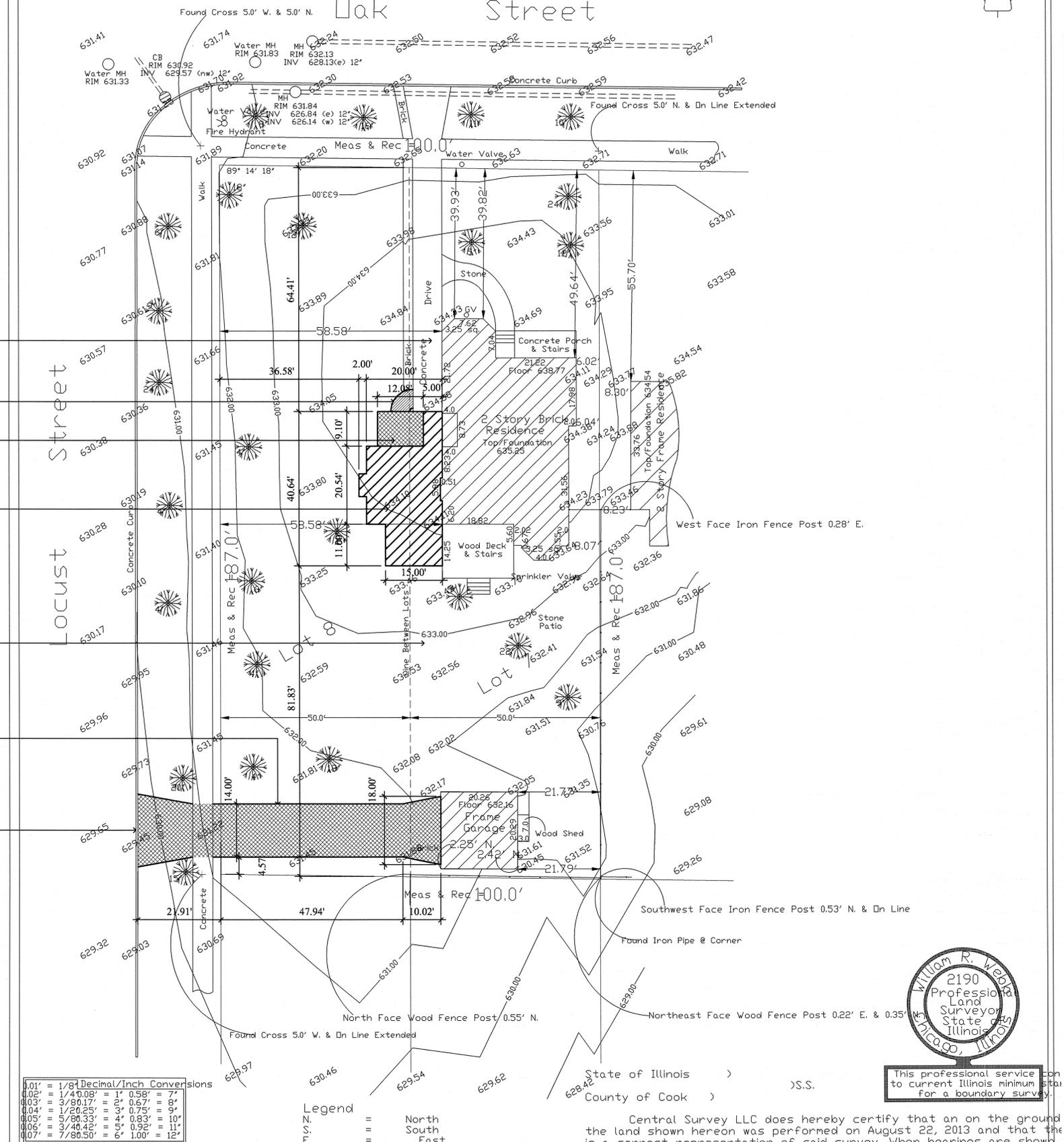
**EXHIBIT A**

**DEVELOPMENT PLAN**

(See following pages)

**AIRROOM**  
 ARCHITECTS & BUILDERS  
 SINCE 1958  
 Airoom Architects Corp.  
 6825 N. Lincoln Avenue  
 Lincolnwood, Illinois 60712  
 Phone: (847) 763-1100 Fax: (847) 679-0446  
 Website: www.airoom.com  
 Email: info@airoom.com

Legal Description  
 Lots 7 and 8 in Block 7 in Provident Mutual Land Association's Subdivision of Blocks 7 to 12, 28 to 33, 54 to 59, all in a Subdivision of the West 1/2 of the Northeast 1/4 of Section 20, Township 42 North, Range 13 East of the Third Principal Meridian, Cook County, Illinois  
 Commonly Known as: 988 Oak St., Winnetka, Illinois  
 Area of Land Described: 18,698 Sq. Ft.



- EX. CONCRETE DRIVEWAY TO REMAIN UP TO ADDITION
- AREA OF PROPOSED PORCH LANDING
- AREA OF PROPOSED COVERED PORCH
- AREA OF PROPOSED ADDITION
- EX. IMPERMEABLE SURFACE HAS BEEN REMOVED FROM NEW ADDITION TO EX. GARAGE.
- AREA OF PROPOSED DRIVEWAY
- AREA OF PROPOSED CURB CUT



1" = 15'-0"

1/8" Decimal/Inch Conversions	
0.01'	= 1/80.00" = 1/8"
0.02'	= 1/40.00" = 1/20"
0.03'	= 3/80.00" = 3/40"
0.04'	= 1/20.25" = 3/50"
0.05'	= 5/80.33" = 4/64"
0.06'	= 3/40.43" = 3/67"
0.07'	= 7/80.50" = 6/80"

Legend  
 N. = North  
 S. = South  
 E. = East



This professional service conforms to current Illinois minimum standards for a boundary survey.

Central Survey LLC does hereby certify that an on the ground survey of the land shown hereon was performed on August 22, 2013 and that the same is a correct representation of said survey. When bearings are shown they are true magnetic bearings.

ISSUES & REVISIONS:	
ISSUE DATES	DESCRIPTION
09/20/2013	EXISTING CONDITIONS ( ECD )
-	ISSUED FOR PERMIT
-	PERMIT REVISION #1
-	PERMIT REVISION #2
-	ISSUED FOR PCC
-	ISSUED FOR READY
-	ISSUED FOR PRE-START REVIEW
-	ISSUED FOR CONSTRUCTION

THESE DRAWINGS AND THE CONSTRUCTION SPECIFICATION GUIDE ARE THE PROPRIETARY WORK PRODUCT AND PROPERTY OF AIRROOM ARCHITECTS CORP. PREPARED AND DEVELOPED SOLELY FOR THE EXCLUSIVE USE OF AIRROOM ARCHITECTS CORP. IN CONJUNCTION WITH THE SALES CONTRACT BETWEEN AIRROOM ARCHITECTS CORP. AND BUYERS.

USE OF THESE PLANS AND THE CONCEPTS CONTAINED THEREIN WITHOUT THE PRIOR WRITTEN PERMISSION OF AIRROOM ARCHITECTS CORP. IS PROHIBITED AND MAY SUBJECT YOU TO A CLAIM FOR DAMAGES FROM AIRROOM ARCHITECTS CORP. AIRROOM ARCHITECTS CORP. IS A SUBCONTRACTOR OF AIRROOM LLC.

UNTIL THESE PLANS ARE APPROVED BY THE BUYERS, CONSTRUCTION CANNOT BE SCHEDULED, AND MATERIALS CANNOT BE ORDERED. THESE ARCHITECTURAL PLANS, PREPARED BY AIRROOM ARCHITECTS CORP., ARE HEREBY FINALLY APPROVED AND AGREED UPON BY BOTH THE BUYERS AND AIRROOM ARCHITECTS CORP. BUYER UNDERSTANDS AND ACKNOWLEDGES THAT ANY ITEM NOT INCLUDED IN THE CONTRACT SPECIFICATIONS OR SHOWN IN THESE PLANS IS NOT INCLUDED IN THE CONTRACT.

APPROVALS:

PLACE APPROPRIATE STAMP HERE

I/WE, THE BUYER(S), HAVE EXAMINED THE AIRROOM ARCHITECTS CORP. DOCUMENTS AND AIRROOM ARCHITECTS CORP. CONSTRUCTION SPECIFICATION GUIDE.

I/WE, THE BUYER(S), UNDERSTAND AND AGREE TO THE TERMS, CONDITIONS AND SELECTIONS CONTAINED WITHIN THE AIRROOM ARCHITECTS CORP. DOCUMENTS AND APPROVE THE CORRECTIONS NOTED.

BUYER \_\_\_\_\_ DATE \_\_\_\_\_

BUYER \_\_\_\_\_ DATE \_\_\_\_\_

AIRROOM REPRESENTATIVE \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT INFORMATION:

**LARKIN IAN & NORA**

988 OAK ST.  
 WINNETKA, IL.  
 60093

HOME: (874) 441-5004  
 CELL: (312) 961-2893 IAN  
 CELL (312) 560-8827 NORA

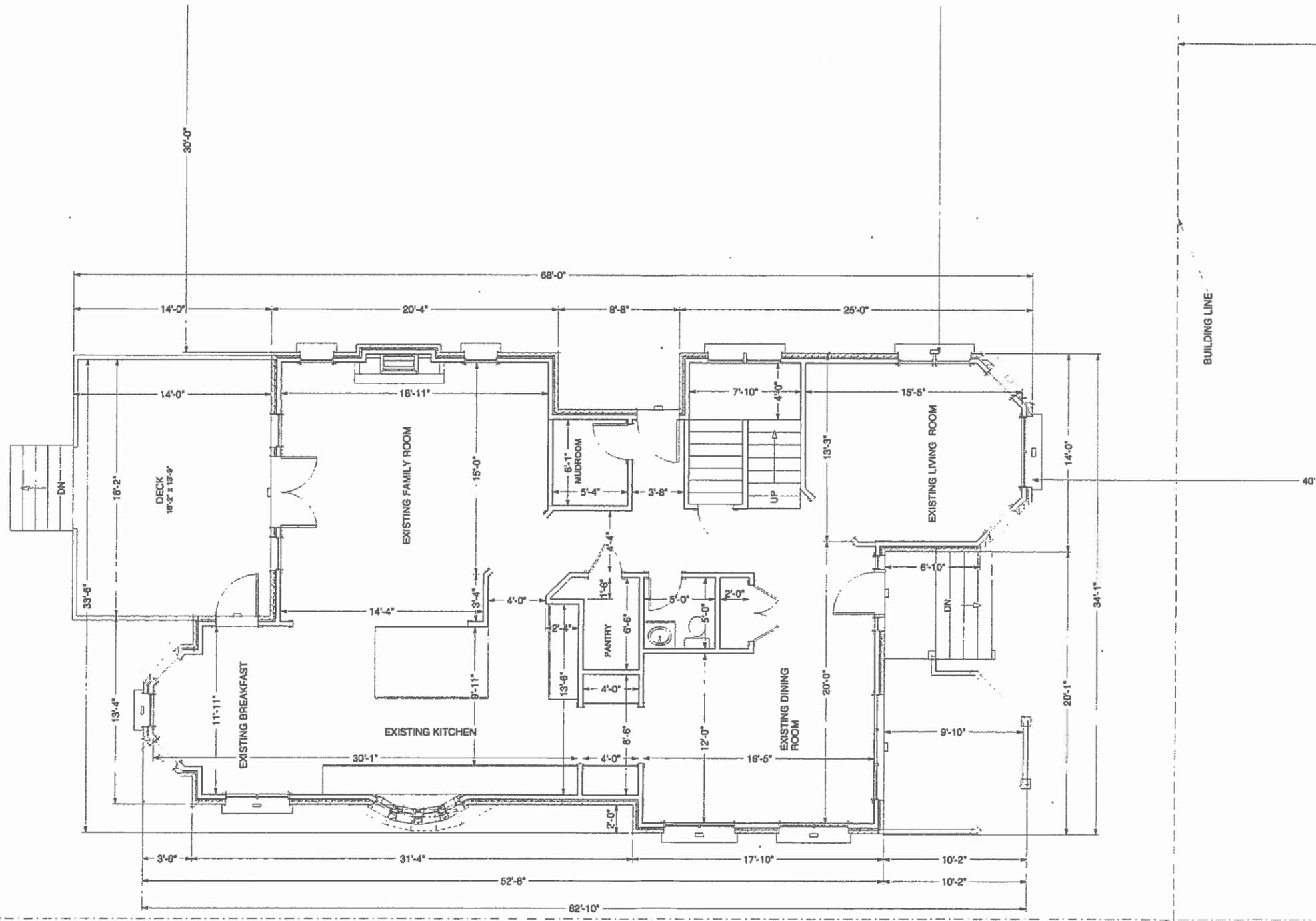
PROJECT CONTACT - FDC NAME: **MARV WARNER**

PROJECT ARCHITECT: **RICHARD SMITH**

PROJECT DEVELOPMENT MANAGER (PDM): **KLEIN / KELLY**

PROJECT NO: **130182**

SHEET TITLE: <b>SITE PLAN</b>	
SHEET & FILE INFO:	<b>3</b> OF <b>15</b>
CAD FILE NAME: <b>LARKIN - CURRENT.DWG</b>	
ATD REFERENCE: <b>C-L</b>	
COPYRIGHT 2012 AIRROOM ARCHITECTS CORP. (11/01/13)	

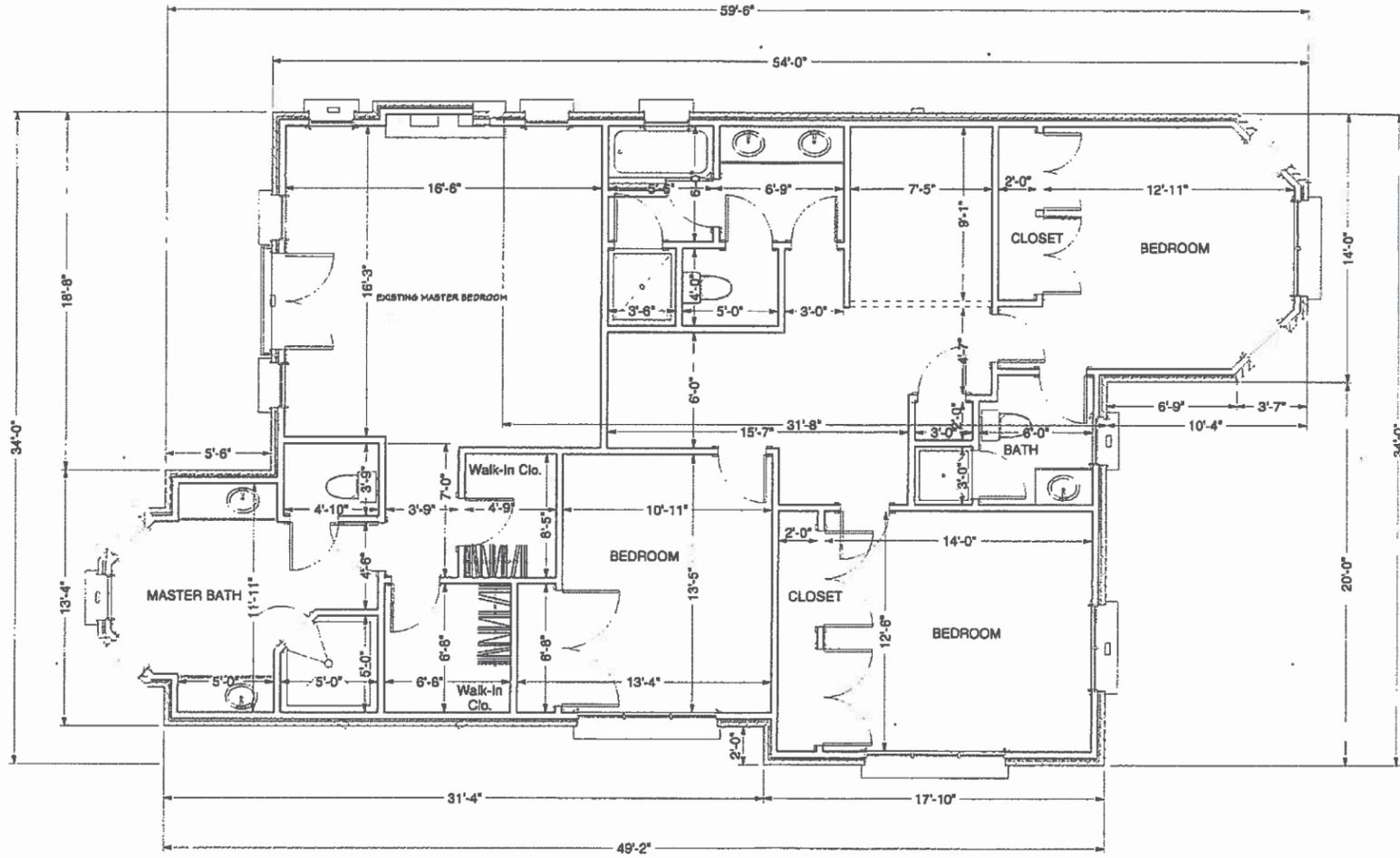


**EXISTING FIRST FLOOR**  
 SCALE: 1/8" = 1'-0"

**LARKIN RESIDENCE**  
 988 OAK STREET  
 WINNETKA, IL 60093

**AIRROOM 55**  
 ARCHITECTS - BUILDERS - REMODELERS  
 CELEBRATING 55 YEARS  
 6825 N. LINCOLN AVENUE  
 LINCOLNWOOD, IL 60712

DATE: 9/9/2013  
 10/31/2013



**EXISTING SECOND FLOOR**

SCALE: 1/8" = 1'-0"

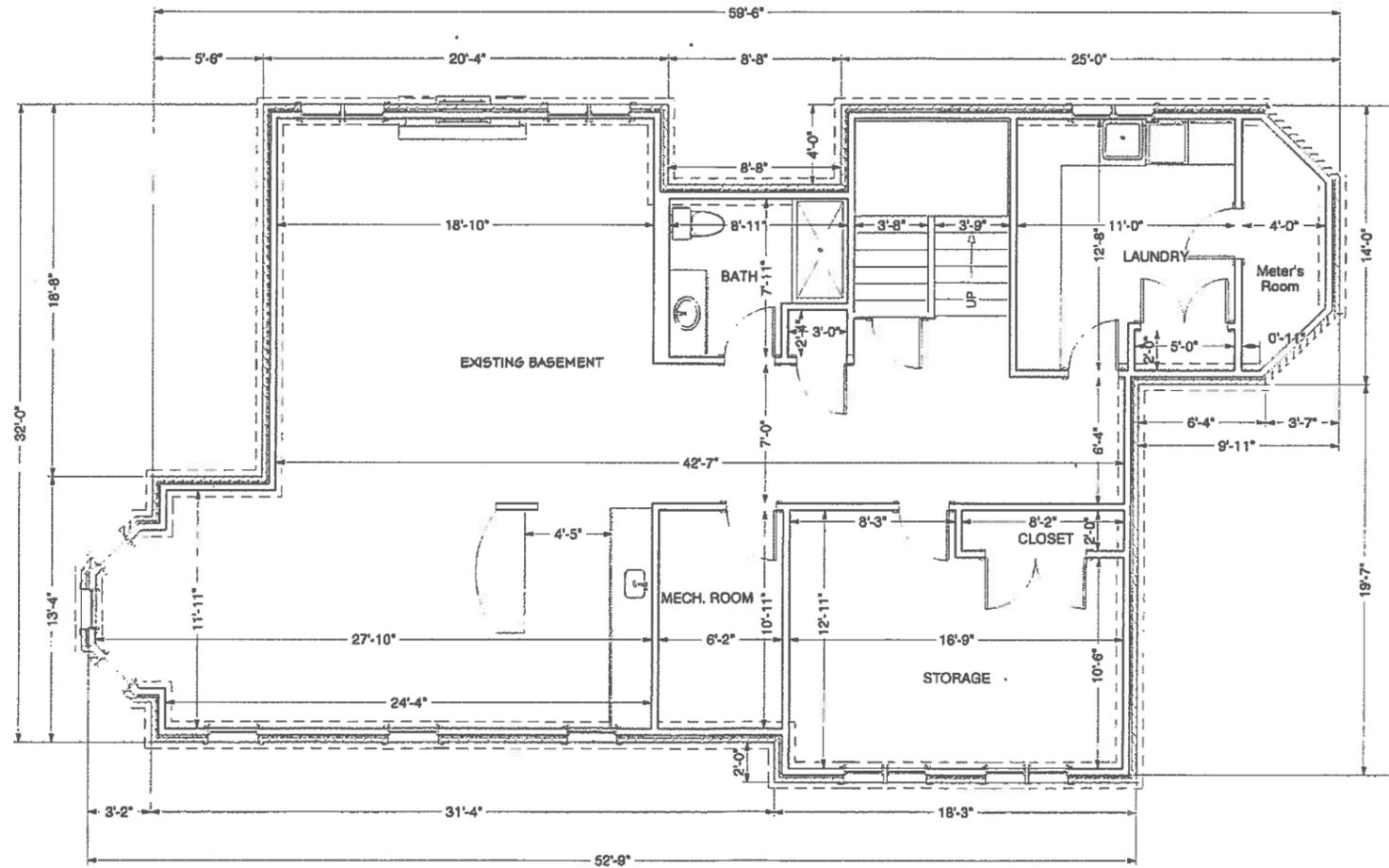
**AIRROOM 55**  
 ARCHITECTS - BUILDERS - REMODELERS  
 CELEBRATING 55 YEARS  
 6825 N. LINCOLN AVENUE  
 LINCOLNWOOD, IL 60712

**LARKIN RESIDENCE**

988 OAK STREET  
 WINNETKA, IL 60093

DATE: 9/9/2013

10/31/2013



**EXISTING BASMENT**

SCALE: 1/8" = 1'-0"

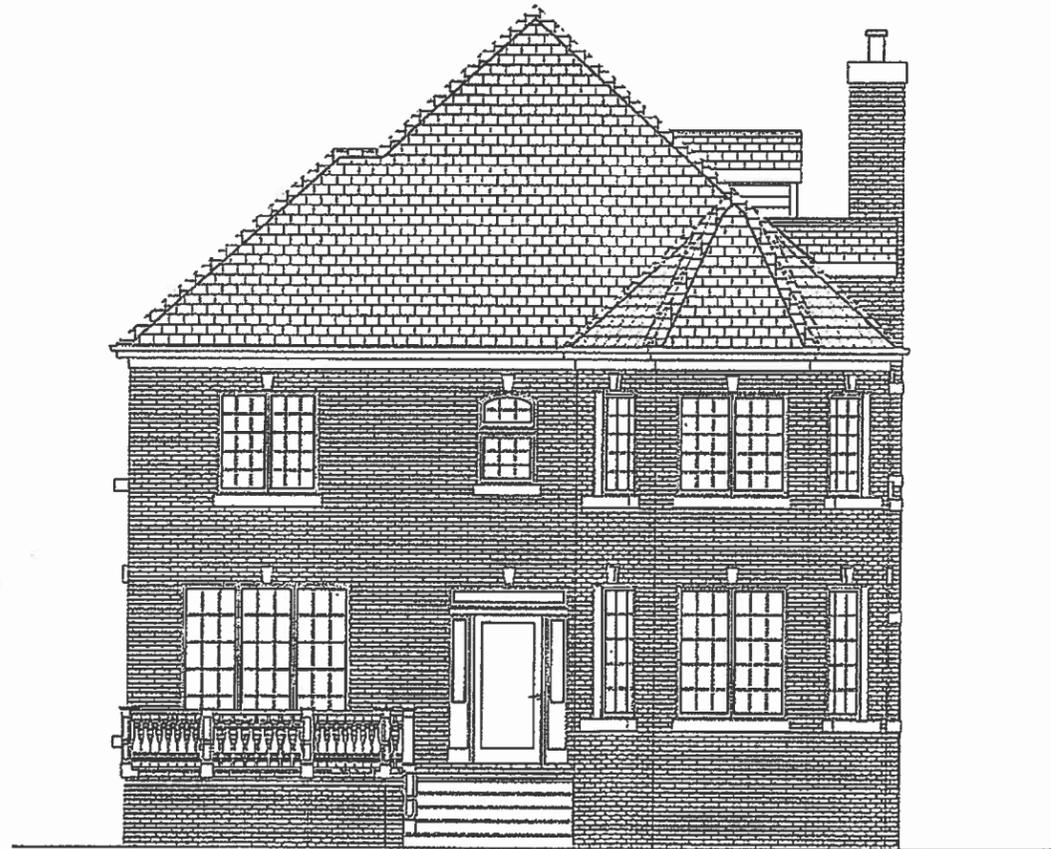
**AIRROOM 55**  
 ARCHITECTS - BUILDERS - REMODELERS  
 CELEBRATING 55 YEARS  
 6825 N. LINCOLN AVENUE  
 LINCOLNWOOD, IL 60712

**LARKIN RESIDENCE**

988 OAK STREET  
 WINNETKA, IL 60093

DATE: 9/9/2013

10/31/2013



**EXISTING NORTH ELEVATION**

SCALE: 1/8" = 1'-0"

**AIRROOM 55**  
ARCHITECTS - BUILDERS - REMODELERS  
— CELEBRATING 55 YEARS —  
6825 N. LINCOLN AVENUE  
LINCOLNWOOD, IL 60712

**LARKIN RESIDENCE**

988 OAK STREET  
WINNETKA, IL 60093

DATE: 9/9/2013

10/31/2013



**EXISTING WEST ELEVATION**

SCALE: 1/8" = 1'-0"

**AIRROOM 55**  
ARCHITECTS - BUILDERS - REMODELERS  
— CELEBRATING 55 YEARS —  
6825 N. LINCOLN AVENUE  
LINCOLNWOOD, IL 60712

**LARKIN RESIDENCE**

988 OAK STREET  
WINNETKA, IL 60093

DATE: 9/9/2013

10/31/2013



**EXISTING SOUTH ELEVATION**

SCALE: 1/8" = 1'-0"

**AIRROOM 55**  
ARCHITECTS - BUILDERS - REMODELERS  
— CELEBRATING 55 YEARS —  
6825 N. LINCOLN AVENUE  
LINCOLNWOOD, IL 60712

**LARKIN RESIDENCE**

988 OAK STREET  
WINNETKA, IL 60093

DATE: 9/9/2013  
10/31/2013



**EXISTING EAST ELEVATION**

SCALE: 1/8" = 1'-0"

**AIRROOM 55**  
ARCHITECTS - BUILDERS - REMODELERS  
— CELEBRATING 55 YEARS —  
6825 N. LINCOLN AVENUE  
LINCOLNWOOD, IL 60712

**LARKIN RESIDENCE**

988 OAK STREET  
WINNETKA, IL 60093

DATE: 9/9/2013  
10/31/2013

ISSUES & REVISIONS:

ISSUE DATES	DESCRIPTION
09/20/2013	EXISTING CONDITIONS (E.C.D)
-/-/-	ISSUED FOR PERMIT
-/-/-	PERMIT REVISION #1
-/-/-	PERMIT REVISION #2
-/-/-	ISSUED FOR PCC
-/-/-	ISSUED FOR READY
-/-/-	ISSUED FOR PRE-START REVIEW
-/-/-	ISSUED FOR CONSTRUCTION

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USE OF THESE PLANS AND THE CONCEPTS CONTAINED THEREIN WITHOUT THE WRITTEN PERMISSION OF AIROOM ARCHITECTS CORP. IS PROHIBITED AND MAY SUBJECT YOU TO A CLAIM FOR DAMAGES FROM AIROOM ARCHITECTS CORP. AIROOM ARCHITECTS CORP. IS A SUBCONTRACTOR OF AIROOM LLC.

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APPROVALS:

PLACE APPROPRIATE STAMP HERE

I, WE, THE BUYER(S), HAVE EXAMINED THE AIROOM ARCHITECTS CORP. DOCUMENTS AND AIROOM ARCHITECTS CORP. CONSTRUCTION SPECIFICATION GUIDE.

I, WE, THE BUYER(S) UNDERSTAND AND AGREE TO THE TERMS, CONDITIONS AND RELATIONS CONTAINED WITHIN THE AIROOM ARCHITECTS CORP. DOCUMENTS AND APPROVE THE CORRECTIONS NOTED.

BUYER \_\_\_\_\_ DATE \_\_\_\_\_

BUYER \_\_\_\_\_ DATE \_\_\_\_\_

AIROOM REPRESENTATIVE \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT INFORMATION:

**LARKIN**  
**IAN & NORA**

988 OAK ST.  
 WINNETKA, IL.  
 60093

HOME: (874) 441-5004  
 CELL: (312) 961-2893 IAN  
 CELL (312) 560-8827 NORA

PROJECT CONTACT / POC NAME: **MARV WARNER**

PROJECT ARCHITECT: **BRIAN R. MAITE**

PROJECT DEVELOPMENT MANAGER (S): **KLEIN / KELLY**

PROJECT NO: **130182**

SHEET TITLE: **NEW BASEMENT FLOOR PLAN**

SHEET & TITLE INFO:

CAD LAYOUT:  RTEXT:  (RTEXT)

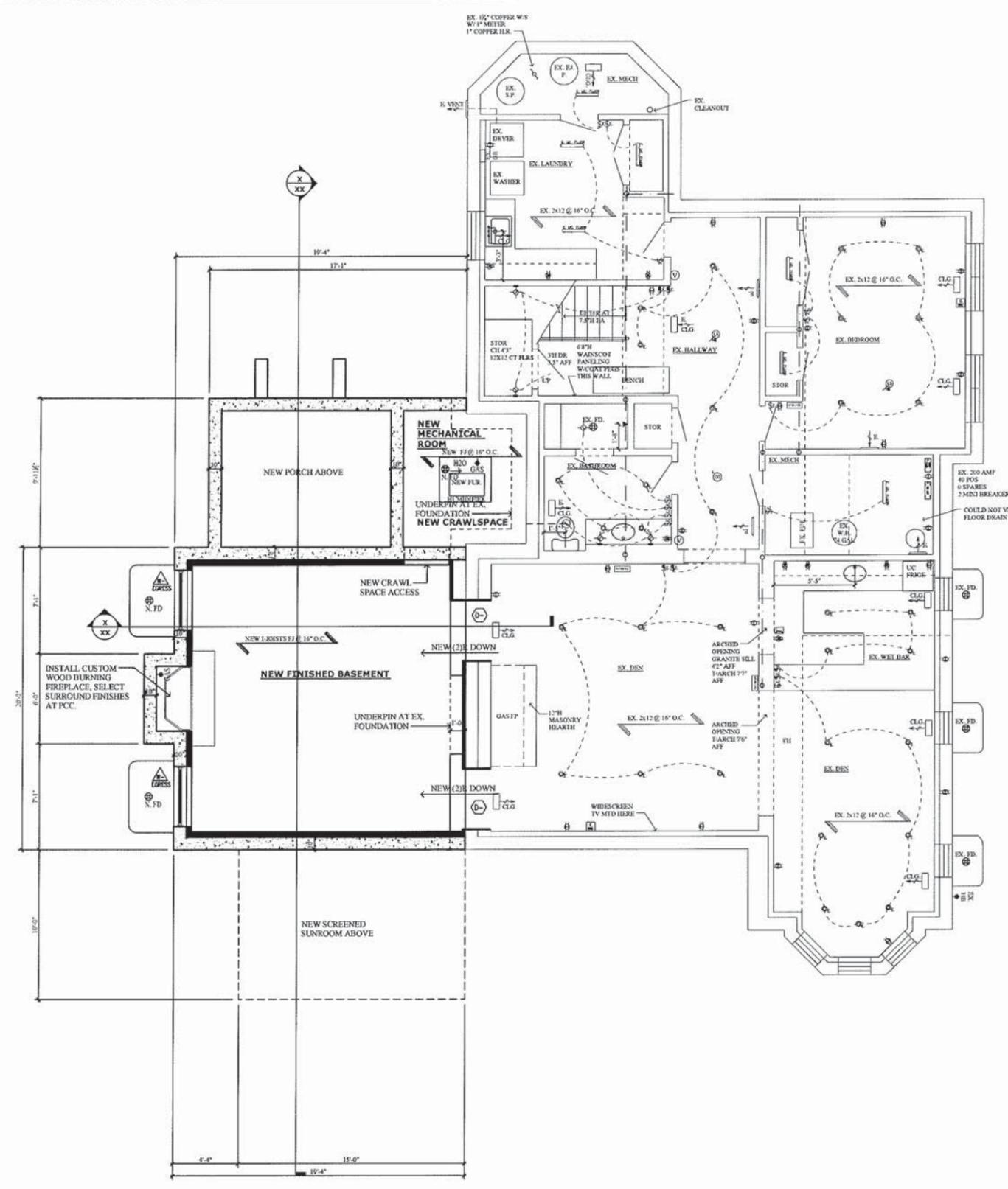
CAD FILE NAME: \_\_\_\_\_

TEXT:  (TEXT)

AJD REFERENCE: C-L

COPYRIGHT 2013 AIROOM ARCHITECTS CORP. 01-10-13

**6**  
 OF 29



**1** NEW BASEMENT FLOOR PLAN  
 1/4"=1'

D  
C  
B  
A

1 2 3 4 5 6

ISSUES & REVISIONS

ISSUE DATES	DESCRIPTION
09/20/2013	EXISTING CONDITIONS ( ECD )
-/-/-	ISSUED FOR PERMIT
-/-/-	- PERMIT REVISION #1
-/-/-	- PERMIT REVISION #2
-/-/-	ISSUED FOR PCC
-/-/-	ISSUED FOR READY
-/-/-	ISSUED FOR PRE-START REVIEW
-/-/-	ISSUED FOR CONSTRUCTION

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NOTE: THESE PLANS ARE APPROVED BY THE BUYER. CONSTRUCTION CANNOT BE SCHEDULED, AND MATERIALS CANNOT BE ORDERED, UNTIL THESE ARCHITECTURAL PLANS, PREPARED BY AIROOM ARCHITECTS CORP., ARE FINALLY APPROVED AND AGREED UPON BY BOTH THE BUYER AND AIROOM ARCHITECTS CORP. BY YOUR SIGNATURE AND ACKNOWLEDGEMENT THAT ANY ITEM NOT INCLUDED IN THE CONTRACT SPECIFICATIONS OR SHOWN IN THESE PLANS IS NOT INCLUDED IN THE CONTRACT.

APPROVALS:

BUYER: \_\_\_\_\_ DATE: \_\_\_\_\_

BUYER: \_\_\_\_\_ DATE: \_\_\_\_\_

AIROOM REPRESENTATIVE: \_\_\_\_\_ DATE: \_\_\_\_\_

PLACE APPROPRIATE STAMP HERE

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I, THE BUYER, UNDERSTAND AND AM AGREE TO THE TERMS, CONDITIONS AND SELECTIONS CONTAINED WITHIN THE AIROOM ARCHITECTS CORP. DOCUMENTS AND APPROVE THE CONSTRUCTION GUIDE.

PROJECT INFORMATION:

**LARKIN IAN & NORA**

988 OAK ST.  
 WINNETKA, IL.  
 60093

HOME: (874) 441-5004  
 CELL: (312) 961-2893 IAN  
 CELL (312) 560-8827 NORA

PROJECT CONTACT / PC NAME: **MARV WARNER**

PROJECT ARCHITECT: **BRIAN R. MAITE**

PROJECT DEVELOPMENT MANAGER (PDM): **KLEIN / KELLY**

PROJECT NO: **130182**

SHEET & FILE INFO:

CAD LAYOUT: [RText] (RText1)

CAD FILE NAME: [RText] (RText2)

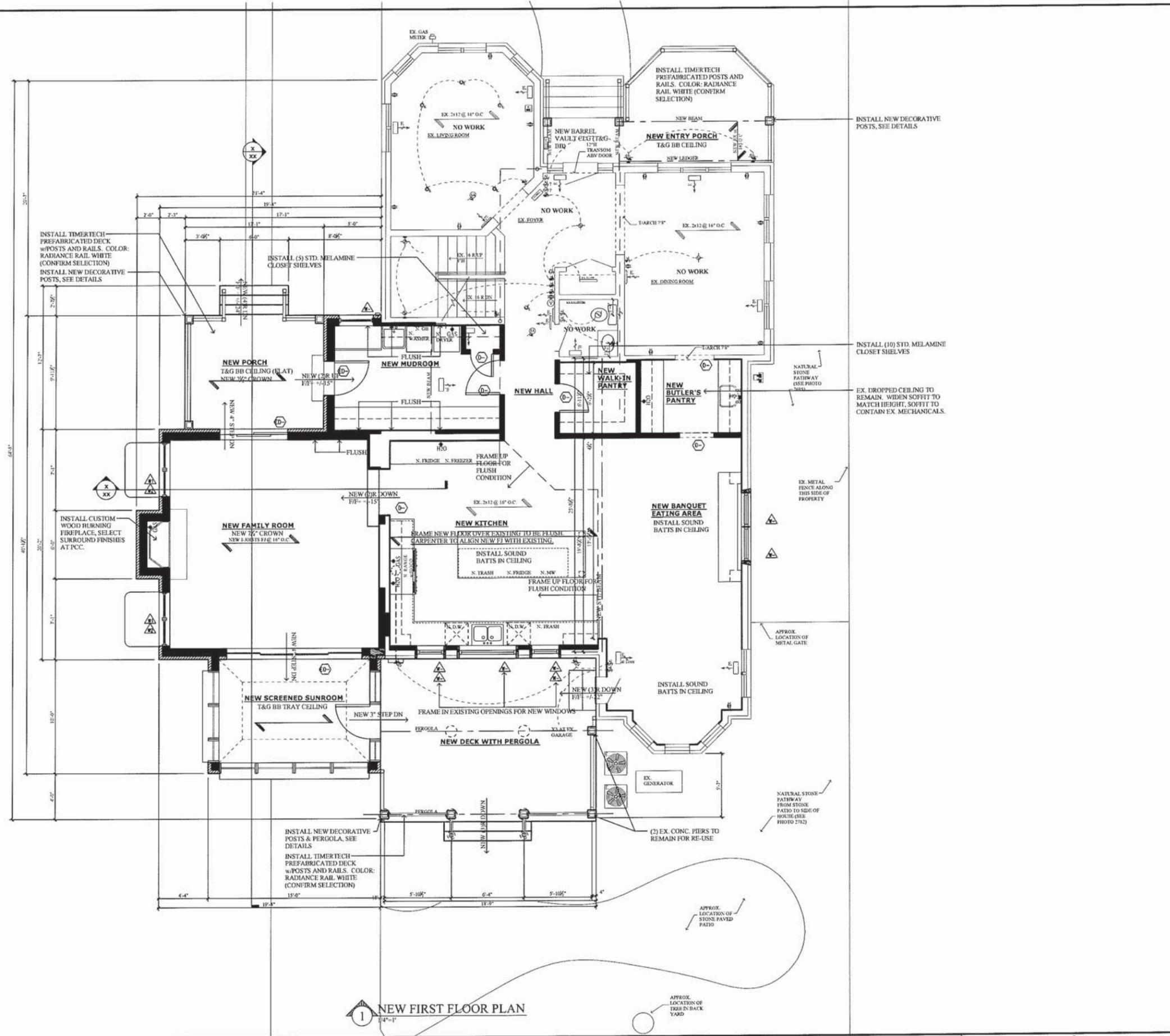
APP REFERENCE: C-L

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SHEET TITLE:

**NEW FIRST FLOOR PLAN**

8 OF 29



**1 NEW FIRST FLOOR PLAN**



ISSUE DATES	DESCRIPTION
09/20/2013	EXISTING CONDITIONS ( ECD )
-/-/-	ISSUED FOR PERMIT
-/-/-	PERMIT REVISION #1
-/-/-	PERMIT REVISION #2
-/-/-	ISSUED FOR PCC
-/-/-	ISSUED FOR READY
-/-/-	ISSUED FOR PRE-START REVIEW
-/-/-	ISSUED FOR CONSTRUCTION

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BUYER	DATE
BUYER	DATE
AIROOM REPRESENTATIVE	DATE

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PROJECT ARCHITECT: **BRIAN R. MAITE**

PROJECT DEVELOPMENT MANAGER (S): **KLEIN / KELLY**

PROJECT NO.: **130182**

SHEET TITLE: **SECTIONS & DETAILS**

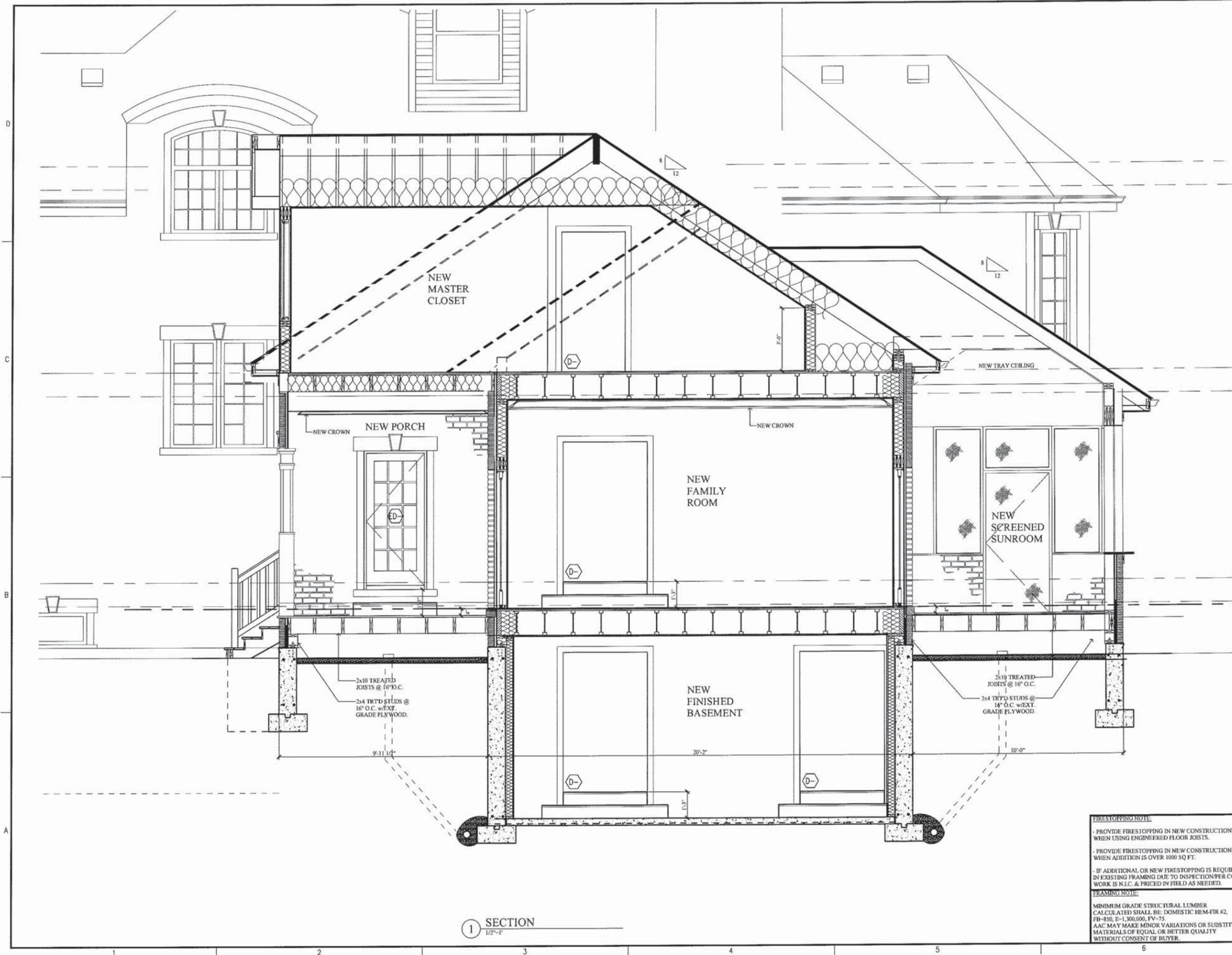
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 CAD LAYOUT: [Text] [RTxt] [Text]

CAD FILE NAME: [Text] [RTxt] [Text]

REVIEW DETAIL: [Text] [RTxt] [Text]

ADD REFERENCE: [Text] [RTxt] [Text]

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**1 SECTION**  
 1/2" = 1'

**FIRESTOPPING NOTE:**

- PROVIDE FIRESTOPPING IN NEW CONSTRUCTION WHEN USING ENGINEERED FLOOR JOISTS.
- PROVIDE FIRESTOPPING IN NEW CONSTRUCTION WHEN ADDITION IS OVER 1000 SQ. FT.
- IF ADDITIONAL OR NEW FIRESTOPPING IS REQUIRED IN EXISTING FRAMING DUE TO INSPECTION PER CODE, WORK IS N.I.C. & PRICED IN FIELD AS NEEDED.

**FRAMING NOTE:**

MINIMUM GRADE STRUCTURAL LUMBER CALCULATED SHALL BE: DOMESTIC HEM-FIR #2, FB-#50, E-1, 300,000, TV-75. AAC MAY MAKE MINOR VARIATIONS OR SUBSTITUTE MATERIALS OF EQUAL OR BETTER QUALITY WITHOUT CONSENT OF BUYER.

ISSUES & REVISIONS:	
ISSUE DATES	DESCRIPTION
09/20/2013	EXISTING CONDITIONS (ECD)
-/-/-	ISSUED FOR PERMIT
-/-/-	PERMIT REVISION #1
-/-/-	PERMIT REVISION #2
-/-/-	ISSUED FOR FCC
-/-/-	ISSUED FOR READY
-/-/-	ISSUED FOR PRE-START REVIEW
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BUYER	DATE
AIROOM REPRESENTATIVE	DATE

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PROJECT DEVELOPMENT MANAGER (S): **KLEIN / KELLY**

PROJECT NO:

**130182**

SHEET TITLE:

**SECTIONS & DETAILS**

SHEET & FILE INFO

CAD LAYOUT:  Text  Text1

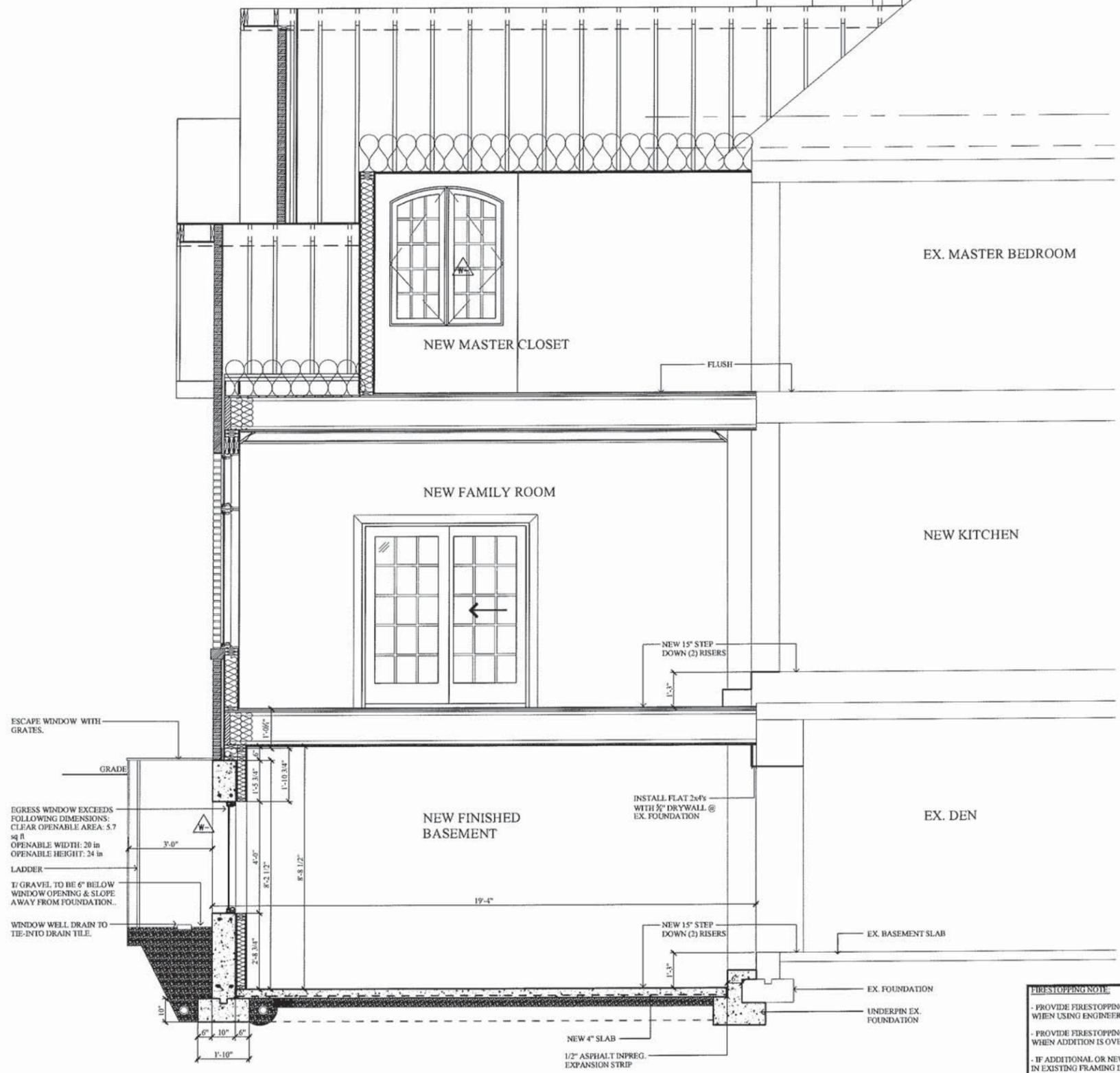
CAD FILE NAME:

TEXT FILE REF:

APP REFERENCE: C-L

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**6**  
 OF 15



ESCAPE WINDOW WITH GRATES.

GRADE

EGRESS WINDOW EXCEEDS FOLLOWING DIMENSIONS:  
 CLEAR OPENABLE AREA: 5.7 sq ft  
 OPENABLE WIDTH: 20 in  
 OPENABLE HEIGHT: 24 in

LADDER

1\"/>
 WINDOW WELL DRAIN TO TIE-INTO DRAIN TILE.

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**SECTION 1**  
 1/2\"/>

ISSUES & REVISIONS :	
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09/20/2013	EXISTING CONDITIONS ( ECD )
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APPROVALS:

BUYER \_\_\_\_\_ DATE \_\_\_\_\_

BUYER \_\_\_\_\_ DATE \_\_\_\_\_

AIROOM REPRESENTATIVE \_\_\_\_\_ DATE \_\_\_\_\_

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 PROJECT ARCHITECT: **BRIAN R. MAITE**  
 PROJECT DEVELOPMENT MANAGER (PDM): **KLEIN / KELLY**

PROJECT NO:  
**130182**

SHEET TITLE:  
**NEW NORTH  
 ELEVATION**

SHEET & FILE INFO  
 CAD LAYOUT: [Text] [Text]  
 CAD FILE NAME: [Text]  
 REVISION: [Text]  
 AFD REFERENCE: C-L

**16**  
 OF 29

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**1** NEW NORTH ELEVATION  
 1/4"=1'

D  
 C  
 B  
 A

1 2 3 4 5 6

ISSUES & REVISIONS:	
ISSUE DATES	DESCRIPTION
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BUYER	DATE
BUYER	DATE
AIROOM REPRESENTATIVE	DATE

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 PROJECT MANAGER: **MARV WARNER**  
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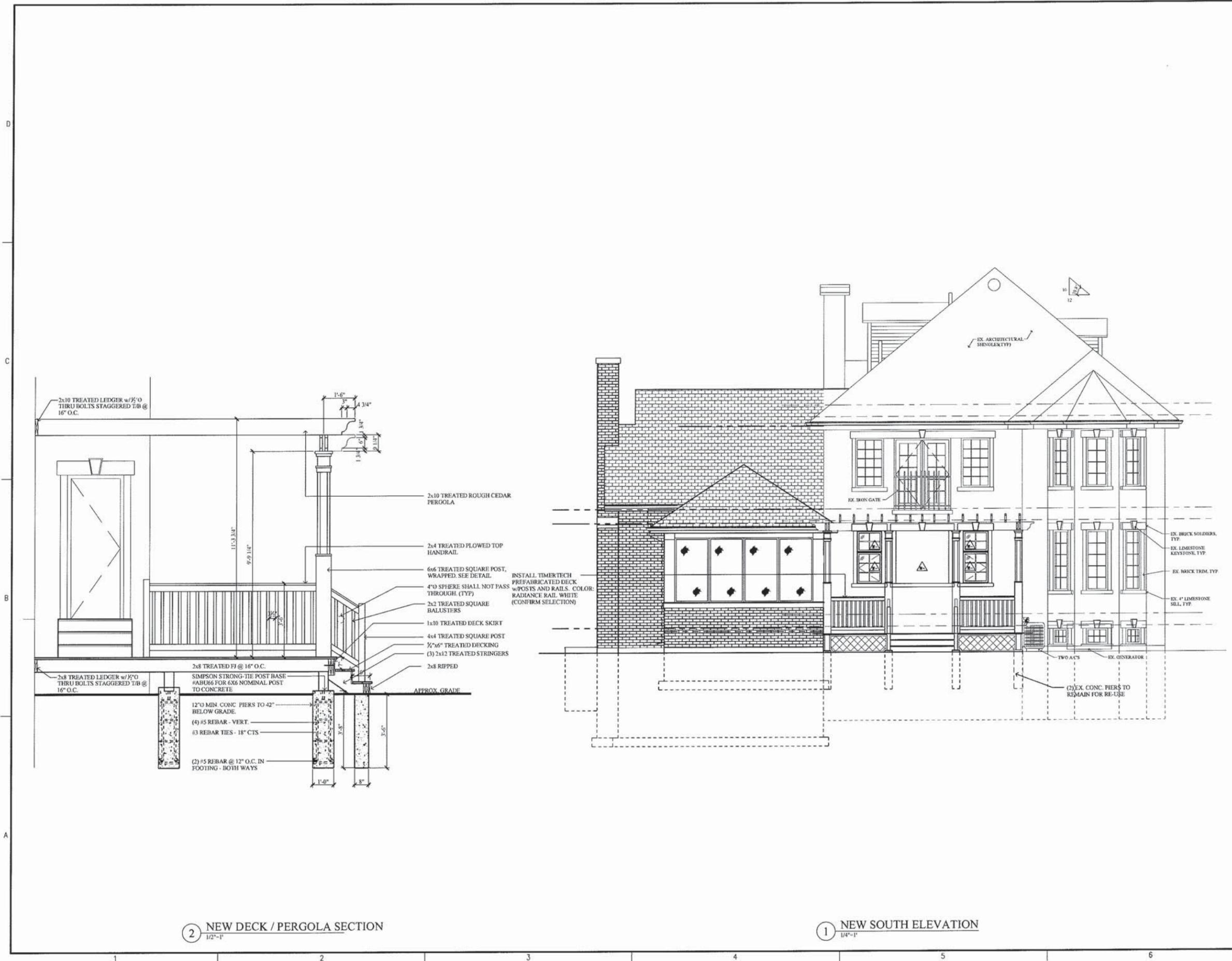
PROJECT NO.: **130182**

SHEET TITLE: **NEW SOUTH ELEVATION**

SHEET & FILE INFO:  
 CAD LAYOUT: [RText] [RText]  
 CAD FILE NAME: [RText] [RText]  
 INDEX REFERENCE: C-L

**18**  
 OF 29

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2 NEW DECK / PERGOLA SECTION  
 1/2" = 1"

1 NEW SOUTH ELEVATION  
 1/4" = 1"

ISSUES & REVISIONS :	
ISSUE DATES	DESCRIPTION
09/20/2013	EXISTING CONDITIONS ( ECD )
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-/-/-	ISSUED FOR PCC
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-/-/-	ISSUED FOR PRE-START REVIEW
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BUYER \_\_\_\_\_ DATE \_\_\_\_\_

AIROOM REPRESENTATIVE \_\_\_\_\_ DATE \_\_\_\_\_

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**IAN & NORA**

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 60093

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PROJECT CONTACT - POC NAME

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PROJECT ARCHITECT: **BRIAN R. MAITE**

PROJECT DEVELOPMENT MANAGER (PDM): **KLEIN / KELLY**

PROJECT NO: **130182**

SHEET TITLE: **NEW WEST ELEVATION**

SHEET & FILE INFO:

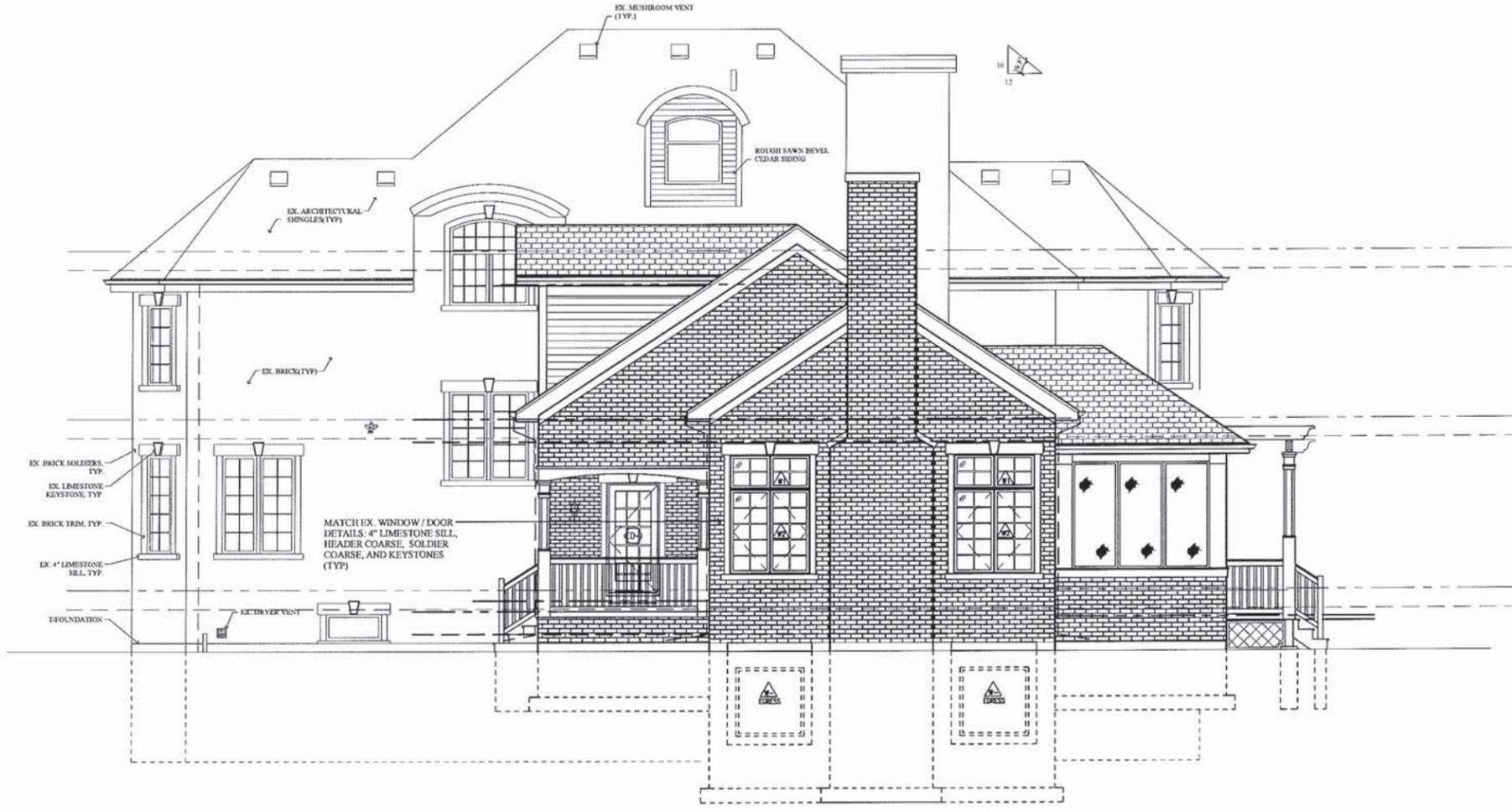
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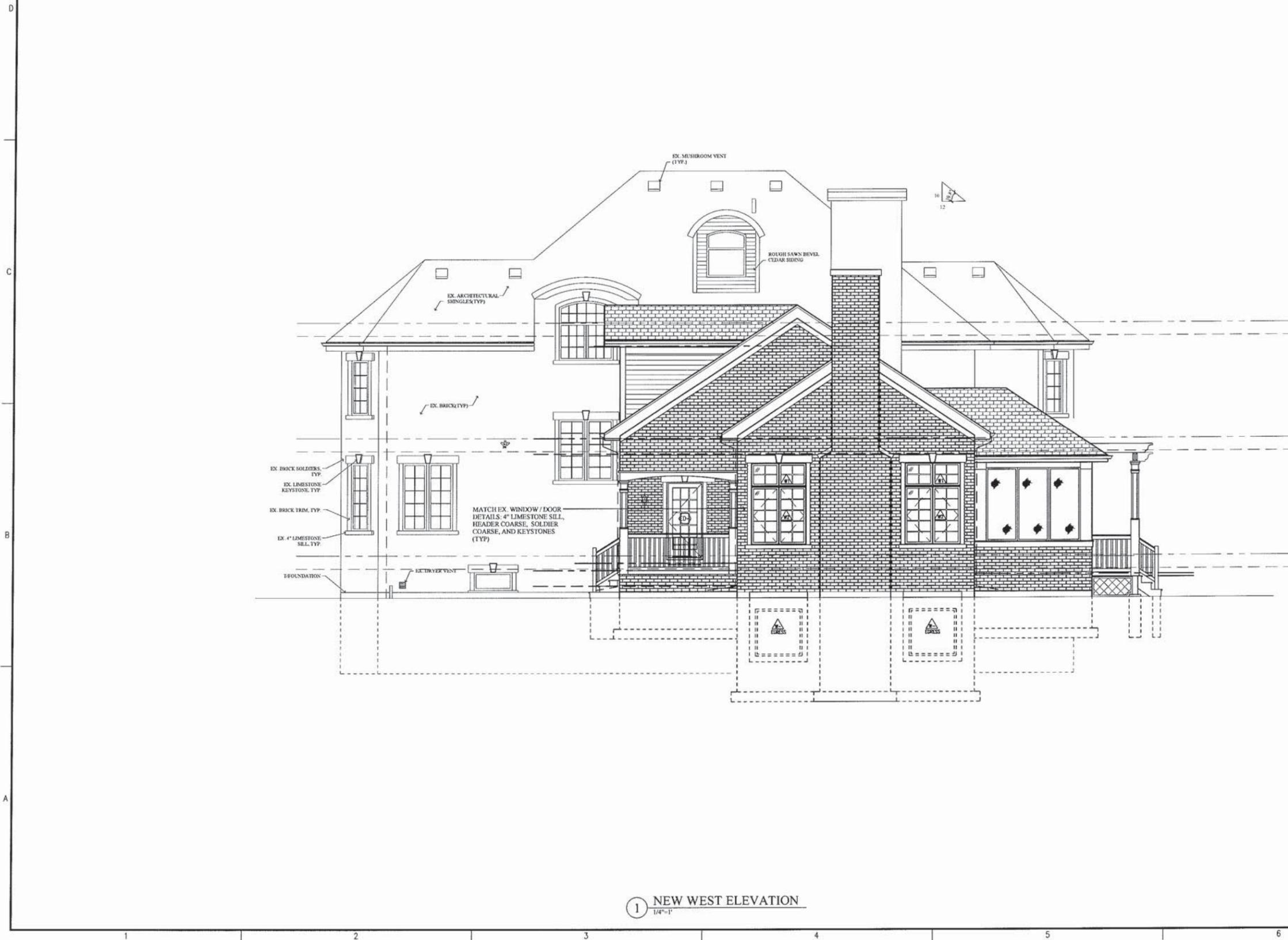
PDF REFERENCE: C - L

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OF 29

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1 NEW WEST ELEVATION  
 1/4"=1'



**WINNETKA PLAN COMMISSION  
APRIL 23, 2014 MEETING MINUTES**

**Members Present:**

Bill Krucks, Chairman  
Jan Bawden  
Jack Coladarci  
Chuck Dowding  
Paul Dunn  
Louise Holland  
Matt Hulsizer  
Keta McCarthy  
Scott Myers  
Jeanne Morette  
John Thomas

**Non-voting Members Present:**

Richard Kates

**Members Absent:**

Patrick Corrigan  
John Golan

**Village Staff:**

Michael D'Onofrio, Director of Community  
Development  
Brian Norkus, Assistant Director of Community  
Development

**Call to Order:**

The meeting was called to order by Chairman Krucks at 7:40 p.m.

Chairman Krucks stated that the Commission would now review the February 26, 2014 meeting minutes. He asked if there were any changes or edits to be submitted.

Ms. Bawden referred the Commission to page 13 and clarified her statement.

Chairman Krucks then asked Mr. Norkus if any other changes had been submitted.

Mr. Norkus confirmed that he had not received any changes via email.

Chairman Krucks asked if there was any discussion. No discussion was made by the Commission at this time. He then asked for a motion.

A motion was made by Mr. Thomas and seconded by Mr. Myers to approve the Plan Commission meeting minutes from February 26, 2014, as amended. The meeting minutes were unanimously approved.

**Final Plat Approval – Larkin Subdivision (Consolidation) of 988 and 992 Oak Street**

Mr. Norkus stated that he would provide the Commission with a brief staff report. He stated that most of the Commission members were on the Commission when the request first appeared in November 2013. Mr. Norkus stated that at that time, the Commission granted preliminary approval for the lots to be consolidated into a single lot. He stated that on the agenda is a request for final approval with the 2013 approval being preliminary only. Mr. Norkus then stated that the agenda report gives an explanation on the two step approval process.

Mr. Norkus stated that he would like to remind the Commission of their concerns during the preliminary review of the request and that the concern attached to the consolidation request is that the consolidation would result in a lot which would measure roughly twice the size of others in the neighborhood. He then referred to the proposed addition to the existing residence which was included in the application materials from November 2013. Mr. Norkus informed the Commission that the Commission and Village Council's reaction to those plans is that while those plans were not objectionable, there was concern with regard to the possible future additions being constructed to the home later or possibly that the home could be demolished and reconstructed as a significantly larger home due to the oversized lot size. He then stated that the Commission recommended that restrictive covenants be placed on the consolidation.

Mr. Norkus stated that the request went to the Village Council which agreed with the restrictive covenants in the agenda materials which were drafted to address two concerns. He stated that the first related mainly to put a limit on future additions to the existing residence and second, that there be a reversion clause upon the demolition of the existing residence and that the property owners be bound to revert the property from a 100 foot wide lot into two 50 foot lot configurations. Mr. Norkus also stated that there were other minor technical amendments to the plat provided by the applicant and the surveyor such as utility easements by the water and electric departments. He then asked the Commission if they had any questions.

Chairman Krucks asked Mr. Norkus for his and the Village staff's recommendation.

Mr. Norkus stated that they recommend approval of the plat as amended.

Chairman Krucks then stated that in reviewing the submission against the previous submission before the Commission, he asked if all the covenants have been met which were recommended by the Village Council.

Mr. Norkus confirmed that the covenants are being addressed by the Village attorney and that restrictions were placed by the Village Council in the resolution granting preliminary approval.

Chairman Krucks then asked Mr. Norkus if the submission complied in all respects.

Mr. Norkus confirmed that is correct.

Mr. Myers asked if the request would have to be presented to zoning.

Mr. Norkus responded that it would not and that the zoning variation was requested and granted by the ZBA. He confirmed that the request would not have to go back to the ZBA.

Ms. Holland stated that the home was not considered new construction since not more than 50% of it would be changed.

Chairman Krucks asked if there was any further discussion and if the petitioner is present. No further discussion was made by the Commission at this time. He then asked for a motion.

Mr. Thomas made a motion to recommend and grant final approval of the subdivision for 988 and 992 Oak Street. The motion was seconded.

Chairman Krucks asked if there was any further discussion. No further discussion was made by the Commission at this time. A vote was taken and the motion was unanimously passed.

AYES:	Bawden, Dunn, Holland, Hulsizer, Krucks, McCarthy, Myers, Morette, Thomas
NAYS:	None
NON-VOTING:	Kates

**Discussion of BCDC/ULI Recommendations on Parking and Building Height (Continued From Previous Meeting)**

Chairman Krucks informed the Commission that the request was continued from the February 2014 meeting.

Mr. Norkus stated that he would provide the Commission with a recap on the previous discussion. He stated that the Commission would recall that a detailed presentation of the BCDC’s recommendations were given relative to the ULI study and the various recommendations which were directed at revitalizing the business districts. Mr. Norkus stated that the Village Council asked the Commission to also review several of those recommendations. He noted that the ZBA also made specific recommendations and that there was further discussion on the ZBA with regard to a couple of those recommendations that the BCDC made.

Mr. Norkus then referred the Commission to page 2 of the agenda report and the six items on the list for the Commission’s review. He stated that the first item dealt with the recommendation by the BCDC of the parking ratio for non-residential uses. Mr. Norkus stated that the BCDC review found that the Village parking standards of 2 parking spaces per 1,000 square feet and on GFA were on the liberal side. He noted that while the BCDC did not recommend changing that standard, leaving the commercial parking requirements at 2 parking spaces per 1,000 square feet and that the Commission agreed with the recommendation of the BCDC.



## Agenda Item Executive Summary

**Title:** Fire Station Kitchen Renovation Change Order No. 1

**Presenter:** Alan J. Berkowsky, Fire Chief

**Agenda Date:** 05/20/2014

**Consent:**  YES  NO

<input type="checkbox"/>	Ordinance
<input type="checkbox"/>	Resolution
<input checked="" type="checkbox"/>	Bid Authorization/Award
<input type="checkbox"/>	Policy Direction
<input type="checkbox"/>	Informational Only

### Item History:

On March 4, 2014, the Village Council awarded RFP #14-001 to Prairie Forge Group for the renovation of the Winnetka Fire Station kitchen facility, last updated in 1996.

### Executive Summary:

This project is being facilitated under a Design/Build construction model. The original award authorization for \$79,900 was an estimate based on general knowledge of kitchen renovations. During the design phase, it was determined that more durable, commercial-type fixtures and finishes would be necessary to adequately complete the project in the interest of long-term sustainability. Consequently, Change Order No. 1 is being submitted for Village Council approval.

Funding for this project comes from the Foreign Fire Insurance Fund, which is separate from the Village's General Fund and Capital Projects Fund. Monies for this fund are generated from a 2% tax on fire insurance policies sold by out of state (foreign) insurance companies within the Fire Department's service area. State law dictates that these funds must be used for the betterment of the Department.

### Recommendation / Suggested Action:

Consider approval of RFP #14-001 Change Order No. 1.

### Attachments:

- 1) Memo from Chief Berkowsky, dated May 1, 2014
- 2) RFP #14-001 Change Order No. 1

# VILLAGE OF WINNETKA

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## INTERDEPARTMENTAL MEMO

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**TO:** ROB BAHAN, VILLAGE MANAGER  
**FROM:** ALAN BERKOWSKY, FIRE CHIEF  
**DATE:** MAY 1, 2014  
**SUBJECT:** FIRE STATION KITCHEN RENOVATION CHANGE ORDER NO. 1

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On March 4, 2014, the Village Council awarded RFP #14-001 for the Winnetka Fire Station kitchen renovation to Prairie Forge Group in the amount of \$79,900. The approved budget for this project was \$100,000.

During the design phase of this project, it was determined that additional funds would be necessary to outfit the renovated kitchen with more durable and long-lasting fixtures, cabinets, and amenities. The original authorization request for \$79,900 was an estimate based on a general approximation for the construction/renovation project since the final finishes were not yet selected. Once the final details were vetted, the more durable materials increased the original bid amount by \$21,382. The revised total cost for the project is \$101,282. Since the change order is more than 10% of the original price, it requires Council approval. Some of the upgrades include:

- Particle board cabinets to wood cabinets
- Upgrade the cabinet hardware and increase shelf thickness to ¾" plywood
- Full height Corian backslash instead of a half-height design
- Switch from an epoxy floor to a porcelain tile floor
- Adding two cabinets

The complete proposed change order is attached to this memorandum. All upgrades are designed to address durability issues for a kitchen that is utilized 365 days a year by multiple shifts. Please note that appliances will be authorized and purchased separately by the Foreign Fire Insurance Board. We believe these upgrades will be in the best interest of the Department, and in turn, the Village, as they represent an investment into the quality of the Fire Station.

Funding for this project is being provided from the Foreign Fire Insurance Fund, which is separate from the Village's General Fund and Capital Projects Fund. Monies for this fund are generated from a 2% tax on fire insurance policies sold by out of state (foreign) insurance companies within the Fire Department's service area. State law dictates that these funds must be used for the betterment of the Department.

Staff will be present to answer any questions that the Council members might have.

**TITLE:** Additional Upgraded Items

**DATE:** 4/30/2014

**PROJECT:** Winnetka Fire Station Kitchen Renov.

**JOB:** 2014004

**TO:** Attn: Nick Mostardo  
Winnetka Fire Department

**CONTRACT NO:** 3

**RE: To: From: Number:**

**DESCRIPTION OF PROPOSAL**

Per the owner's request furnish and install upgraded items as indicated. Add this change order amount to the total purchase order amount.

Item	Description	Stock#	Quantity	Units	Unit Price	Tax Rate	Tax Amount	Net Amount
00001	Furnish and install cabinets per Upgrade Cabinet Design Layout		1.000		\$2,620.00	0.00%	\$0.00	\$2,620.00
00002	Furnish Upgraded Cabinet Box Material (1/2" plywood box with full overlay door) Style to be "Delray".		1.000		\$8,950.00	0.00%	\$0.00	\$8,950.00
00003	Furnish and install Quartz material for Bar Countertop at Island		1.000		\$1,540.00	0.00%	\$0.00	\$1,540.00
00004	Furnish and install full height Solid Surface "Corian" backsplash - Style: Dupont Terra Collection, Color: Matterhorn		1.000		\$3,520.00	0.00%	\$0.00	\$3,520.00
00005	Furnish and install (3) additional under cabinet task lights		1.000		\$550.00	0.00%	\$0.00	\$550.00
00006	Furnish and install 6" x 24" porcelain floor tile - Color/Style : Avorio. including grout.		1.000		\$3,162.00	0.00%	\$0.00	\$3,162.00
00007	Furnish and install wood veneer wainscot around Island only, color to match cabinet finish		1.000		\$960.00	0.00%	\$0.00	\$960.00
00008	Slow Close Drawers, 3/4" plywood shelves, upgrade door style and finish to Cherry Wood		1.000		\$2,780.00	0.00%	\$0.00	\$2,780.00
00009	Corian upcharge for use of two color material		1.000		\$1,450.00	0.00%	\$0.00	\$1,450.00
00010	Furnish and install stainless steel panel behind range		1.000		\$450.00	0.00%	\$0.00	\$450.00

**APPROVAL:**

**By:** \_\_\_\_\_  
Nick Mostardo

**By:**   
David V. Stermetz

**Date:** \_\_\_\_\_

**Date:** 4-30-14

**TITLE:** Additional Upgraded Items

**DATE:** 4/30/2014

**PROJECT:** Winnetka Fire Station Kitchen Renov.

**JOB:** 2014004

**TO:** Attn: Nick Mostardo  
Winnetka Fire Department

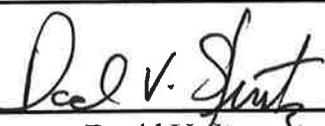
**CONTRACT NO:** 3

RE:	To:	From:	Number:				
<b>DESCRIPTION OF PROPOSAL</b>							
Item	Description	Stock#	Quantity Units	Unit Price	Tax Rate	Tax Amount	Net Amount
00011	Owner to purchase Appliances (3) Refrigerators, (2) Dishwashers		1.000	(\$4,600.00)	0.00%	\$0.00	(\$4,600.00)

**Unit Cost:** \$21,382.00  
**Unit Tax:** \$0.00  
**Total:** \$21,382.00

**APPROVAL:**

**By:** \_\_\_\_\_  
Nick Mostardo

**By:**   
David V. Stermetz

**Date:** \_\_\_\_\_

**Date:** 4.30.14



## Agenda Item Executive Summary

**Title:** Bid #014-013: Single-axle Dump Truck Replacement

**Presenter:** Steven M. Saunders, Director of Public Works/Village Engineer

**Agenda Date:** 05/20/2014

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input type="checkbox"/>            | Resolution              |
| <input checked="" type="checkbox"/> | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input type="checkbox"/>            | Informational Only      |

### Item History:

2014 Budget Item

### Executive Summary:

The 2014 budget contains \$185,000 for replacement of PW-20, a 1998 Freightliner FL-80 single-axle dump/snowplow truck. This vehicle has aged such that it is no longer suitable for use as a front-line snow removal truck, however the truck does have useful life and will be transferred to the Water & Electric department for use as a dump truck. Bid #014-013 was opened on April 8, 2014, and four bids were received:

1. Northwest Trucks, Inc. with Henderson Truck Equipment \$150,780.00  
No exceptions taken to the Village's specifications.

2. Northwest Trucks, Inc. with Auto Truck Group \$151,419.00  
13 exceptions taken to the Village's specifications.

3. Northwest Truck, Inc. with Bonnell Industries, Inc. \$155,131.00  
59 exceptions taken to the Village's specifications.

4. Northwest Trucks, Inc. with Lindco Equipment Sales, Inc. \$158,537.00  
13 exceptions taken to the Village's specifications, and listed the specified telescopic hoist for additional cost of \$1,580.00

### Recommendation / Suggested Action:

Consider awarding Bid #014-013 to Northwest Trucks, Inc. with body and equipment supplied from Henderson Truck Equipment, for \$150,780.00, for the purchase of a replacement single-axle dump/snowplow/salt truck and related equipment.

### Attachments:

1. Northwest Trucks, Inc. with Henderson Truck Equipment bid
2. Northwest Trucks, Inc. with Auto Truck Group bid
3. Northwest Truck, Inc. with Bonnell Industries, Inc. bid
4. Northwest Trucks, Inc. with Lindco Equipment Sales, Inc. bid

**ATTACHMENT #1**

**Northwest Trucks, Inc. with Henderson Truck Equipment bid**



# VILLAGE OF WINNETKA

*Incorporated in 1869*

## PROPOSAL FORM BID #014-013 SINGLE AXLE DUMP TRUCK

BID OPENING DATE: APRIL 8, 2014

TIME: 11:00 A.M.

Bidders **MUST** include a signed and notarized copy of the enclosed compliance affidavit with the returned bid form. The undersigned bidder hereby proposes to furnish and deliver as per terms, conditions and specifications of the attached bid document, one (1) ~~25-Yard Rear Loading Hydraulically Actuated Refuse Body~~ at the unit price listed below: If addenda have been received, acknowledge receipt by listing addenda numbers: \_\_\_\_\_

**Please mark the outside of bid envelope: BID #014-013.**

**NOTE: PRICE MUST INCLUDE DELIVERY.**

UNIT PRICE AS PER SPECIFICATIONS:

\$ 150,780<sup>00</sup>

MAKE: FREIGHTLINER W/HENDERSON

MODEL: 108SD

DELIVERY: 180 DAYS TERMS: 15 DAYS

510 Green Bay Road, Winnetka, Illinois 60093

Administration and Finance (847) 501-6000 Fire (847) 501-6029 Police (847) 501-6034  
Public Works (847) 716-3568 Water and Electric (847) 716-3558 [www.villageofwinnetka.org](http://www.villageofwinnetka.org)

**PROPOSAL FORM (CON'T)**

COMPANY NAME: NORTHWEST TRUCKS, INC

COMPANY ADDRESS: 2120 RAND ROAD

PALATINE, FL 60074

NAME (PRINT): Don Cooper PHONE: 847-991-0900

TITLE: TRUCK SALES DATE: 4-7-2014

AUTHORIZED SIGNATURE: 

## **COMPLIANCE AFFIDAVIT**

As a condition of entering into a contract with the Village of Winnetka, and under oath and penalty of perjury and possible termination of contract rights and debarment, the undersigned deposes and states that he has the authority to make any certifications required by this Affidavit on behalf of the bidder, and that all information contained in this Affidavit is true and correct in both substance and fact.

### **Section 1: BID RIGGING AND ROTATING**

1. This bid is not made in the interest of, or on behalf of an undisclosed person, partnership, company, association, organization or corporation;
2. The bidder has not in any manner directly or indirectly sought by communication, consultation or agreement with anyone to fix the bid price of any bidder, or to fix any overhead profit or cost element of their bid price or that of any other bidder, or to secure any advantage against the Village of Winnetka or anyone interested in the proper contract;
3. This bid is genuine and not collusive or sham;
4. The prices, breakdowns of prices and all the contents quoted in this bid have not knowingly been disclosed by the bidder directly or indirectly to any other bidder or any competitor prior to the bid opening;
5. All statements contained in this bid are true;
6. No attempt has been or will be made by the bidder to induce any other person or firm to submit a false or sham bid;
7. No attempt has been or will be made by the bidder to induce any other person or firm to submit or not submit a bid for the purpose of restricting competition;
8. The undersigned on behalf of the entity making this proposal or bid certifies the bidder is not barred from entering into this contract as a result of violations of either Section 33E-3 or Section 33E-4 of the Illinois Criminal Code.

### **Section 2: TAX COMPLIANCE**

1. The undersigned on behalf of the entity making this proposal or bid certifies that neither the undersigned nor the entity is barred from contracting with the Village of Winnetka because of any delinquency in the payment of any tax administered by the State of Illinois, Department of Revenue, unless the undersigned or the entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability of the tax or the amount of tax;

2. The undersigned or the entity making this proposal or bid understands that making a false statement regarding delinquency of taxes is a Class A Misdemeanor and in addition voids the contract and allows the municipality to recover all amounts paid to the entity under the contract in civil action.

### Section 3: EQUAL EMPLOYMENT OPPORTUNITY

This EQUAL OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act, 775 ILCS 5/101 et seq.

In the event of the contractor's non-compliance with any provision of the Equal Employment Opportunity Clause, the Illinois Human Rights Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights, the contractor may be declared non-responsive and therefore ineligible for future contractor subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulations.

During the performance of this contract, the contractor agrees:

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or woman are underutilized and will take appropriate action to rectify any such underutilization;
2. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contract's) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized;
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.
4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other such agreement or understanding, a notice advising such labor organization or representative of the contractor's obligation under the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contract. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so

notify the Department and contracting agency will recruit employees from other sources when to fulfill its obligation thereunder.

5. That it will submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contracts.
6. That it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Departments Rules and Regulations for Public Contracts.
7. That it will include verbatim or by reference the provisions of this Equal Opportunity Clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

#### **Section 4: ILLINOIS DRUG FREE WORK PLACE ACT**

The undersigned will publish a statement:

1. Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or a use of a controlled substance is prohibited in the work place;
2. Specifying the actions that will be taken against employees for violating this provision;
3. Notifying the employees that, as a condition of their employment to do work under the contract with the Village of Winnetka, the employee will:
  - A. Abide by the terms of the statement;
  - B. Notify the undersigned of any criminal drug statute conviction for a violation occurring in the work place not later than five (5) days after such a conviction.
4. Establishing a drug free awareness program to inform employees about:
  - A. The dangers of drug abuse in the work place;

- B. The policy of maintaining a drug-free work place;
  - C. Any available drug counseling, rehabilitation or employee assistance programs;
  - D. The penalties that may be imposed upon an employee for drug violations.
5. The undersigned shall provide a copy of the required statement to each employee engaged in the performance of the contract with the Village of Winnetka, and shall post the statement in a prominent place in the work place.
  6. The undersigned will notify the Village of Winnetka within ten (10) days of receiving notice of an employee's conviction.
  7. Make a good faith effort to maintain a drug free work place through the implementation of these policies.
  8. The undersigned further affirms that within thirty (30) days after receiving notice of a conviction of a violation of the criminal drug statute occurring in the work place he shall:
    - A. Take appropriate action against such employee up to and including termination;  
or
    - B. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

#### **Section 5: SEXUAL HARRASSMENT POLICY**

The undersigned on behalf of the entity making this proposal or bid certifies that a written sexual harassment policy is in place pursuant to Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A).

This Act has been amended to provide that every party to a public contract must have written sexual harassment policies that include, at a minimum, the following information:

1. The illegality of sexual harassment;
2. The definition of sexual harassment under State law;
3. A description of sexual harassment, utilizing examples;
4. The vendor's internal complaint process, including penalties;

5. The legal recourse, investigative and complaint process available through the Department of Human Rights, and the Human Rights Commission;

6. Directions on how to contact the Department and Commission;

7. Protection against retaliation as provided by 6-101 of the Act.

**Section 6: VENDOR INFORMATION**

1. Is the bidder a publicly traded company? (yes or no)           No          

If the answer is yes, state the number of outstanding shares in each class of stock.  
Provide the name of the market or exchange on which the company's stock is traded.

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2. Is the bidder 50% or more owned by a publicly traded company? (yes or no)           No          

If the answer to the above question is yes, name the publicly traded company or companies owning 50% or more of your stock, state the number of outstanding shares in each class of stock and provide the name of the market or exchange on which the stock of such company or companies is traded.

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IT IS EXPRESSLY UNDERSTOOD THAT THE FOREGOING STATEMENTS AND REPRESENTATIONS AND PROMISES ARE MADE AS A CONDITION TO THE RIGHT OF THE BIDDER TO RECEIVE PAYMENT UNDER ANY AWARD MADE UNDER THE TERMS AND PROVISIONS OF THIS BID.

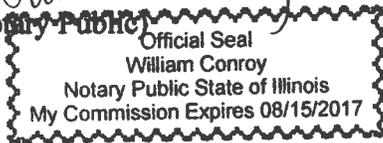
SIGNATURE: *Don Cooper*

NAME: Don Cooper TITLE: TRUCK SALES  
(print or type)

Subscribed and sworn to me this 7<sup>th</sup> day of APRIL,

2014, A.D.

By: *William Conroy*  
(Notary Public)



-Seal-

**BID No. 014-013  
SPECIFICATIONS FOR A SINGLE AXLE DUMP TRUCK**

**GENERAL:**

The Village of Winnetka is seeking competitive bids for one (1) Single axle dump truck. This specification shall describe a Single Axle Dump Snowplow/Salt Truck and Related Equipment. Bidders must submit with their bid complete specifications on the unit they propose to furnish.

<b>MINIMUM CHASSIS REQUIREMENTS</b>	<b>COMPLIANCE</b>
<b>VEHICLE CONFIGURATION</b>	
Most Current Model Year – Please state year <i>2015</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Set Back Axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>GENERAL SERVICE</b>	
Expected front axle load of 18,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected rear axle load of 23,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected gross vehicle weight capacity of 41,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE</b>	
Minimum horsepower rating of 300 HP @ 2600 RPM, 2600 GOV, 660 lb/ft@1600 RPM	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE EQUIPMENT</b>	
2013 EPA/CARB emission certification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean Idle Certified sticker on left side of hood	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine mounted oil check and fill	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Side of hood air intake with firewall mounted Donaldson air cleaner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12V 200 AMP 28-SI quadramount pad alternator with remote battery voltage sense.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) Alliance model 1231, group 31, 12 volt maintenance free 2250 CCA threaded stud batteries.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Battery box to be frame mounted on the left side at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18.7 CFM air compressor with internal safety valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic engine integral shutdown protection system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Right hand outboard under step mounted horizontal after-treatment device with right hand horizontal tailpipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine after-treatment device, automatic over the road regeneration and dash mounted regeneration request switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13 gallon diesel exhaust fluid tank with 100% diesel exhaust fluid fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Borg Warner (Kysor) rear on/off engine fan clutch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spin on style fuel filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Full flow oil filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1200 square inch aluminum radiator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Antifreeze rated to -34F, NOAT extended life.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gates blue stripe coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Constant tension hose clamps for coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric grid air intake warmer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Delco 12V, 38MT HD starter with integrated magnetic switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION</b>	
Allison 3500RDS automatic transmission with PTO provision.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION EQUIPMENT</b>	
WTEC calibration – 6 speed RDS package with Allison Optimized. (Package 223)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vehicle interface wiring with Body Builder connector at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Electronic transmission customer access connector firewall mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push button, electronic shift control to be dash mounted	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission Prognostics enabled	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water to oil transmission cooler	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission oil check and fill with electronic oil level check	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission to be supplied with synthetic transmission fluid and be TES-295 compliant.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT AXLE AND EQUIPMENT</b>	
20,000 pound front axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 6 Q+ cast spider cam front brakes, Double anchor fabricated shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos front brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron front brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vented front hub caps with window – oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard spindle nuts for all axles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic front slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TRW TAS-85 power steering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Power steering pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 quart see through power steering reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 front axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT SUSPENSION</b>	
18,000 pound tapered leaf front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Graphite bronze bushings with seals for front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front shock absorbers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR AXLE AND EQUIPMENT</b>	
23,000 pound single rear axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.14 rear axle ratio.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Iron rear axle carrier with standard axle housing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17T main extended lube driveline with half round yokes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 7 P cam rear brakes, double anchor, cast shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Brake cams and chambers on forward side of drive axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos rear brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron rear brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rear oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex Goldseal longstroke 1 drive axle spring parking chambers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic rear slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 rear axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR SUSPENSION</b>	
23,000 pound flat leaf rear suspension with helper and radius rod.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard U-bolt pad.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fore and aft control rods.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>BRAKE SYSTEM</b>	
Air brake package	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wabco 4S/4M ABS without traction control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced nylon, fabric braid and wire braid chassis air lines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BW AD-IS (DRM) air dryer with integrated air governor and heater.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air dryer reservoir mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steel air brake reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Petcock drain valves on all air reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELBASE AND FRAME</b>	
162 inch wheelbase, 96 inch cab-to-axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

11/32"x 3-1/2"x 10-5/16" steel frame, 120 KSI	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" C-channel inner frame reinforcement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
24" integral front frame extension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Primary connector/receptacle wired for separate Stop/Turn with center pin power through ignition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CHASSIS EQUIPMENT</b>	
14" painted steel bumper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front tow hooks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fender and front of hood mounted front mudflaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Huckspin round collar chassis frame fasteners.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FUEL TANKS</b>	
90 gallon aluminum fuel tank, left hand mounted, 23" diameter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank forward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank cap.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Alliance fuel filter/water separator with heated bowl and primer pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Equiflo inboard fuel system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High temperature reinforced nylon fuel line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TIRES</b>	
Michelin XZU-S2 315/80R22.5 20 ply radial front tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Michelin XZU M/S 11R22.5 14 ply radial rear tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HUBS</b>	
Comnet pre-set bearing iron front and rear hubs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELS</b>	
22.5x9.00 10 hub pilot 5 hand steel disc front wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.5x8.25 10 hub pilot 2 hand steel disc rear wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB EXTERIOR</b>	
108" BBC flat roof conventional aluminum cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air cab mounts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-removable bug screen mounted behind the grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bolt-on molded flexible fender extensions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and Right hand grab handles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stationary black grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black hood mounted air intake grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hood liner, added firewall and floor heat insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual 14 inch round polished air horn with horn shield.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual electric horns.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door locks and ignition switch keyed the same with four keys. Key code to be FT2525.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Halogen composite headlights with black bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LED aerodynamic marker lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral stop/tail and back up lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual West Coast bright finish heated mirrors with left hand and right hand remote.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door mounted mirrors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand bright finish convex mirrors mounted under primary mirror.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
63" x 14" tinted rear window.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tinted door glass left hand and right hand with tinted operating wing windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Right hand and Left hand electric powered windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 piece tinted curved bonded windshield with heated wiper blade park areas.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8 liter windshield washer reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB INTERIOR</b>	
Opal gray vinyl interior.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand molded door panels with aluminum kick plate on lower door.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black mats with single insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted ash tray and lighter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Forward roof mounted console with upper storage compartments without netting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) cupholders left hand and right hand dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gray/Charcoal flat dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5lb fire extinguisher.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Heater, defroster, and air conditioning.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard HVAC ducting with snow shield for fresh air intake.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Main HVAC controls with recirculation switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard heater plumbing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Denso heavy duty air conditioner compressor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Premium insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Solid state circuit protection and fuses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dome light with 3-way switch activated by left and right doors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand electric door locks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) 12 volt power supply in dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Triangular reflectors without flares.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High back air suspension drivers seat and passenger seat with mechanical lumbar support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand integral door panel armrests.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black Cordura Plus cloth drivers and passengers seat covers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 point high visibility orange retractor driver and passenger seat belts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Adjustable tilt and telescoping steering column.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4 spoke 18" steering wheel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Driver and passenger interior sun visor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>INSTRUMENTS AND CONTROLS</b>	
Gray driver and center instrument panels	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black gauge bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Low air pressure light and buzzer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch primary and secondary air pressure gauges.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted air restriction indicator with graduations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Preco 1040 87 Dbl automatic self adjusting back up alarm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic cruise control with switches in LH switch panel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Key operated ignition switch and integral start position, four position off/run/start/accessory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Odometer/trip/hour/diagnostic/voltage display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Diagnostic interface connector, 9 pin, SAE J1939, located below the dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch electric fuel gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programmable RPM control – electronic engine.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electrical engine coolant temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch transmission oil temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine and trip hour meters integral within driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric engine oil pressure gauge	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

AM/FM/WB radio dash mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) radio speakers in the cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
AM/FM antenna mounted on forward LH roof.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic MPH speedometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic 3000 RPM tachometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Digital voltage display integral with driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Single electric windshield wiper motor with delay and Arctic type blades.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Marker light switch integral with headlight switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) valve parking brake system with warning indicator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral electronic turn signal flasher with hazard lamps over riding stop lamps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>COLOR</b>	
Cab to be painted one solid color.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab color is to be N0876EA Holly Green Elite SS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black, high solids polyurethane chassis paint.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vendor white front and rear wheels/rims.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MISC. EQUIPMENT</b>	
Truck dealer is to be within 60 miles of the Village of Winnetka.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Truck dealer to have parts delivery available during normal business hours Monday through Friday.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Extended towing is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Base vehicle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab corrosion/perforation warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Frame rails and cross members warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steer and Drive axle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A complete set of parts and service CD's are to be provided.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bidders must include a written Warranties in bid packet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	<b>COMPLIANCE</b>
Inside length of 10 feet	<input type="checkbox"/> Yes <input type="checkbox"/> No
Inside width to be 84"	<input type="checkbox"/> Yes <input type="checkbox"/> No
Side height of 30 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Tailgate height of 38 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Headsheet height of 48 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>SIDES &amp; HEADSHEET</b>	
One-piece sides & headsheet to be 10 gauge 201 stainless steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.	<input type="checkbox"/> Yes <input type="checkbox"/> No

<del>AM/FM/WB radio dash mounted.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Two (2) radio speakers in the cab.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>AM/FM antenna mounted on forward LH roof.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Electronic MPH speedometer.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Electronic 3000 RPM tachometer.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Digital voltage display integral with driver display.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Single electric windshield wiper motor with delay and Arctic type blades.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Marker light switch integral with headlight switch.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>One (1) valve parking brake system with warning indicator.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Integral electronic turn signal flasher with hazard lamps over riding stop lamps.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>COLOR</b>	
<del>Cab to be painted one solid color.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Cab color is to be N0876EA Holly Green Elite SS</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Black, high solids polyurethane chassis paint.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Vendor white front and rear wheels/rims.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>MISC. EQUIPMENT</b>	
<del>Truck dealer is to be within 60 miles of the Village of Winnetka.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Truck dealer to have parts delivery available during normal business hours Monday through Friday.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Engine warranty is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Transmission warranty is 5 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Extended towing is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Base vehicle warranty is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Cab corrosion/perforation warranty is 5 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Frame rails and cross members warranty is 5 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Steer and Drive axle warranty is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>A complete set of parts and service CD's are to be provided.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Bidders must include a written Warranties in bid packet.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	<b>COMPLIANCE</b>
<del>Inside length of 10 feet</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Inside width to be 84"</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Side height of 30 inches.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Tailgate height of 38 inches.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Headsheet height of 48 inches.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>SIDES &amp; HEADSHEET</b>	
<del>One-piece sides &amp; headsheet to be 10 gauge 201 stainless steel</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>A 10 ga. 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>

	Each rear corner post shall have three light holes to accept a 6" oval light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	To prevent as much road spray as possible from entering the rear body corner posts, 201 stainless steel removable covers shall be installed on the bottom of each. This cover shall be removable by removing two cotter pins.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 10 ga. 201 stainless steel vertical headsheet with a formed-in doghouse extends a maximum of 12" into the body. The doghouse is to be straight from top to bottom, not tapered.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The vertical headsheet shall have chain hook points in each top corner to pick up the body in case of cylinder or hydraulic system failures.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A one piece side with a formed in rubrail. Floor to side seam on underside of body continuously welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 1-1/2" wide grip strut walk rail shall be installed along each side of the dump body and shall run from the front corner to near the rear corner post, leaving room to allow for the coupling of the spreader quick disconnects.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A three step pull out style ladder will be installed on the driver's side front corner of the body. This ladder is 17-1/2" wide and will have the ability to be stowed into a travel position. This ladder is to be installed prior to application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A grab handle is to be installed within easy reach of the operator while on the ladder. This grab handle is to be installed prior to the application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 12" 201 stainless steel asphalt pan shall be provided. This pan shall be pinned on the rear corner posts utilizing the under-tailgate spreader mounting brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>FLOOR</b>	
	One-piece 1/4" AR400 floor. Two piece floors and welded floor to side radius construction is not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	4" floor to side radius. Spliced in sections are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The floor is to be a Western style cross-memberless floor. Cross members are not allowed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	One-piece 5" x #10.0 I-beam long sills OR 1/4" formed trapazoidal longs sills will be acceptable. Please state which will be provided below:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Maximum mounting height of 9" from top of frame rails to bottom of body floor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>TAILGATE</b>	
	One piece 10 ga 201 stainless steel tailgate sheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Full perimeter boxing with all horizontal edges sloped outward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Shall have one 10 ga. 201 stainless steel sloped horizontal brace that is flush with the perimeter boxing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Flush mount, 1/2" flame cut pivots	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Heavy duty offset hinge plates, 1" flame cut	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	3/4" latch hooks with 3/8" latch plates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1-1/4" Hot Rolled upper and lower pins	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Double acting air cylinder style air tailgate release mechanism with electric switch installed in cab as part of the chassis electrical package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The upper tailgate pins will have provisions to be permanently attached to the body by a chain long enough to allow the pin to be installed and removed easily. There shall be a pin storage bracket installed in a convenient location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There is to be no tailgate linkage at the front of the body. No Exceptions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A 12" 7 gauge grade 50 asphalt tray shall be provided. This shall utilize the spreader quick detach brackets and pins for installation. The asphalt tray should be painted black.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>HOIST</b>	
	Single cylinder, front trunnion mount; must be of a bore-seal design. Inverted cylinder is not acceptable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	N.T.E.A. class 50	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	3 stage cylinder, 90" stroke, with a 4.5" minimum first stage diameter	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Wear and corrosion resistant Nitrited cylinder tubes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Minimum 2 year cylinder warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Connecting pivots to have replaceable greaseless composite bushings	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Oscillating cylinder collar	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Cylinder to be a Mailhot Industries CS series full double acting cylinder. Under-Body scissor hoist systems are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>SUBFRAME &amp; REAR HINGE ASSEMBLY</b>	
	4" structural channel subframe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	6" x 4" x 3/8" structural angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	303 stainless steel 1-1/2" 1045 C.R. hinge pins connecting to 2-1/2" hinge blocks using replaceable <u>greaseless</u> composite bushings for a minimal pin-to-bushing clearance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>ELECTRICAL AND LIGHTING PACKAGE</b>	
	Rubber mounted, shock resistant stop/turn/tail/back up lights in each rear corner post. Lights are to be Maxxima part number M85615R 6" oval LED.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Rubber mounted, shock resistant I.C.C. 3-light cluster, for mounting in a fabricated light bar to be installed in the rear body hinge. All lights are to be Grote part number 47122 2-1/2" round LED with rubber grommets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Four red rear, two side mounted red rear reflectors, and two side mounted amber front reflectors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Two rubber mounted, shock resistant amber flashing warning light in each rear corner post. Lights are to be Whelen 5G Super-LED series, part number 5GA00FAR with rubber grommets or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Two surface mounted stop/tail/turn lights shall be mounted on the rear pintle plate. Lights are to be Whelen 600 series, part number 60R00XRR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	One surface mounted back up light shall be mounted on the rear pintle plate. Light is to be Whelen 400 series, part number 40C00VCR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	One 72" Whelen Justice lightbar is to be installed on the roof of the cab. This bar is to have two LED amber lighthoods on each end and two facing forward. The lightbar shall also have two LED white working lights in the center.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The lightbar is to be installed on Whelen 8" aluminum riser brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The wiring harness for the lightbar is to be wired through the roof of the chassis directly below the lightbar utilizing a compression fitting. After installation the compression fitting is to have silicone applied to the outside to eliminate leaks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Snow plow lights shall be installed on the hood of the chassis. The light should be Hella brand Model CS220 series lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snowplow light brackets must be 304 stainless steel that is laser cut and formed from a single sheet of 7 gauge. The light bracket is to be installed using rubber grommets through the fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A Hella LED spreader light is to be installed on the street side rear of the spreader.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The spreader light should be wired into the sealed wiring spreader harness that is connected to the 9 pin trailer plug	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 97 Dbl., 12 volt back up alarm is to be installed at the rear of the frame	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A body up switch is to be installed with a warning indicator intergrated into the electronic spreader controller described within these specifications.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A Truck-Lite Model 15, Part number 15205 LED lincense plate light and bracket part number 42722 is to be installed at the rear of the frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An electric over air solenoid is to be installed to operate the air tailgate. This solenoid is to be installed within easy reach of the operator while they are outside the cab of the truck and should have a manual over ride in case of failure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>CABSHIELD AND TARP SYSTEM</b>	
	A 10 ga 201 stainless steel cabshield shall be included. The cabshield must be a minumum of 90" x 22", and should be sold welded to the vertical headsheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The cabshield is to have an integral tarp housing built into it large enough to store a manually retractable asphalt rated tarping system with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A spring loaded manual tarp system is to be provided and installed in the above tarp housing. This tarp should be hot asphalt rated with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tarp rope storage hooks are to be installed on the dump body front drivers side corner and on the tailgate at the rear of the body. Tarp hooks on the isde of the dump body are to be installed per the manufacturer's instructions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Two Whelen LED stripe lights are to be installed on each side of the cabshield facing the rear. There is to be one red LED stop/tail/turn light and one amber LED warning light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	These lights are to be installed one above the other in a stainless steel tarpered bracket that is bolted to the cabshield side support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>PAINT PREPARATION</b>	
	All surfaces are high pressure cleaned & phosphated The under side of the floor and long sills shall be primed with an two-part urethane primer. A finish coat of POR-15 shall be applied over the primer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>SNOWPLOW HITCH:</b>	
	Any Snowplow hitch provided must be compatible with existing snowplows in the Village fleet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame height of 33 5/8"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame width 26" for 30 1/2" centers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snow plow coupling device must be of the quick attach and release design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The receiver opening must be tapered and allow up to a 5" horizontal misalignment when connecting plow to truck.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Receiver boxes shall be fabricated from 1/2" plate and welded to 4" x 4" x 1/2" vertical structural angles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame members are 1/2" x 4" x 4" structural angle. This hitch is low profile for access to the truck's engine compartment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The lift arm and lift frame shall be designed to accept either a 3" or 4" lift cylinder with nitride cylinder tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Cylinders pins are to be 1" cold rolled steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A 4" x 10" double acting lift cylinder with a nitrated cylinder tube is to be supplied. The top port of the cylinder shall be plumbed with a 1/2" male quick disconnect and the bottom port of the cylinder shall be plumbed with a 1/2" female quick disconnect for removing the cylinder without the use of tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self-storing lift arm, accomplished by pulling one 1" pin and folding the cylinder up, allows you to re-pin to store.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The telescopic lift arm shall be manufactured of 4" x 4" x 3/8" square outer tubing and 3" x 3" x 3/8" square inner tubing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lifting plate shall be 3/8" x 4" flat material and have two banjo-type chain eyes able to accept 1/2" chain as well as the weight of the plow.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow hitch is to be welded to a 5/8" thick push plate and 1/2" cheek plates, which are bolted to the front frame rails and extend back to approximately the centerline of the front axle. Spacer bushings installed between the frame rails and cheek plates are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" x 2" x 1/2" angle that is a minimum of 6" long should be installed on the inside of the cheek plate and below the frame rail on each side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The OEM front bumper shall be modified and re-installed on the front of the truck. 1/4" x 1-1/2" stainless steel bumper braces should be installed between the back of the bumper and the frame rail on each side of the snowplow hitch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A pressure release valve is to be plumbed into the hydraulic lines of the plow reversing circuit and installed near the front hitch. This valve is to have a 1/4" hydraulic line that is plumbed back to the hydraulic reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SNOWPLOW</b>	
Height of moldboard is 42"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Length of moldboard is 11 feet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cutting path at 35° for an 11' plow is 108".	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3/8" thick poly moldboard with eight (8) 1/2" x 3 1/2" ribs for extra strength and rigidity.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to be an inverted "J" style	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to have a mailbox cut on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All welds must be continuous (skip welds not acceptable)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced 4" x 4" x 3/4" bottom angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3-1/2" x 2-1/2" x 3/8" top angle with holes to allow moisture to escape.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two horizontal braces for added rigidity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Attack angle is adjustable to 5°, 10°, and 20°	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A Winter Equipment Co. Carbide Blade Kit Part#SYS-RZ11FC is to be installed prior to delivery. <b>NO EXCEPTIONS.</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece cutting edge torsional trip with five (5) 3/4" square torsional springs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring pressure easily adjustable to 60% of maximum setting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring assembly must be designed to allow zero insertion force and disassembly with common hand tools and adjusting wrench (adjusting wrench supplied from factory)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame width is 119"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame 4" x 4" x 3/8" structural tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Six (6) moldboard-to-push frame pivot points with 1-1/4" bushings pin to two 5/8" mounting ears.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard attack angle brace connection plates are encased and continuous welded to the push frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Two (2) 3.5" x 3" x 16" nitrided hydraulic cylinders are single-acting for heavy duty power reversing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Circle-frameless outboard reversing cylinder design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be cleaned to remove slag, splatter, oxide, and oil residue.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 12' rubber snowdeflector shall be mounted to the top angle of the moldboard.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two 36" plastic sight markers will be provided, one on each end.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A set of Sno-Wheels rubber covered wheels will be installed on the plow when delivered. Snow Wheel Systems Part#6509 <b>NO EXCEPTIONS</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow pushframe shall have a universal quick hitch style quick attach bolted to it with a 1-1/4" bolt. Must match Winnetka's existing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SALT SPREADER:</b>	
Height (with spinner) is 33.75 or 36.00 inches (2 adjustable positions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Height (without spinner) is 20.5 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (with spinner) is 19.25 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (without spinner) is 18 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unit weight is approximately 550 lbs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7 gauge 201 stainless steel trough and rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" 201 stainless steel end plates with all interior seams welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece 201 stainless steel combination cover and upper rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The trough cover shall have a 201 stainless steel hinge rod and handle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front half of the trough shall hinge to provide access to auger and clean out functions. There shall be (6) pivot joints along the lower trough hinge line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The handles for positioning and locking the bottom trough shall be constructed of 201 stainless steel with rubber grips. Handles located on 52" centers. Handles are a rotating wedge style and locked in place with a 2 -3/4" x 5/16" drop lock clevis pin. When locked in place handles have 2- 1/2" of positive locking engagement on door lip.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean out door in bottom of trough opens in combination with top cover to provide access from top and bottom for complete clean out.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 1/4" 201 stainless steel access plate bolted to the trough end plate shall provide the drive motor mount and side access to the auger for ease of replacement or service of the auger	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The end plates are to be a minimum of 25" tall at the front and 15" tall at the rear to eliminate the need for any internal spill shields. Each endplate shall have two sets of quick detach hardware.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All attachment hardware (bolts, nuts) shall be 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader does not interfere with normal operation of dump body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6" diameter bi-directional flight auger with 3/8" flighting. 4" Auger pitch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Flighting welded to a 2.5" O.D. schedule 40 pipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger supported by 1-1/4" diameter shaft running in grease able anti-friction ball bearings-flange mounted on the outside trough ends.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The auger drive motor shaft and idler bearing shaft shall each have a polyurethane insert in the attachment to auger pipe to prevent seizing due to corrosion.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hopper discharge opening has a 201 stainless steel anti-flow shield preventing free flow of granular material from the trough when the auger is stopped.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger is driven by a high torque, low speed, 18.7 C.I.R. hydraulic motor with an integral speed sensor. The sensor is to have an M12 connector.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Motor is directly coupled to the auger.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has two sets of 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18" diameter polyurethane spinner disk	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Directly driven by a high torque, low speed (550 RPM max.) 2.8 C.I.R.Char-lynn hydraulic motor (Char-lynn part #101-1313).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner motor mounted underneath the spinner on the left center of the trough.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner assembly shall be self-leveling and kept parallel to road surface at all dump angles without requiring a stabilizer bar attached to the truck frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
201 stainless steel stationary shield mounted in front of the spinner to protect the truck under carriage from thrown material.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner-mounting bracket, pivoting rod and mounting hardware shall be 201 stainless steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner shall be adjustable from left to right and easily removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner assembly shall have two positions of height adjustment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To ease with maintenance and accessibility, the spinner assembly shall mount to the trough frame. The spinner will be independent of the clean out door thus reducing the weight of the lower clean out door. Spinner assemblies which are mounted to the clean out door will be unacceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be high-pressure cleaned with a phosphate solution to remove slag, splatter, oxide, and oil residue. All stainless steel to remain in natural finish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-stainless steel parts to be painted black	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Hydraulic Pump and PTO:</b>	
The hydraulic pump shall be a variable volume pressure compensated load sensing axial piston type.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front mounting flange and main housing/case shall be cast iron.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The inlet and outlet port section shall be high strength ductile iron with SAE split flange porting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump shall have proper seals to facilitate use of a "wet spline" PTO	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The suction port and associated plumbing shall be sized to allow for minimum inlet restriction between the pump and the suction port on the reservoir	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Suction plumbing shall be equal to or greater than the pump inlet or suction size.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" full flow ball valve shall be installed in the suction line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump input shaft is to have a minimum continuous torque rating equal to 200% of the imposed load when the pump is operated at maximum engine RPM, maximum displacement and system pressure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front input shaft bearing is to be of the heavy duty ball or roller type design for high axial and radial loading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The rear shaft bearing is to be high speed and load sleeve type design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The bearings are to be fully lubricated by flooded case oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	Ramp/swashplate supported by pressure lubricated bearings of the rocker cam or servo control cylinder for rapid pump response and precise pump output control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Adjustable load sense and high pressure compensator control valve assembly of the full cartridge or of bolt on housing design for ease of replacement and repair.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	System design and components to provide flow, pressure, and performance requirements stated herein with a maximum operating load sense differential pressure of 300 psi and a maximum standby pressure of 350 psi for maximum efficiency.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If pilot control shifted valving is utilized in the system they are to be designed to be fully functional within this pressure range.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump outlet shall be capable of providing hoist cylinder extension required for a 50 degree body dump angle in 13 seconds or less at 1500 engine rpm's at a 1000 psi system load.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump shall be a Sauer Danfoss Series 45	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump shall be PTO mounted off the transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall be a hot shift style and fit on the Allison transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall be of a wet spline design to provide constant lubrication to the pump shaft splines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall come with a direct mount rotatable pump flange	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>Directional Control Valve Assembly:</b>	
	The hydraulic valve will be a cast iron, sectional type spool valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Valve will feature individual pressure and flow compensation for each section. The valve will be rated for a nominal flow of 30 gpm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Sections for the hoist, plow and plow angle will be shifted via proportional solenoid control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The load sensing shuttle network will be internal and include delrin seats for long term reliability and ease of replacement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Sections will be provided for: Dump Hoist Double Acting with down relief Front Plow Double acting lift Front Plow Double acting angle Pre-Wet Single acting Spinner Single acting Feeder Single acting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hoist and plow sections will include a manual handle override. Spreader sections will include a push pin manual override. The hydraulic valve will include a main relief.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The Hydraulic valve will be a Sauer-Danfoss model PVG-32.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>Hydraulic Valve Enclosure/Reservoir Combination:</b>	
	The hydraulic valve will be mounted in an enclosure that fully encloses the hydraulic valve and is part of the oil reservoir package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The enclosure will feature a removable access panel held in place by rubber latches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All plumbing internal to the enclosure will be SAE tubing and terminate on the enclosure bottom with bulk type JIC fittings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The reservoir will be frame mounted and have a capacity of not less than 30 gallons of hydraulic oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Reservoir will include a fill cap with anti splash shield, sight and temp gauge and a float assembly wired to the console to notify the operator of a low oil condition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The reservoir will include a tank magnet and drain plug.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reservoir to be fabricated from 304 stainless steel and include the valve enclosure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Valve enclosure/reservoir is to be a ServiceGuard series.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>IN CAB CONTROLS FOR DUMP AND PLOW:</b>	
The hoist and plow functions will be controlled from the cab via proportional joystick assemblies.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The hoist control joystick shall be a single axis with a neutral lock	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow control joystick shall be a dual axis.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Controls to be mounted in a floor mounted console that will include an arm rest and provision for mounting the spreader control to.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control pedestal is to be adjustable up and down and left to right and shall include a padded armrest.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Console is to have a minimum of six switches and four indicator lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control installation to include indicator lights for body up, low oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control console to be a Stormguard Freedom series.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ELECTRONIC SPREADER CONTROLLER:</b>	
Knobs to be rotary encoders with push feature and no maximum or minimum limit position.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Touch screen shall be used for set up and calibration of the unit.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a USB port on the side of the unit for data download to a USB stick if option is selected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit delivered shall be a Freedom 2.1 as manufactured by Certified Power	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unit dimensions shall be approximately 7.8" long x 4" high x 3.8" deep	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A standard hoop style bracket shall be provided for ease of mounting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall utilize a color TFT LCD display with touch input capability.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall use an AMP 23 pin sealed connector for all spreader electrical connections	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall not weigh more than one pound	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller housing shall be powder coated aluminum	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Operating temperature range shall be -40 degrees Celsius to +70 degree Celsius with 6 AMP's total PWM current	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand vibration to SAE 1455 2G swept sinusoidal 10 – 2 GHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand vibration to SAE 1455 random 5 – 500 Hz, cab mounted profile without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand drop to tiled concrete from 36" to each face without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control to have 3 PWM output channels. Feeder and spinner PWM capable of 4 AMPs each, liquid PWM capable of 6 AMPS. Total system PWM current limited to 10 AMPs at 50 degrees Celsius. (6 AMPs at maximum operating temperature.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 channel shall be ground speed oriented auger, 1 channel for spinner, and 1 channel for a liquid function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liquid function shall be configurable to control either a pre-wet or a single lane anti-ice function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The controller is to have a simple operator interface consisting of 3 buttons, two knobs and an interactive touch screen.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programming of unit shall not require the use of any ancillary devices or computers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The USB port shall function as an upload port to allow field upgrade of software or capabilities of the system. This port also allows for the saving or restoration of calibration settings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front panel function text is to be backlit for night viewing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To prevent glare at night, there shall be a "night mode" for the touch screen.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit is to be supplied with 8MB of RAM and 4MB of flash memory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a field replaceable fuse to protect the system. This fuse is to be easily accessible.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The "help" information for trouble shooting and calibration shall be embedded in the on board software	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The system shall support a remote blast and remote pause feature.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall function in open loop and/or closed loop modes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The PWM circuits shall be configurable for current regulation or voltage regulation to reduce hysteresis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be an input to sense a stall of the spreader	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A float input circuit shall be provided to turn off liquid system at a low level	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Storm totals shall be available on screen and via USB download or through an RS232 serial AVL data cable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet handling electrostatic discharge of 8kV direct and 25kV air discharge per SAE J1113/13 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 860MHz, class 4 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 108MHz, class 3 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated immunity limits per SAE J1113/21 10 KHz – 2 GHz, 100V/m, 1kHz AM modulation, vertical and horizontal polarity without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand load dump limits per SAE J1113/11 pulse 5, for heavy duty vehicles without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand bulk current injection limits per SAE J1113/4 1 – 400 MHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand engine cranking pulse limits per SAE J1113/11 pulse 4 without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand conducted transient limits per SAE J1113/11 pulses 1a, 1b, 2a, 2b, 3a, and 3b without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous reverse supply voltage without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous supply voltage of 28 VDC without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall have an ARM 9 processor running at 150MHz.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall utilize NET OS running Certified Power spreader control software.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall be capable of communicating with AVL devices using Certified Power Freedomn Talk protocol.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall have internal audible alarm capability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Encoders shall provide audible feedback with rotation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The configuration menu options shall be disabled when ground speed is present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The controller shall require a password unlock to change configurations and calibrations to prevent operator intervention.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall not require continuous connection to the vehicle battery when not in use.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall provide NPN type output signals for the spreader PWM functions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall have open loop liquid control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall have 4 configurable material types	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The storm totals shall be available on screen and be able to be downloaded to a USB thumb drive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a float switch input for liquid tank empty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Error messages must be displayed on screen and set audible alarm	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be voltage and current controlled for stability of output	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Inputs shall be available for remote pause and remote blast functionality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a ground speed triggered auxillary output to operate a cross conveyor or other function	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be and to interface with Freedom ATS data device	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a switch input for conveyor stall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be able to detect a short in a sensor circuit or in a calve drive circuit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be 3 additional unused inputs for additional devices	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be upgradable via a USB thumbdrive without the use of a specialized device.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall allow firmware updates via a USB thumbdrive without the use of a computer or specialized device.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spreader controller shall be a Certified Power Freedom 2.1 or prior approved equal.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HYDRAULIC PLUMBING:</b>	
Hoses must be sized accordingly to provide optimum performance of all hydraulic equipment. JIC and ORB fittings are required.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wherever possible stainless steel hydraulic tubing should be used. Rubber hose lengths should be kept to a minimum	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stainless steel hydraulic tubing should be routed from behind the cab to the end of the frame rails at the rear and should be the following Three ½" stainless steel tubing for auger pressure, spinner pressure, and pre-wet pressure. One 1" combined return line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
These hydraulic tubes should be installed in isolator style tubing clamps which are mounted to a 4" x ¼" flatbar that is fastened to the dump body sub-frame. There shall be a tubing clamp no more than 6" from each end and every 24" in between.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hydraulic hoses shall be routed from the end of the stainless steel tubing to the dump body sub-frame on both sides just ahead of the dump body rear corner posts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hydraulic hoses on the outside of the sub-frame shall be routed along the under-side of the dump body floor and attached to quick disconnect brackets that are welded to the floor of the dump body just ahead of the rear corner posts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be two ½" quick disconnects for the spinner motor on the drivers side and four ½" quick disconnects, two for the auger motor and two for the pre-wet system on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	The hydraulic lines for the snowplow shall also utilize stainless steel hydraulic tubing. These lines shall be routed on the drivers side of the truck and should not interfere with any maintenance that needs to be done to the chassis. Whip hoses should be ran from the end of these hoses and bulkheaded to the snowplow hitch push plate attached to frame rails.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snowplow circuit should have hydraulic quick disconnects for the reversing cylinders and the lift cylinder.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All hydraulic hoses installed outside the frame rails shall be wrapped in a kevlar hose protection material. This is to include all hoses routed to the plow, spreader, pre-wet system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>PRE-WETTING SYSTEM:</b>	
	Hydraulic drive motor shall be a 1.21 CIR geroler type utilizing a flexible lovejoy coupling that drives the liquid pump..	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid pump shall be a 8.5 GPM @ 1750 RPM gear type of corrosion resistant materials with carbon graphite bearings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 20 mesh suction strainer shall be installed prior to the brass liquid pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid output shall be controlled by the Hydraulic Control System.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An in-line turbine style liquid flowmeter with fair accuracy up to 15 GPM shall provide liquid flow information to the Hydraulic Control System for precise gal/ton metering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The truck will also be equipped with dual 120 gallon behind the cab pre-wetting reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Each tank is to include a top fill cap that is tethered to the tank and a clean out sump in the bottom of the tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The tanks will be installed in a stainless steel frame that is mounted to the chassis frame rails. The tanks are to be secured to the frame by two 2" nylon straps per tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tanks shall be plumbed together utilizing a minimum of three inch nylon braided hoses or corrugated plastic hoses. All fittings used are to be as large as possible to accomplish an equalized fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Both tanks are to have overflow tubes installed in the top and run down to a point below the floor level of the body. These tubes are to be securely fastened to the mounting frame of each respective tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pre-wetting system is to be supplied with a 2" cam lock style quick fill located in a convenient location for the operator. Location will be determined at the pre-build conference.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A system flush kit is to be provided and installed on the truck. This system is to consist of a separate poly reservoir that is a minimum of two gallon capacity that is plumbed into the main reservoir supply line with a poly tee.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	When delivered the truck must have a minimum pre-wetting capacity of 240 gallons.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A full length x ½ inch diameter stainless steel pipe shall be mounted inside the spreader hopper with at least two stainless steel u-bolts. The pipe should have a series of holes in it to discharge pre-wet material into the hopper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MISC. DUMP BODY EQUIPMENT:</b>	
	A set of rubber mudflaps are to be provided and installed rearward of the rear tires. These mudflaps are to be at least ½" thick and are to be installed on a hinged stainless steel bracket that is removable without the use of any tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A set of plastic mudguards are to be provided and installed forward of the rear wheels and high enough to form a seal with the under side of the body floor.. The mudguards be installed on a bolt-on stainless steel removeable bracket that is attached to the chassis frame rail. These mudguards should have anti-sail brackets installed around them.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A stainless steel spring loaded shovel holder is to be supplied and installed on a stainless steel plate that is welded to the body. This plate should be welded to the body prior to that painting process. The location to be determined during the pre-paint meeting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 3/4 inch thick pintle plate is to be welded to rear of the chassis frame rails. Two (2) 1" "D" rings should be welded to the plate and A 45 TON pintle hook should be provided. The chassis manufacturer trailer plug and glad hands (if provided) are also to be mounted to this plate. "Keyhole" style trailer chain keepers are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A pollack 9 pin trailer plug part number 12-907P shall be installed in the pintle plate. Wiring diagram shall be provided by the village prior to installation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MANUALS:</b>	
	Parts and service manuals for all items shall be provided in a bound book upon delivery of the completed vehicle. Two complete lists of part numbers of item used in building the truck will be included	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>TRAINING:</b>	
	Equipment installer to provide training on all operations and calibration of all equipment upn delivery of completed vehicle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>WARRANTY:</b>	
	One full winter season parts and labor on all equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Dump body, snowplow, spreader, and pre-wet system to carry a one year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Dump Body hoist to carry a three year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Whelen lighting to carry a five year replacement warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	No charge pick up and delivery of truck for warranty will be provided by the bidder during the warranty period	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>INSTALLATION OF AFTERMARKET EQUIPMENT:</b>	
	The dump body, snowplow and snowplow hitch must be provided from and installed by an authorized primary distributor of the original equipment manufacturer. No Exceptions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	For warranty considerations and future availability of parts and service, the body company must be an authorized primary distributor for all major components they propose to furnish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All equipment must be installed by a single body company, by their employees and at their regular location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Completed vehicle must be certified by the body company as meeting all federal motor vehicle safety standard in effect at time of chassis production.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Approved NHTSA/FMVSS certification label must be furnished and located inside cab on driver's side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Completed unit to comply with current OSHA regulations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Body company must be registered with National Highway Traffic Safety Administration as a final stage manufacturer of motor vehicles as required by Federal Law.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Body company to be registered and in good standing with National Truck Equipment Association (NTEA) and be the authorized distributor for all equipment bid with products having an MVP status.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No





Henderson Truck Equipment-Illinois  
124 Industrial Drive  
Gilberts, IL. 60136

Toll Free: 888-360-7483  
Office: 847-836-4996

## Quote

Date: 4/3/14  
To: Don Cooper  
By: Joe Vagle  
Re: Winnetka Bid

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Henderson Truck Equipment-Illinois is pleased to quote the following equipment:

(1) Snowplow Package per the Village of Winnetka specifications and to include the following

- (1) Henderson 10x30 201 stainless steel dump body
- (1) Henderson HCH snowplow hitch
- (1) Henderson RSP reversible snowplow
- (1) Henderson TGS under-tailgate spreader
- (1) Certified Powder central hydraulic system
- (1) Ceretified Powder 240 gallon pre-wetting system
- (1) Whelen warning light system
- (1) Trailer Towing package
- (1) Misc. equipment to complete the truck

Henderson complies 100% with the specifications as written. No exceptions are taken.  
Delivery will be 45-60 days after chassis delivery to our location

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Price per Unit:	\$69,935.00
Number of Units	1
Extended Price	\$69,935.00
Tax	
Total Quote Price	\$69,935.00

FOB Gilberts, IL

**Please note the following regarding installation quotes:**

A clean truck frame without obstruction is assumed in the pricing of our quote. Re-positioning of air tanks, fuel tanks or other obstacles to the ease of installation may require additional charges. Henderson will notify you before modification if this occurs.

**ATTACHMENT #2**

**Northwest Trucks, Inc. with Auto Truck Group bid**



# VILLAGE OF WINNETKA

*Incorporated in 1869*

## PROPOSAL FORM BID #014-013 SINGLE AXLE DUMP TRUCK

BID OPENING DATE: APRIL 8, 2014

TIME: 11:00 A.M.

Bidders **MUST** include a signed and notarized copy of the enclosed compliance affidavit with the returned bid form. The undersigned bidder hereby proposes to furnish and deliver as per terms, conditions and specifications of the attached bid document, one (1) ~~25-Yard Rear Loading Hydraulically Actuated Refuse Body~~ at the unit price listed below. If addenda have been received, acknowledge receipt by listing addenda numbers: \_\_\_\_\_

**Please mark the outside of bid envelope: BID #014-013.**

**NOTE: PRICE MUST INCLUDE DELIVERY.**

UNIT PRICE AS PER SPECIFICATIONS:

\$ 151,419<sup>00</sup>

MAKE: FREIGHTLINER W/AUTOTRUCK

MODEL: 108 SD

DELIVERY: 180 Days TERMS: 15 Days

510 Green Bay Road, Winnetka, Illinois 60093  
Administration and Finance (847) 501-6000 Fire (847) 501-6029 Police (847) 501-6034  
Public Works (847) 716-3568 Water and Electric (847) 716-3558 [www.villageofwinnetka.org](http://www.villageofwinnetka.org)

**PROPOSAL FORM (CON'T)**

COMPANY NAME: NORTHWEST TRUCKS, INC

COMPANY ADDRESS: 2120 RAND ROAD

PALATINE, IL 60074

NAME (PRINT): Don Cooper PHONE: 847-991-0986

TITLE: TRUCK SALES DATE: 4-7-2014

AUTHORIZED SIGNATURE: 

## **COMPLIANCE AFFIDAVIT**

As a condition of entering into a contract with the Village of Winnetka, and under oath and penalty of perjury and possible termination of contract rights and debarment, the undersigned deposes and states that he has the authority to make any certifications required by this Affidavit on behalf of the bidder, and that all information contained in this Affidavit is true and correct in both substance and fact.

### **Section 1: BID RIGGING AND ROTATING**

1. This bid is not made in the interest of, or on behalf of an undisclosed person, partnership, company, association, organization or corporation;
2. The bidder has not in any manner directly or indirectly sought by communication, consultation or agreement with anyone to fix the bid price of any bidder, or to fix any overhead profit or cost element of their bid price or that of any other bidder, or to secure any advantage against the Village of Winnetka or anyone interested in the proper contract;
3. This bid is genuine and not collusive or sham;
4. The prices, breakdowns of prices and all the contents quoted in this bid have not knowingly been disclosed by the bidder directly or indirectly to any other bidder or any competitor prior to the bid opening;
5. All statements contained in this bid are true;
6. No attempt has been or will be made by the bidder to induce any other person or firm to submit a false or sham bid;
7. No attempt has been or will be made by the bidder to induce any other person or firm to submit or not submit a bid for the purpose of restricting competition;
8. The undersigned on behalf of the entity making this proposal or bid certifies the bidder is not barred from entering into this contract as a result of violations of either Section 33E-3 or Section 33E-4 of the Illinois Criminal Code.

### **Section 2: TAX COMPLIANCE**

1. The undersigned on behalf of the entity making this proposal or bid certifies that neither the undersigned nor the entity is barred from contracting with the Village of Winnetka because of any delinquency in the payment of any tax administered by the State of Illinois, Department of Revenue, unless the undersigned or the entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability of the tax or the amount of tax;

2. The undersigned or the entity making this proposal or bid understands that making a false statement regarding delinquency of taxes is a Class A Misdemeanor and in addition voids the contract and allows the municipality to recover all amounts paid to the entity under the contract in civil action.

### Section 3: EQUAL EMPLOYMENT OPPORTUNITY

This EQUAL OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act, 775 ILCS 5/101 et seq.

In the event of the contractor's non-compliance with any provision of the Equal Employment Opportunity Clause, the Illinois Human Rights Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights, the contractor may be declared non-responsive and therefore ineligible for future contractor subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulations.

During the performance of this contract, the contractor agrees:

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or woman are underutilized and will take appropriate action to rectify any such underutilization;
2. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contract's) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized;
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.
4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other such agreement or understanding, a notice advising such labor organization or representative of the contractor's obligation under the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contract. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so

notify the Department and contracting agency will recruit employees from other sources when to fulfill its obligation thereunder.

5. That it will submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contracts.
6. That it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Departments Rules and Regulations for Public Contracts.
7. That it will include verbatim or by reference the provisions of this Equal Opportunity Clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

#### **Section 4: ILLINOIS DRUG FREE WORK PLACE ACT**

The undersigned will publish a statement:

1. Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or a use of a controlled substance is prohibited in the work place;
2. Specifying the actions that will be taken against employees for violating this provision;
3. Notifying the employees that, as a condition of their employment to do work under the contract with the Village of Winnetka, the employee will:
  - A. Abide by the terms of the statement;
  - B. Notify the undersigned of any criminal drug statute conviction for a violation occurring in the work place not later than five (5) days after such a conviction.
4. Establishing a drug free awareness program to inform employees about:
  - A. The dangers of drug abuse in the work place;

- B. The policy of maintaining a drug-free work place;
  - C. Any available drug counseling, rehabilitation or employee assistance programs;
  - D. The penalties that may be imposed upon an employee for drug violations.
5. The undersigned shall provide a copy of the required statement to each employee engaged in the performance of the contract with the Village of Winnetka, and shall post the statement in a prominent place in the work place.
  6. The undersigned will notify the Village of Winnetka within ten (10) days of receiving notice of an employee's conviction.
  7. Make a good faith effort to maintain a drug free work place through the implementation of these policies.
  8. The undersigned further affirms that within thirty (30) days after receiving notice of a conviction of a violation of the criminal drug statute occurring in the work place he shall:
    - A. Take appropriate action against such employee up to and including termination;  
or
    - B. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

**Section 5: SEXUAL HARRASSMENT POLICY**

The undersigned on behalf of the entity making this proposal or bid certifies that a written sexual harassment policy is in place pursuant to Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A).

This Act has been amended to provide that every party to a public contract must have written sexual harassment policies that include, at a minimum, the following information:

1. The illegality of sexual harassment;
2. The definition of sexual harassment under State law;
3. A description of sexual harassment, utilizing examples;
4. The vendor's internal complaint process, including penalties;

5. The legal recourse, investigative and complaint process available through the Department of Human Rights, and the Human Rights Commission;

6. Directions on how to contact the Department and Commission;

7. Protection against retaliation as provided by 6-101 of the Act.

**Section 6: VENDOR INFORMATION**

1. Is the bidder a publicly traded company? (yes or no)       No        
If the answer is yes, state the number of outstanding shares in each class of stock.  
Provide the name of the market or exchange on which the company's stock is traded.

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2. Is the bidder 50% or more owned by a publicly traded company? (yes or no)       No        
If the answer to the above question is yes, name the publicly traded company or companies owning 50% or more of your stock, state the number of outstanding shares in each class of stock and provide the name of the market or exchange on which the stock of such company or companies is traded.

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IT IS EXPRESSLY UNDERSTOOD THAT THE FOREGOING STATEMENTS AND REPRESENTATIONS AND PROMISES ARE MADE AS A CONDITION TO THE RIGHT OF THE BIDDER TO RECEIVE PAYMENT UNDER ANY AWARD MADE UNDER THE TERMS AND PROVISIONS OF THIS BID.

SIGNATURE: 

NAME: Don Cooper TITLE: TRUCK SALES  
(print or type)

Subscribed and sworn to me this 7<sup>th</sup> day of APRIL,  
2014, A.D.

By:   
(Notary Public)  
Official Seal  
William Conroy  
Notary Public State of Illinois  
My Commission Expires 08/15/2017

-Seal-

**BID No. 014-013**  
**SPECIFICATIONS FOR A SINGLE AXLE DUMP TRUCK**

**GENERAL:**

The Village of Winnetka is seeking competitive bids for one (1) Single axle dump truck. This specification shall describe a **Single Axle Dump Snowplow/Salt Truck and Related Equipment**. Bidders must submit with their bid complete specifications on the unit they propose to furnish.

<b>MINIMUM CHASSIS REQUIREMENTS</b>	<b>COMPLIANCE</b>
<b>VEHICLE CONFIGURATION</b>	
Most Current Model Year – Please state year <u>2015</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Set Back Axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>GENERAL SERVICE</b>	
Expected front axle load of 18,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected rear axle load of 23,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected gross vehicle weight capacity of 41,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE</b>	
Minimum horsepower rating of 300 HP @ 2600 RPM, 2600 GOV, 660 lb/ft@1600 RPM	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE EQUIPMENT</b>	
2013 EPA/CARB emission certification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean Idle Certified sticker on left side of hood	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine mounted oil check and fill	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Side of hood air intake with firewall mounted Donaldson air cleaner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12V 200 AMP 28-SI quadramount pad alternator with remote battery voltage sense.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) Alliance model 1231, group 31, 12 volt maintenance free 2250 CCA threaded stud batteries.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Battery box to be frame mounted on the left side at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18.7 CFM air compressor with internal safety valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic engine integral shutdown protection system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Right hand outboard under step mounted horizontal after-treatment device with right hand horizontal tailpipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine after-treatment device, automatic over the road regeneration and dash mounted regeneration request switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13 gallon diesel exhaust fluid tank with 100% diesel exhaust fluid fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Borg Warner (Kysor) rear on/off engine fan clutch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spin on style fuel filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Full flow oil filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1200 square inch aluminum radiator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Antifreeze rated to -34F, NOAT extended life.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gates blue stripe coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Constant tension hose clamps for coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric grid air intake warmer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Delco 12V, 38MT HD starter with integrated magnetic switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION</b>	
Allison 3500RDS automatic transmission with PTO provision.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION EQUIPMENT</b>	
WTEC calibration – 6 speed RDS package with Allison Optimized. (Package 223)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vehicle interface wiring with Body Builder connector at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Electronic transmission customer access connector firewall mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push button, electronic shift control to be dash mounted	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission Prognostics enabled	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water to oil transmission cooler	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission oil check and fill with electronic oil level check	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission to be supplied with synthetic transmission fluid and be TES-295 compliant.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT AXLE AND EQUIPMENT</b>	
20,000 pound front axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 6 Q+ cast spider cam front brakes, Double anchor fabricated shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos front brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron front brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vented front hub caps with window – oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard spindle nuts for all axles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic front slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TRW TAS-85 power steering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Power steering pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 quart see through power steering reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 front axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT SUSPENSION</b>	
18,000 pound tapered leaf front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Graphite bronze bushings with seals for front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front shock absorbers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR AXLE AND EQUIPMENT</b>	
23,000 pound single rear axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.14 rear axle ratio.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Iron rear axle carrier with standard axle housing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17T main extended lube driveline with half round yokes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 7 P cam rear brakes, double anchor, cast shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Brake cams and chambers on forward side of drive axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos rear brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron rear brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rear oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex Goldseal longstroke 1 drive axle spring parking chambers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic rear slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 rear axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR SUSPENSION</b>	
23,000 pound flat leaf rear suspension with helper and radius rod.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard U-bolt pad.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fore and aft control rods.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>BRAKE SYSTEM</b>	
Air brake package	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wabco 4S/4M ABS without traction control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced nylon, fabric braid and wire braid chassis air lines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BW AD-IS (DRM) air dryer with integrated air governor and heater.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air dryer reservoir mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steel air brake reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Petcock drain valves on all air reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELBASE AND FRAME</b>	
162 inch wheelbase, 96 inch cab-to-axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

11/32"x 3-1/2"x 10-5/16" steel frame, 120 KSI	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" C-channel inner frame reinforcement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
24" integral front frame extension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Primary connector/receptacle wired for separate Stop/Turn with center pin power through ignition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CHASSIS EQUIPMENT</b>	
14" painted steel bumper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front tow hooks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fender and front of hood mounted front mudflaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Huckspin round collar chassis frame fasteners.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FUEL TANKS</b>	
90 gallon aluminum fuel tank, left hand mounted, 23" diameter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank forward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank cap.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Alliance fuel filter/water seperator with heated bowl and primer pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Equiflo inboard fuel system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High temperature reinforced nylon fuel line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TIRES</b>	
Michelin XZU-S2 315/80R22.5 20 ply radial front tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Michelin XZU M/S 11R22.5 14 ply radial rear tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HUBS</b>	
Comnet pre-set bearing iron front and rear hubs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELS</b>	
22.5x9.00 10 hub pilot 5 hand steel disc front wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.5x8.25 10 hub pilot 2 hand steel disc rear wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB EXTERIOR</b>	
108" BBC flat roof conventional aluminum cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air cab mounts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-removable bug screen mounted behind the grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bolt-on molded flexible fender extensions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and Right hand grab handles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stationary black grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black hood mounted air intake grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hood liner, added firewall and floor heat insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual 14 inch round polished air horn with horn shield.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual electric horns.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door locks and ignition switch keyed the same with four keys. Key code to be FT2525.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Halogen composite headlights with black bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LED aerodynamic marker lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral stop/tail and back up lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual West Coast bright finish heated mirrors with left hand and right hand remote.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door mounted mirrors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand bright finish convex mirrors mounted under primary mirror.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
63" x 14" tinted rear window.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tinted door glass left hand and right hand with tinted operating wing windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Right hand and Left hand electric powered windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 piece tinted curved bonded windshield with heated wiper blade park areas.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8 liter windshield washer reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB INTERIOR</b>	
Opal gray vinyl interior.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand molded door panels with aluminum kick plate on lower door.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black mats with single insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted ash tray and lighter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Forward roof mounted console with upper storage compartments without netting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) cupholders left hand and right hand dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gray/Charcoal flat dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5lb fire extinguisher.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Heater, defroster, and air conditioning.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard HVAC ducting with snow shield for fresh air intake.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Main HVAC controls with recirculation switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard heater plumbing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Denso heavy duty air conditioner compressor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Premium insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Solid state circuit protection and fuses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dome light with 3-way switch activated by left and right doors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand electric door locks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) 12 volt power supply in dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Triangular reflectors without flares.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High back air suspension drivers seat and passenger seat with mechanical lumbar support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand integral door panel armrests.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black Cordura Plus cloth drivers and passengers seat covers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 point high visibility orange retractor driver and passenger seat belts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Adjustable tilt and telescoping steering column.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4 spoke 18" steering wheel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Driver and passenger interior sun visor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>INSTRUMENTS AND CONTROLS</b>	
Gray driver and center instrument panels	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black gauge bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Low air pressure light and buzzer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch primary and secondary air pressure gauges.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted air restriction indicator with graduations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Preco 1040 87 Dbl automatic self adjusting back up alarm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic cruise control with switches in LH switch panel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Key operated ignition switch and integral start position, four position off/run/start/accessory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Odometer/trip/hour/diagnostic/voltage display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Diagnostic interface connector, 9 pin, SAE J1939, located below the dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch electric fuel gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programmable RPM control – electronic engine.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electrical engine coolant temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch transmission oil temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine and trip hour meters integral within driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric engine oil pressure gauge	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

AM/FM/WB radio dash mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) radio speakers in the cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
AM/FM antenna mounted on forward LH roof.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic MPH speedometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic 3000 RPM tachometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Digital voltage display integral with driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Single electric windshield wiper motor with delay and Arctic type blades.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Marker light switch integral with headlight switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) valve parking brake system with warning indicator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral electronic turn signal flasher with hazard lamps over riding stop lamps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>COLOR</b>	
Cab to be painted one solid color.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab color is to be N0876EA Holly Green Elite SS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black, high solids polyurethane chassis paint.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vendor white front and rear wheels/rims.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MISC. EQUIPMENT</b>	
Truck dealer is to be within 60 miles of the Village of Winnetka.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Truck dealer to have parts delivery available during normal business hours Monday through Friday.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Extended towing is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Base vehicle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab corrosion/perforation warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Frame rails and cross members warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steer and Drive axle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A complete set of parts and service CD's are to be provided.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bidders must include a written Warranties in bid packet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	
<b>COMPLIANCE</b>	
Inside length of 10 feet	<input type="checkbox"/> Yes <input type="checkbox"/> No
Inside width to be 84"	<input type="checkbox"/> Yes <input type="checkbox"/> No
Side height of 30 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Tailgate height of 38 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Headsheet height of 48 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>SIDES &amp; HEADSHEET</b>	
One-piece sides & headsheet to be 10 gauge 201 stainless steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.	<input type="checkbox"/> Yes <input type="checkbox"/> No

AM/FM/WB radio dash mounted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) radio speakers in the cab.	<input type="checkbox"/> Yes <input type="checkbox"/> No
AM/FM antenna mounted on forward LH roof.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Electronic MPH speedometer.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Electronic 3000 RPM tachometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Digital voltage display integral with driver display.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Single electric windshield wiper motor with delay and Arctic type blades.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Marker light switch integral with headlight switch.	<input type="checkbox"/> Yes <input type="checkbox"/> No
One (1) valve parking brake system with warning indicator.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Integral electronic turn signal flasher with hazard lamps over riding stop lamps.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>COLOR</b>	
Cab to be painted one solid color.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Cab color is to be N0876EA Holly Green Elite SS	<input type="checkbox"/> Yes <input type="checkbox"/> No
Black, high solids polyurethane chassis paint.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vendor white front and rear wheels/rims.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>MISC. EQUIPMENT</b>	
Truck dealer is to be within 60 miles of the Village of Winnetka.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Truck dealer to have parts delivery available during normal business hours Monday through Friday.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Engine warranty is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Transmission warranty is 5 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Extended towing is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Base vehicle warranty is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Cab corrosion/perforation warranty is 5 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Frame rails and cross members warranty is 5 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Steer and Drive axle warranty is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A complete set of parts and service CD's are to be provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Bidders must include a written Warranties in bid packet.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	
Inside length of 10 feet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Inside width to be 84"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Side height of 30 inches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tailgate height of 38 inches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Headsheet height of 48 inches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SIDES &amp; HEADSHEET</b>	
One-piece sides & headsheet to be 10 gauge 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga. 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Each rear corner post shall have three light holes to accept a 6" oval light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To prevent as much road spray as possible from entering the rear body corner posts, 201 stainless steel removable covers shall be installed on the bottom of each. This cover shall be removable by removing two cotter pins.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga. 201 stainless steel vertical headsheet with a formed-in doghouse extends a maximum of 12" into the body. The doghouse is to be straight from top to bottom, not tapered.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The vertical headsheet shall have chain hook points in each top corner to pick up the body in case of cylinder or hydraulic system failures.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A one piece side with a formed in rubrail. Floor to side seam on underside of body continuously welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 1-1/2" wide grip strut walk rail shall be installed along each side of the dump body and shall run from the front corner to near the rear corner post, leaving room to allow for the coupling of the spreader quick disconnects.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A three step pull out style ladder will be installed on the driver's side front corner of the body. This ladder is 17-1/2" wide and will have the ability to be stowed into a travel position. This ladder is to be installed prior to application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A grab handle is to be installed within easy reach of the operator while on the ladder. This grab handle is to be installed prior to the application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 12" 201 stainless steel asphalt pan shall be provided. This pan shall be pinned on the rear corner posts utilizing the under-tailgate spreader mounting brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FLOOR</b>	
One-piece 1/4" AR400 floor. Two piece floors and welded floor to side radius construction is not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4" floor to side radius. Spliced in sections are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The floor is to be a Western style cross-memberless floor. Cross members are not allowed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One-piece 5" x #10.0 I-beam long sills OR 1/4" formed trapazoidal longs sills will be acceptable. Please state which will be provided below:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Maximum mounting height of 9" from top of frame rails to bottom of body floor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TAILGATE</b>	
One piece 10 ga 201 stainless steel tailgate sheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Full perimeter boxing with all horizontal edges sloped outward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Shall have one 10 ga. 201 stainless steel sloped horizontal brace that is flush with the perimeter boxing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Flush mount, 1/2" flame cut pivots	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Heavy duty offset hinge plates, 1" flame cut	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3/4" latch hooks with 3/8" latch plates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1-1/4" Hot Rolled upper and lower pins	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Double acting air cylinder style air tailgate release mechanism with electric switch installed in cab as part of the chassis electrical package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The upper tailgate pins will have provisions to be permanently attached to the body by a chain long enough to allow the pin to be installed and removed easily. There shall be a pin storage bracket installed in a convenient location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There is to be no tailgate linkage at the front of the body. No Exceptions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A 12" 7 gauge grade 50 asphalt tray shall be provided. This shall utilize the spreader quick detach brackets and pins for installation. The asphalt tray should be painted black.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HOIST</b>	
Single cylinder, front trunnion mount; must be of a bore-seal design. Inverted cylinder is not acceptable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
N.T.E.A. class 50	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 stage cylinder, 90" stroke, with a 4.5" minimum first stage diameter	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wear and corrosion resistant Nitrited cylinder tubes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Minimum 2 year cylinder warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Connecting pivots to have replaceable greaseless composite bushings	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Oscillating cylinder collar	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cylinder to be a Mailhot Industries CS series full double acting cylinder. Under-Body scissor hoist systems are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SUBFRAME &amp; REAR HINGE ASSEMBLY</b>	
4" structural channel subframe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6" x 4" x 3/8" structural angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
303 stainless steel 1-1/2" 1045 C.R. hinge pins connecting to 2-1/2" hinge blocks using replaceable <u>greaseless</u> composite bushings for a minimal pin-to-bushing clearance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ELECTRICAL AND LIGHTING PACKAGE</b>	
Rubber mounted, shock resistant stop/turn/tail/back up lights in each rear corner post. Lights are to be Maxxima part number M85615R 6" oval LED.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rubber mounted, shock resistant I.C.C. 3-light cluster, for mounting in a fabricated light bar to be installed in the rear body hinge. All lights are to be Grote part number 47122 2-1/2" round LED with rubber grommets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Four red rear, two side mounted red rear reflectors, and two side mounted amber front reflectors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two rubber mounted, shock resistant amber flashing warning light in each rear corner post. Lights are to be Whelen SG Super-LED series, part number 5GA00FAR with rubber grommets or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two surface mounted stop/tail/turn lights shall be mounted on the rear pintle plate. Lights are to be Whelen 600 series, part number 60R00XRR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One surface mounted back up light shall be mounted on the rear pintle plate. Light is to be Whelen 400 series, part number 40C00VCR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One 72" Whelen Justice lightbar is to be installed on the roof of the cab. This bar is to have two LED amber lightheades on each end and two facing forward. The lightbar shall also have two LED white working lights in the center.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lightbar is to be installed on Whelen 8" aluminum riser brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The wiring harness for the lightbar is to be wired through the roof of the chassis directly below the lightbar utilizing a compression fitting. After installation the compression fitting is to have silicone applied to the outside to eliminate leaks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Snow plow lights shall be installed on the hood of the chassis. The light should be Hella brand Model CS220 series lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow light brackets must be 304 stainless steel that is laser cut and formed from a single sheet of 7 gauge. The light bracket is to be installed using rubber grommets through the fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A Hella LED spreader light is to be installed on the street side rear of the spreader.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spreader light should be wired into the sealed wiring spreader harness that is connected to the 9 pin trailer plug	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 97 Dbl., 12 volt back up alarm is to be installed at the rear of the frame	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A body up switch is to be installed with a warning indicator intergrated into the electronic spreader controller described within these specifications.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A Truck-Lite Model 15, Part number 15205 LED lincense plate light and bracket part number 42722 is to be installed at the rear of the frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
An electric over air solenoid is to be installed to operate the air tailgate. This solenoid is to be installed within easy reach of the operator while they are outside the cab of the truck and should have a manual over ride in case of failure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CABSHIELD AND TARP SYSTEM</b>	
A 10 ga 201 stainless steel cabshield shall be included. The cabshield must be a minumum of 90" x 22", and should be solid welded to the vertical headsheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The cabshield is to have an integral tarp housing built into it large enough to store a manually retractable asphalt rated tarping system with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A spring loaded manual tarp system is to be provided and installed in the above tarp housing. This tarp should be hot asphalt rated with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tarp rope storage hooks are to be installed on the dump body front drivers side corner and on the tailgate at the rear of the body. Tarp hooks on the isde of the dump body are to be installed per the manufacturer's instructions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two Whelen LED stripe lights are to be installed on each side of the cabshield facing the rear. There is to be one red LED stop/tail/turn light and one amber LED warning light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
These lights are to be installed one above the other in a stainless steel tarpered bracket that is bolted to the cabshield side support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>PAINT PREPARATION</b>	
All surfaces are high pressure cleaned & phosphated The under side of the floor and long sills shall be primed with an two-part urethane primer. A finish coat of POR-15 shall be applied over the primer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SNOWPLOW HITCH:</b>	
Any Snowplow hitch provided must be compatible with existing snowplows in the Village fleet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hitch frame height of 33 5/8"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hitch frame width 26" for 30 1/2" centers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snow plow coupling device must be of the quick attach and release design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The receiver opening must be tapered and allow up to a 5" horizontal misalignment when connecting plow to truck.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Receiver boxes shall be fabricated from 1/2" plate and welded to 4" x 4" x 1/2" vertical structural angles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hitch frame members are 1/2" x 4" x 4" structural angle. This hitch is low profile for access to the truck's engine compartment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The lift arm and lift frame shall be designed to accept either a 3" or 4" lift cylinder with nitride cylinder tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cylinders pins are to be 1" cold rolled steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A 4" x 10" double acting lift cylinder with a nitrated cylinder tube is to be supplied. The top port of the cylinder shall be plumbed with a 1/2" male quick disconnect and the bottom port of the cylinder shall be plumbed with a 1/2" female quick disconnect for removing the cylinder without the use of tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self-storing lift arm, accomplished by pulling one 1" pin and folding the cylinder up, allows you to re-pin to store.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The telescopic lift arm shall be manufactured of 4" x 4" x 3/8" square outer tubing and 3" x 3" x 3/8" square inner tubing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lifting plate shall be 3/8" x 4" flat material and have two banjo-type chain eyes able to accept 1/2" chain as well as the weight of the plow.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow hitch is to be welded to a 5/8" thick push plate and 1/2" cheek plates, which are bolted to the front frame rails and extend back to approximately the centerline of the front axle. Spacer bushings installed between the frame rails and cheek plates are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" x 2" x 1/2" angle that is a minimum of 6" long should be installed on the inside of the cheek plate and below the frame rail on each side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The OEM front bumper shall be modified and re-installed on the front of the truck. 1/4" x 1-1/2" stainless steel bumper braces should be installed between the back of the bumper and the frame rail on each side of the snowplow hitch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A pressure release valve is to be plumbed into the hydraulic lines of the plow reversing circuit and installed near the front hitch. This valve is to have a 1/4" hydraulic line that is plumbed back to the hydraulic reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SNOWPLOW</b>	
Height of moldboard is 42"	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Length of moldboard is 11 feet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cutting path at 35° for an 11' plow is 108".	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3/8" thick poly moldboard with eight (8) 1/2" x 3 1/2" ribs for extra strength and rigidity.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to be an inverted "J" style	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to have a mailbox cut on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All welds must be continuous (skip welds not acceptable)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced 4" x 4" x 3/4" bottom angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3-1/2" x 2-1/2" x 3/8" top angle with holes to allow moisture to escape.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Two horizontal braces for added rigidity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Attack angle is adjustable to 5°, 10°, and 20°	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A Winter Equipment Co. Carbide Blade Kit Part#SYS-RZ11FC is to be installed prior to delivery. <b>NO EXCEPTIONS.</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece cutting edge torsional trip with five (5) 3/4" square torsional springs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring pressure easily adjustable to 60% of maximum setting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring assembly must be designed to allow zero insertion force and disassembly with common hand tools and adjusting wrench (adjusting wrench supplied from factory)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame width is 119"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame 4" x 4" x 3/8" structural tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Six (6) moldboard-to-push frame pivot points with 1-1/4" bushings pin to two 5/8" mounting ears.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard attack angle brace connection plates are encased and continuous welded to the push frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Two (2) 3.5" x 3" x 16" nitrided hydraulic cylinders are single-acting for heavy duty power reversing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Circle-frameless outboard reversing cylinder design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be cleaned to remove slag, splatter, oxide, and oil residue.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 12' rubber snowdeflector shall be mounted to the top angle of the moldboard.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two 36" plastic sight markers will be provided, one on each end.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A set of Sno-Wheels rubber covered wheels will be installed on the plow when delivered. Snow Wheel Systems Part#6509 NO EXCEPTIONS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow pushframe shall have a universal quick hitch style quick attach bolted to it with a 1-1/4" bolt. Must match Winnetka's existing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SALT SPREADER:</b>	
Height (with spinner) is 33.75 or 36.00 inches (2 adjustable positions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Height (without spinner) is 20.5 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (with spinner) is 19.25 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (without spinner) is 18 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unit weight is approximately 550 lbs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7 gauge 201 stainless steel trough and rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" 201 stainless steel end plates with all interior seams welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece 201 stainless steel combination cover and upper rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The trough cover shall have a 201 stainless steel hinge rod and handle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front half of the trough shall hinge to provide access to auger and clean out functions. There shall be (6) pivot joints along the lower trough hinge line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The handles for positioning and locking the bottom trough shall be constructed of 201 stainless steel with rubber grips. Handles located on 52" centers. Handles are a rotating wedge style and locked in place with a 2 -3/4" x 5/16" drop lock clevis pin. When locked in place handles have 2- 1/2" of positive locking engagement on door lip.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean out door in bottom of trough opens in combination with top cover to provide access from top and bottom for complete clean out.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 1/4" 201 stainless steel access plate bolted to the trough end plate shall provide the drive motor mount and side access to the auger for ease of replacement or service of the auger	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The end plates are to be a minimum of 25" tall at the front and 15" tall at the rear to eliminate the need for any internal spill shields. Each endplate shall have two sets of quick detach hardware.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All attachment hardware (bolts, nuts) shall be 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader does not interfere with normal operation of dump body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6" diameter bi-directional flight auger with 3/8" flighting. 4" Auger pitch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Flighting welded to a 2.5" O.D. schedule 40 pipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger supported by 1-1/4" diameter shaft running in grease able anti-friction ball bearings-flange mounted on the outside trough ends.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The auger drive motor shaft and idler bearing shaft shall each have a polyurethane insert in the attachment to auger pipe to prevent seizing due to corrosion.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hopper discharge opening has a 201 stainless steel anti-flow shield preventing free flow of granular material from the trough when the auger is stopped.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger is driven by a high torque, low speed, 18.7 C.I.R. hydraulic motor with an integral speed sensor. The sensor is to have an M12 connector.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Motor is directly coupled to the auger.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has two sets of 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18" diameter polyurethane spinner disk	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Directly driven by a high torque, low speed (550 RPM max.) 2.8 C.I.R. Char-lynn hydraulic motor (Char-lynn part #101-1313).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner motor mounted underneath the spinner on the left center of the trough.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner assembly shall be self-leveling and kept parallel to road surface at all dump angles without requiring a stabilizer bar attached to the truck frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
201 stainless steel stationary shield mounted in front of the spinner to protect the truck under carriage from thrown material.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner-mounting bracket, pivoting rod and mounting hardware shall be 201 stainless steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner shall be adjustable from left to right and easily removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner assembly shall have two positions of height adjustment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To ease with maintenance and accessibility, the spinner assembly shall mount to the trough frame. The spinner will be independent of the clean out door thus reducing the weight of the lower clean out door. Spinner assemblies which are mounted to the clean out door will be unacceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be high-pressure cleaned with a phosphate solution to remove slag, splatter, oxide, and oil residue. All stainless steel to remain in natural finish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-stainless steel parts to be painted black	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Hydraulic Pump and PTO:</b>	
The hydraulic pump shall be a variable volume pressure compensated load sensing axial piston type.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front mounting flange and main housing/case shall be cast iron.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The inlet and outlet port section shall be high strength ductile iron with SAE split flange porting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump shall have proper seals to facilitate use of a "wet spline" PTO	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The suction port and associated plumbing shall be sized to allow for minimum inlet restriction between the pump and the suction port on the reservoir	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Suction plumbing shall be equal to or greater than the pump inlet or suction size.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" full flow ball valve shall be installed in the suction line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump input shaft is to have a minimum continuous torque rating equal to 200% of the imposed load when the pump is operated at maximum engine RPM, maximum displacement and system pressure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front input shaft bearing is to be of the heavy duty ball or roller type design for high axial and radial loading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The rear shaft bearing is to be high speed and load sleeve type design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The bearings are to be fully lubricated by flooded case oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Ramp/swashplate supported by pressure lubricated bearings of the rocker cam or servo control cylinder for rapid pump response and precise pump output control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Adjustable load sense and high pressure compensator control valve assembly of the full cartridge or of bolt on housing design for ease of replacement and repair.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
System design and components to provide flow, pressure, and performance requirements stated herein with a maximum operating load sense differential pressure of 300 psi and a maximum standby pressure of 350 psi for maximum efficiency.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If pilot control shifted valving is utilized in the system they are to be designed to be fully functional within this pressure range.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump outlet shall be capable of providing hoist cylinder extension required for a 50 degree body dump angle in 13 seconds or less at 1500 engine rpm's at a 1000 psi system load.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump shall be a Sauer Danfoss Series 45	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The pump shall be PTO mounted off the transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The PTO shall be a hot shift style and fit on the Allison transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The PTO shall be of a wet spline design to provide constant lubrication to the pump shaft splines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The PTO shall come with a direct mount rotatable pump flange	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Directional Control Valve Assembly:</b>	
The hydraulic valve will be a cast iron, sectional type spool valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Valve will feature individual pressure and flow compensation for each section. The valve will be rated for a nominal flow of 30 gpm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sections for the hoist, plow and plow angle will be shifted via proportional solenoid control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The load sensing shuttle network will be internal and include delrin seats for long term reliability and ease of replacement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sections will be provided for: Dump Hoist Double Acting with down relief Front Plow Double acting lift Front Plow Double acting angle Pre-Wet Single acting Spinner Single acting Feeder Single acting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hoist and plow sections will include a manual handle override. Spreader sections will include a push pin manual override. The hydraulic valve will include a main relief.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The Hydraulic valve will be a Sauer-Danfoss model PVG-32.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Hydraulic Valve Enclosure/Reservoir Combination:</b>	
The hydraulic valve will be mounted in an enclosure that fully encloses the hydraulic valve and is part of the oil reservoir package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The enclosure will feature a removable access panel held in place by rubber latches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All plumbing internal to the enclosure will be SAE tubing and terminate on the enclosure bottom with bulk type JIC fittings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The reservoir will be frame mounted and have a capacity of not less than 30 gallons of hydraulic oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Reservoir will include a fill cap with anti splash shield, sight and temp gauge and a float assembly wired to the console to notify the operator of a low oil condition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The reservoir will include a tank magnet and drain plug.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reservoir to be fabricated from 304 stainless steel and include the valve enclosure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Valve enclosure/reservoir is to be a ServiceGuard series.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>IN CAB CONTROLS FOR DUMP AND FLOW:</b>	
The hoist and plow functions will be controlled from the cab via proportional joystick assemblies.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The hoist control joystick shall be a single axis with a neutral lock	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow control joystick shall be a dual axis.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Controls to be mounted in a floor mounted console that will include an arm rest and provision for mounting the spreader control to.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control pedestal is to be adjustable up and down and left to right and shall include a padded armrest.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Console is to have a minimum of six switches and four indicator lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control installation to include indicator lights for body up, low oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control console to be a Stormguard Freedom series.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>ELECTRONIC SPREADER CONTROLLER:</b>	
Knobs to be rotary encoders with push feature and no maximum or minimum limit position.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Touch screen shall be used for set up and calibration of the unit.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a USB port on the side of the unit for data download to a USB stick if option is selected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit delivered shall be a Freedom 2.1 as manufactured by Certified Power	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Unit dimensions shall be approximately 7.8" long x 4" high x 3.8" deep	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A standard hoop style bracket shall be provided for ease of mounting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall utilize a color TFT LCD display with touch input capability.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall use an AMP 23 pin sealed connector for all spreader electrical connections	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall not weigh more than one pound	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller housing shall be powder coated aluminum	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Operating temperature range shall be -40 degrees Celsius to +70 degree Celsius with 6 AMP's total PWM current	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand vibration to SAE 1455 2G swept sinusoidal 10 - 2 GHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand vibration to SAE 1455 random 5 - 500 Hz, cab mounted profile without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand drop to tiled concrete from 36" to each face without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control to have 3 PWM output channels. Feeder and spinner PWM capable of 4 AMPS each, liquid PWM capable of 6 AMPS. Total system PWM current limited to 10 AMPS at 50 degrees Celsius. (6 AMPS at maximum operating temperature.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 channel shall be ground speed oriented auger, 1 channel for spinner, and 1 channel for a liquid function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liquid function shall be configurable to control either a pre-wet or a single lane anti-ice function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The controller is to have a simple operator interface consisting of 3 buttons, two knobs and an interactive touch screen.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programming of unit shall not require the use of any ancillary devices or computers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The USB port shall function as an upload port to allow field upgrade of software or capabilities of the system. This port also allows for the saving or restoration of calibration settings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front panel function text is to be backlit for night viewing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To prevent glare at night, there shall be a "night mode" for the touch screen.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit is to be supplied with 8MB of RAM and 4MB of flash memory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a field replaceable fuse to protect the system. This fuse is to be easily accessible.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The "help" information for trouble shooting and calibration shall be embedded in the on board software	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The system shall support a remote blast and remote pause feature.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall function in open loop and/or closed loop modes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The PWM circuits shall be configurable for current regulation or voltage regulation to reduce hysteresis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be an input to sense a stall of the spreader	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A float input circuit shall be provided to turn off liquid system at a low level	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Storm totals shall be available on screen and via USB download or through an RS232 serial AVL data cable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet handling electrostatic discharge of 8kV direct and 25kV air discharge per SAE J1113/13 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 860MHz, class 4 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 108MHz, class 3 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated immunity limits per SAE J1113/21 10 KHz – 2 GHz, 100V/m, 1kHz AM modulation, vertical and horizontal polarity without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand load dump limits per SAE J1113/11 pulse 5, for heavy duty vehicles without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand bulk current injection limits per SAE J1113/4 1 – 400 MHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand engine cranking pulse limits per SAE J1113/11 pulse 4 without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand conducted transient limits per SAE J1113/11 pulses 1a, 1b, 2a, 2b, 3a, and 3b without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous reverse supply voltage without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous supply voltage of 28 VDC without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall have an ARM 9 processor running at 150MHz.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall utilize NET OS running Certified Power spreader control software.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall be capable of communicating with AVL devices using Certified Power Freedomn Talk protocol.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall have internal audible alarm capability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Encoders shall provide audible feedback with rotation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The configuration menu options shall be disabled when ground speed is present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	The controller shall require a password unlock to change configurations and calibrations to prevent operator intervention.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall not require continuous connection to the vehicle battery when not in use.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall provide NPN type output signals for the spreader PWM functions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall have open loop liquid control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall have 4 configurable material types	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The storm totals shall be available on screen and be able to be downloaded to a USB thumb drive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be a float switch input for liquid tank empty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Error messages must be displayed on screen and set audible alarm	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall be voltage and current controlled for stability of output	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Inputs shall be available for remote pause and remote blast functionality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be a ground speed triggered auxillary output to operate a cross conveyor or other function	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall be and to interface with Freedom ATS data device	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	There shall be a switch input for conveyor stall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall be able to detect a short in a sensor circuit or in a calve drive circuit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be 3 additional unused inputs for additional devices	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall be upgradable via a USB thumbdrive without the use of a specialized device.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall allow firmware updates via a USB thumbdrive without the use of a computer or specialized device.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The spreader controller shall be a Certified Power Freedom 2.1 or prior approved equal.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<b>HYDRAULIC PLUMBING:</b>	
	Hoses must be sized accordingly to provide optimum performance of all hydraulic equipment. JIC and ORB fittings are required.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Wherever possible stainless steel hydraulic tubing should be used. Rubber hose lengths should be kept to a minimum	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Stainless steel hydraulic tubing should be routed from behind the cab to the end of the frame rails at the rear and should be the following Three ½" stainless steel tubing for auger pressure, spinner pressure, and pre-wet pressure. One 1" combined return line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	These hydraulic tubes should be installed in isolator style tubing clamps which are mounted to a 4" x ¼" flatbar that is fastened to the dump body sub-frame. There shall be a tubing clamp no more than 6" from each end and every 24" in between.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hydraulic hoses shall be routed from the end of the stainless steel tubing to the dump body sub-frame on both sides just ahead of the dump body rear corner posts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hydraulic hoses on the outside of the sub-frame shall be routed along the under-side of the dump body floor and attached to quick disconnect brackets that are welded to the floor of the dump body just ahead of the rear corner posts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be two ½" quick disconnects for the spinner motor on the drivers side and four ½" quick disconnects, two for the auger motor and two for the pre-wet system on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	The hydraulic lines for the snowplow shall also utilize stainless steel hydraulic tubing. These lines shall be routed on the drivers side of the truck and should interfere with any maintenance that needs to be done to the chassis. Whip hoses should be ran from the end of these hoses and bulkheaded to the snowplow hitch push plate attached to frame rails.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snowplow circuit should have hydraulic quick disconnects for the reversing cylinders and the lift cylinder.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All hydraulic hoses installed outside the frame rails shall be wrapped in a kevlar hose protection material. This is to include all hoses routed to the plow, spreader, pre-wet system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>PRE-WETTING SYSTEM:</b>	
	Hydraulic drive motor shall be a 1.21 CIR geroler type utilizing a flexable lovejoy coupling that drives the liquid pump..	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid pump shall be a 8.5 GPM @ 1750 RPM gear type of corrosion resistant materials with carbon graphite bearings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 20 mesh suction strainer shall be installed prior to the brass liquid pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid output shall be controlled by the Hydraulic Control System.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An in-line turbine style liquid flowmeter with fair accuracy up to 15 GPM shall provide liquid flow information to the Hydraulic Control System for precise gal/ton metering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The truck will also be equipped with dual 120 gallon behind the cab pre-wetting reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Each tank is to include a top fill cap that is tethered to the tank and a clean out sump in the bottom of the tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The tanks will be installed in a stainless steel frame that is mounted to the chassis frame rails. The tanks are to be secured to the frame by two 2" nylon straps per tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tanks shall be plumbed together utilizing a minimum of three inch nylon braided hoses or corrugated plastic hoses. All fittings used are to be as large as possible to accomplish an equalized fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Both tanks are to have overflow tubes installed in the top and run down to a point below the floor level of the body. These tubes are to be securely fastened to the mounting frame of each respective tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pre-wetting system is to be supplied with a 2" cam lock style quick fill located in a convenient location for the operator. Location will be determined at the pre-build conference.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A system flush kit is to be provided and installed on the truck. This system is to consist of a separate poly reservoir that is a minimum of two gallon capacity that is plumbed into the main reservoir supply line with a poly tee.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	When delivered the truck must have a minimum pre-wetting capacity of 240 gallons.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A full length x ½ inch diameter stainless steel pipe shall be mounted inside the spreader hopper with at least two stainless steel u-bolts. The pipe should have a series of holes in it to discharge pre-wet material into the hopper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MISC. DUMP BODY EQUIPMENT:</b>	
	A set of rubber mudflaps are to be provided and installed rearward of the rear tires. These mudflaps are to be at least ½" thick and are to be installed on a hinged stainless steel bracket that is removable without the use of any tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A set of plastic mudguards are to be provided and installed forward of the rear wheels and high enough to form a seal with the under side of the body floor.. The mudguards be installed on a bolt-on stainless steel removeable bracket that is attached to the chassis frame rail. These mudguards should have anti-sail brackets installed around them.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A stainless steel spring loaded shovel holder is to be supplied and installed on a stainless steel plate that is welded to the body. This plate should be welded to the body prior to that painting process. The location to be determined during the pre-paint meeting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 3/4 inch thick pintle plate is to be welded to rear of the chassis frame rails. Two (2) 1" "D" rings should be welded to the plate and A 45 TON pintle hook should be provided. The chassis manufacturer trailer plug and glad hands (if provided) are also to be mounted to this plate. "Keyhole" style trailer chain keepers are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A pollack 9 pin trailer plug part number 12-907P shall be installed in the pintle plate. Wiring diagram shall be provided by the village prior to installation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MANUALS:</b>	
	Parts and service manuals for all items shall be provided in a bound book upon delivery of the completed vehicle. Two complete lists of part numbers of item used in building the truck will be included	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>TRAINING:</b>	
	Equipment installer to provide training on all operations and calibration of all equipment upn delivery of completed vehicle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>WARRANTY:</b>	
	One full winter season parts and labor on all equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Dump body, snowplow, spreader, and pre-wet system to carry a one year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Dump Body hoist to carry a three year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Whelen lighting to carry a five year replacement warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	No charge pick up and delivery of truck for warranty will be provided by the bidder during the warranty period	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>INSTALLATION OF AFTERMARKET EQUIPMENT:</b>	
	The dump body, snowplow and snowplow hitch must be provided from and installed by an authorized primary distributor of the original equipment manufacturer. No Exceptions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	For warranty considerations and future availability of parts and service, the body company must be an authorized primary distributor for all major components they propose to furnish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All equipment must be installed by a single body company, by their employees and at their regular location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Completed vehicle must be certified by the body company as meeting all federal motor vehicle safety standard in effect at time of chassis production.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Approved NHTSA/FMVSS certification label must be furnished and located inside cab on driver's side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Completed unit to comply with current OSHA regulations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Body company must be registered with National Highway Traffic Safety Administration as a final stage manufacturer of motor vehicles as required by Federal Law.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Body company to be registered and in good standing with National Truck Equipment Association (NTEA) and be the authorized distributor for all equipment bid with products having an MVP status.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	<b>DELIVERY</b>	
	Upon delivery the truck and equipment shall be fully operational and without defect.	<input type="checkbox"/> Yes <input type="checkbox"/> No

If any boxes were checked as non-compliant to the specifications above, please provide detailed information as to what is being provided below.

- Page 8 - Henske Hitch 1/2" x 4" x 3"
- Page 9 - Mold board 43" not 42"
- Page 9 - 3" x 2 1/2" x 3/4" Top Angle
- Page 12 - Bidding Force pump not Sauer Danloss
- Page 12 - Bidding Force Valve not Sauer-Danloss PVG32
- Page 13 - Bidding Force Valve Enclosure not Service Guard
- Page 13 - Bidding Force Control Console not Stronquist Inclosure
- Page 13 - Bidding Force SIOOFX not Freedom by Certified.
- Page 13 - Housing Plastic not aluminum
- Page 14 - Controller use force software
- Page 14 - force control works with AVL devices
- Page 15 - Spreader Control force SIOOFX not Certified PowerFreedom



PROPOSAL
\*\*\*\*\*
AUTO TRUCK GROUP
1420 BREWSTER CREEK BLVD
BARLETT, IL 60103
PHONE (630)860-5600 \* FAX(630)860-5631
E-MAIL: sales@autotruck.com



Contact: 10217
PHILLIP SOLDANO
VILLAGE OF WINNETKA
510 GREEN BAY RD
WINNETKA, IL 60093-2552

Quote No : 396934
Quote Date : 4/7/2014
Expire Date: 5/7/2014
Sales Rep : 112
Phone No : 847-716-3267
Fax No : 847-501-2680

VILLAGE OF WINNETKA BID #014-013

SINGLE AXLE DUMP TRUK PACKAGE

DUMP BODY AS PER SPEC
ELECTRICAL AND LIGHTING PACKAGE AS PER SPEC
CABSHIELD AND TARP SYSTEM AS PER SPEC
SNOWPLOW HITCH AS PER SPEC
SNOWPLOW AS PER SPEC
SALT SPREADER AS PER SPEC
HYDRAULIC PUMP AND PTO AS PER SPEC
DIRECTIONAL CONTROL VALVE ASSEMBLY AS PER SPEC
HYDRAULIC VALVE ENCLOSURE/RESERVOIR AS PER SPEC
IN CAB CONTROLS FOR DUMP AND PLOW AS PER SPEC
ELECTRONIC SPREADER CONTROL FROM FORCE AMERICA AS PER SPEC
HYDRAULIC PLUMBING AS PER SPEC
PRE-WETTING SYSTEM AS PER SPEC
MISC. DUMP BODY EQUIPMENT AS PER SPEC
MANUALS/TRAINING/WARRANTY AS PER SPEC

TOTAL PACKAGE \$ 70,574.00

Submitted By:

Accepted By:

Date:

Make : Wheelbase : VIN :
Model : Cab-Axle : Trans :
Year : Body Paint: Factory Ord:

We put the work in work trucks.

**ATTACHMENT #3**

**Northwest Truck, Inc. with Bonnell Industries, Inc. bid**



# VILLAGE OF WINNETKA

*Incorporated in 1869*

**PROPOSAL FORM  
BID #014-013  
SINGLE AXLE DUMP TRUCK**

**BID OPENING DATE: APRIL 8, 2014**

**TIME: 11:00 A.M.**

Bidders **MUST** include a signed and notarized copy of the enclosed compliance affidavit with the returned bid form. The undersigned bidder hereby proposes to furnish and deliver as per terms, conditions and specifications of the attached bid document, one (1) ~~25-Yard Rear Loading Hydraulically Actuated Refuse Body~~ at the unit price listed below: If addenda have been received, acknowledge receipt by listing addenda numbers: \_\_\_\_\_

**Please mark the outside of bid envelope: BID #014-013.**

**NOTE: PRICE MUST INCLUDE DELIVERY.**

UNIT PRICE AS PER SPECIFICATIONS:

\$ 155,131<sup>00</sup>

MAKE: FREIGHTLINER W/ BONNELL

MODEL: 108SD

DELIVERY: 180 DAYS TERMS: 15 DAYS

510 Green Bay Road, Winnetka, Illinois 60093  
Administration and Finance (847) 501-6000 Fire (847) 501-6029 Police (847) 501-6034  
Public Works (847) 716-3568 Water and Electric (847) 716-3558 [www.villageofwinnetka.org](http://www.villageofwinnetka.org)

**PROPOSAL FORM (CON'T)**

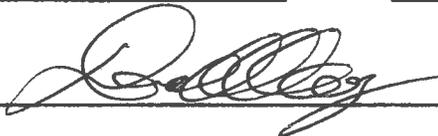
COMPANY NAME: NORTHWEST TRUCKS, INC

COMPANY ADDRESS: 2120 RAND ROAD

PALATKA, FL 60074

NAME (PRINT): Don Cooper PHONE: 847-991-0900

TITLE: TRUCK SALES DATE: 4-7-2014

AUTHORIZED SIGNATURE: 

## **COMPLIANCE AFFIDAVIT**

As a condition of entering into a contract with the Village of Winnetka, and under oath and penalty of perjury and possible termination of contract rights and debarment, the undersigned deposes and states that he has the authority to make any certifications required by this Affidavit on behalf of the bidder, and that all information contained in this Affidavit is true and correct in both substance and fact.

### **Section 1: BID RIGGING AND ROTATING**

1. This bid is not made in the interest of, or on behalf of an undisclosed person, partnership, company, association, organization or corporation;
2. The bidder has not in any manner directly or indirectly sought by communication, consultation or agreement with anyone to fix the bid price of any bidder, or to fix any overhead profit or cost element of their bid price or that of any other bidder, or to secure any advantage against the Village of Winnetka or anyone interested in the proper contract;
3. This bid is genuine and not collusive or sham;
4. The prices, breakdowns of prices and all the contents quoted in this bid have not knowingly been disclosed by the bidder directly or indirectly to any other bidder or any competitor prior to the bid opening;
5. All statements contained in this bid are true;
6. No attempt has been or will be made by the bidder to induce any other person or firm to submit a false or sham bid;
7. No attempt has been or will be made by the bidder to induce any other person or firm to submit or not submit a bid for the purpose of restricting competition;
8. The undersigned on behalf of the entity making this proposal or bid certifies the bidder is not barred from entering into this contract as a result of violations of either Section 33E-3 or Section 33E-4 of the Illinois Criminal Code.

### **Section 2: TAX COMPLIANCE**

1. The undersigned on behalf of the entity making this proposal or bid certifies that neither the undersigned nor the entity is barred from contracting with the Village of Winnetka because of any delinquency in the payment of any tax administered by the State of Illinois, Department of Revenue, unless the undersigned or the entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability of the tax or the amount of tax;

2. The undersigned or the entity making this proposal or bid understands that making a false statement regarding delinquency of taxes is a Class A Misdemeanor and in addition voids the contract and allows the municipality to recover all amounts paid to the entity under the contract in civil action.

### Section 3: EQUAL EMPLOYMENT OPPORTUNITY

This EQUAL OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act, 775 ILCS 5/101 et seq.

In the event of the contractor's non-compliance with any provision of the Equal Employment Opportunity Clause, the Illinois Human Rights Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights, the contractor may be declared non-responsive and therefore ineligible for future contractor subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulations.

During the performance of this contract, the contractor agrees:

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or woman are underutilized and will take appropriate action to rectify any such underutilization;
2. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contract's) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized;
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.
4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other such agreement or understanding, a notice advising such labor organization or representative of the contractor's obligation under the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contract. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so

notify the Department and contracting agency will recruit employees from other sources when to fulfill its obligation thereunder.

5. That it will submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contracts.
6. That it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Departments Rules and Regulations for Public Contracts.
7. That it will include verbatim or by reference the provisions of this Equal Opportunity Clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

#### **Section 4: ILLINOIS DRUG FREE WORK PLACE ACT**

The undersigned will publish a statement:

1. Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or a use of a controlled substance is prohibited in the work place;
2. Specifying the actions that will be taken against employees for violating this provision;
3. Notifying the employees that, as a condition of their employment to do work under the contract with the Village of Winnetka, the employee will:
  - A. Abide by the terms of the statement;
  - B. Notify the undersigned of any criminal drug statute conviction for a violation occurring in the work place not later than five (5) days after such a conviction.
4. Establishing a drug free awareness program to inform employees about:
  - A. The dangers of drug abuse in the work place;

- B. The policy of maintaining a drug-free work place;
  - C. Any available drug counseling, rehabilitation or employee assistance programs;
  - D. The penalties that may be imposed upon an employee for drug violations.
5. The undersigned shall provide a copy of the required statement to each employee engaged in the performance of the contract with the Village of Winnetka, and shall post the statement in a prominent place in the work place.
  6. The undersigned will notify the Village of Winnetka within ten (10) days of receiving notice of an employee's conviction.
  7. Make a good faith effort to maintain a drug free work place through the implementation of these policies.
  8. The undersigned further affirms that within thirty (30) days after receiving notice of a conviction of a violation of the criminal drug statute occurring in the work place he shall:
    - A. Take appropriate action against such employee up to and including termination;  
or
    - B. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

#### **Section 5: SEXUAL HARRASSMENT POLICY**

The undersigned on behalf of the entity making this proposal or bid certifies that a written sexual harassment policy is in place pursuant to Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A).

This Act has been amended to provide that every party to a public contract must have written sexual harassment policies that include, at a minimum, the following information:

1. The illegality of sexual harassment;
2. The definition of sexual harassment under State law;
3. A description of sexual harassment, utilizing examples;
4. The vendor's internal complaint process, including penalties;

5. The legal recourse, investigative and complaint process available through the Department of Human Rights, and the Human Rights Commission;

6. Directions on how to contact the Department and Commission;

7. Protection against retaliation as provided by 6-101 of the Act.

**Section 6: VENDOR INFORMATION**

1. Is the bidder a publicly traded company? (yes or no)     No      
If the answer is yes, state the number of outstanding shares in each class of stock.  
Provide the name of the market or exchange on which the company's stock is traded.

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2. Is the bidder 50% or more owned by a publicly traded company? (yes or no)     No      
If the answer to the above question is yes, name the publicly traded company or companies owning 50% or more of your stock, state the number of outstanding shares in each class of stock and provide the name of the market or exchange on which the stock of such company or companies is traded.

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IT IS EXPRESSLY UNDERSTOOD THAT THE FOREGOING STATEMENTS AND REPRESENTATIONS AND PROMISES ARE MADE AS A CONDITION TO THE RIGHT OF THE BIDDER TO RECEIVE PAYMENT UNDER ANY AWARD MADE UNDER THE TERMS AND PROVISIONS OF THIS BID.

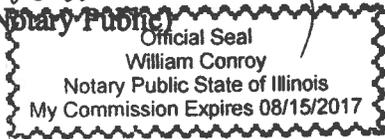
SIGNATURE: *Don Cooper*

NAME: Don Cooper TITLE: TRUCK SALES  
(print or type)

Subscribed and sworn to me this 7<sup>th</sup> day of APRIL,

2014, A.D.

By: *William Conroy*  
(Notary Public)



-Seal-

**BID No. 014-013  
SPECIFICATIONS FOR A SINGLE AXLE DUMP TRUCK**

**GENERAL:**

The Village of Winnetka is seeking competitive bids for one (1) Single axle dump truck. This specification shall describe a **Single Axle Dump Snowplow/Salt Truck and Related Equipment**. Bidders must submit with their bid complete specifications on the unit they propose to furnish.

<b>MINIMUM CHASSIS REQUIREMENTS</b>	<b>COMPLIANCE</b>
<b>VEHICLE CONFIGURATION</b>	
Most Current Model Year – Please state year <u>2015</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Set Back Axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>GENERAL SERVICE</b>	
Expected front axle load of 18,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected rear axle load of 23,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected gross vehicle weight capacity of 41,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE</b>	
Minimum horsepower rating of 300 HP @ 2600 RPM, 2600 GOV, 660 lb/ft@1600 RPM	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE EQUIPMENT</b>	
2013 EPA/CARB emission certification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean Idle Certified sticker on left side of hood	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine mounted oil check and fill	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Side of hood air intake with firewall mounted Donaldson air cleaner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12V 200 AMP 28-SI quadramount pad alternator with remote battery voltage sense.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) Alliance model 1231, group 31, 12 volt maintenance free 2250 CCA threaded stud batteries.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Battery box to be frame mounted on the left side at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18.7 CFM air compressor with internal safety valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic engine integral shutdown protection system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Right hand outboard under step mounted horizontal after-treatment device with right hand horizontal tailpipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine after-treatment device, automatic over the road regeneration and dash mounted regeneration request switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13 gallon diesel exhaust fluid tank with 100% diesel exhaust fluid fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Borg Warner (Kysor) rear on/off engine fan clutch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spin on style fuel filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Full flow oil filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1200 square inch aluminum radiator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Antifreeze rated to -34F, NOAT extended life.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gates blue stripe coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Constant tension hose clamps for coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric grid air intake warmer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Delco 12V, 38MT HD starter with integrated magnetic switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION</b>	
Allison 3500RDS automatic transmission with PTO provision.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION EQUIPMENT</b>	
WTEC calibration – 6 speed RDS package with Allison Optimized. (Package 223)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vehicle interface wiring with Body Builder connector at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Electronic transmission customer access connector firewall mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push button, electronic shift control to be dash mounted	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission Prognostics enabled	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water to oil transmission cooler	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission oil check and fill with electronic oil level check	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission to be supplied with synthetic transmission fluid and be TES-295 compliant.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT AXLE AND EQUIPMENT</b>	
20,000 pound front axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 6 Q+ cast spider cam front brakes, Double anchor fabricated shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos front brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron front brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vented front hub caps with window -- oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard spindle nuts for all axles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic front slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TRW TAS-85 power steering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Power steering pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 quart see through power steering reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 front axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT SUSPENSION</b>	
18,000 pound tapered leaf front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Graphite bronze bushings with seals for front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front shock absorbers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR AXLE AND EQUIPMENT</b>	
23,000 pound single rear axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.14 rear axle ratio.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Iron rear axle carrier with standard axle housing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17T main extended lube driveline with half round yokes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 7 P cam rear brakes, double anchor, cast shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Brake cams and chambers on forward side of drive axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos rear brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron rear brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rear oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex Goldseal longstroke 1 drive axle spring parking chambers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic rear slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 rear axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR SUSPENSION</b>	
23,000 pound flat leaf rear suspension with helper and radius rod.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard U-bolt pad.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fore and aft control rods.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>BRAKE SYSTEM</b>	
Air brake package	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wabco 4S/4M ABS without traction control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced nylon, fabric braid and wire braid chassis air lines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BW AD-IS (DRM) air dryer with integrated air governor and heater.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air dryer reservoir mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steel air brake reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Petcock drain valves on all air reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELBASE AND FRAME</b>	
162 inch wheelbase, 96 inch cab-to-axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

11/32"x 3-1/2"x 10-5/16" steel frame, 120 KSI	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" C-channel inner frame reinforcement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
24" integral front frame extension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Primary connector/receptacle wired for separate Stop/Turn with center pin power through ignition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CHASSIS EQUIPMENT</b>	
14" painted steel bumper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front tow hooks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fender and front of hood mounted front mudflaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Huckspin round collar chassis frame fasteners.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FUEL TANKS</b>	
90 gallon aluminum fuel tank, left hand mounted, 23" diameter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank forward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank cap.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Alliance fuel filter/water separator with heated bowl and primer pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Equiplo inboard fuel system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High temperature reinforced nylon fuel line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TIRES</b>	
Michelin XZU-S2 315/80R22.5 20 ply radial front tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Michelin XZU M/S 11R22.5 14 ply radial rear tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HUBS</b>	
Comnet pre-set bearing iron front and rear hubs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELS</b>	
22.5x9.00 10 hub pilot 5 hand steel disc front wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.5x8.25 10 hub pilot 2 hand steel disc rear wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB EXTERIOR</b>	
108" BBC flat roof conventional aluminum cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air cab mounts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-removable bug screen mounted behind the grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bolt-on molded flexible fender extensions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and Right hand grab handles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stationary black grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black hood mounted air intake grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hood liner, added firewall and floor heat insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual 14 inch round polished air horn with horn shield.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual electric horns.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door locks and ignition switch keyed the same with four keys. Key code to be FT2525.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Halogen composite headlights with black bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LED aerodynamic marker lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral stop/tail and back up lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual West Coast bright finish heated mirrors with left hand and right hand remote.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door mounted mirrors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand bright finish convex mirrors mounted under primary mirror.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
63" x 14" tinted rear window.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tinted door glass left hand and right hand with tinted operating wing windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Right hand and Left hand electric powered windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 piece tinted curved bonded windshield with heated wiper blade park areas.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8 liter windshield washer reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB INTERIOR</b>	
Opal gray vinyl interior.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand molded door panels with aluminum kick plate on lower door.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black mats with single insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted ash tray and lighter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Forward roof mounted console with upper storage compartments without netting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) cupholders left hand and right hand dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gray/Charcoal flat dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5lb fire extinguisher.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Heater, defroster, and air conditioning.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard HVAC ducting with snow shield for fresh air intake.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Main HVAC controls with recirculation switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard heater plumbing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Denso heavy duty air conditioner compressor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Premium insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Solid state circuit protection and fuses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dome light with 3-way switch activated by left and right doors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand electric door locks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) 12 volt power supply in dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Triangular reflectors without flares.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High back air suspension drivers seat and passenger seat with mechanical lumbar support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand integral door panel armrests.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black Cordura Plus cloth drivers and passengers seat covers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 point high visibility orange retractor driver and passenger seat belts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Adjustable tilt and telescoping steering column.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4 spoke 18" steering wheel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Driver and passenger interior sun visor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>INSTRUMENTS AND CONTROLS</b>	
Gray driver and center instrument panels	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black gauge bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Low air pressure light and buzzer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch primary and secondary air pressure gauges.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted air restriction indicator with graduations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Preco 1040 87 Dbl automatic self adjusting back up alarm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic cruise control with switches in LH switch panel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Key operated ignition switch and integral start position, four position off/run/start/accessory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Odometer/trip/hour/diagnostic/voltage display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Diagnostic interface connector, 9 pin, SAE J1939, located below the dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch electric fuel gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programmable RPM control – electronic engine.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electrical engine coolant temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch transmission oil temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine and trip hour meters integral within driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric engine oil pressure gauge	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

AM/FM/WB radio dash mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) radio speakers in the cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
AM/FM antenna mounted on forward LH roof.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic MPH speedometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic 3000 RPM tachometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Digital voltage display integral with driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Single electric windshield wiper motor with delay and Arctic type blades.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Marker light switch integral with headlight switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) valve parking brake system with warning indicator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral electronic turn signal flasher with hazard lamps over riding stop lamps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>COLOR</b>	
Cab to be painted one solid color.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab color is to be N0876EA Holly Green Elite SS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black, high solids polyurethane chassis paint.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vendor white front and rear wheels/rims.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MISC. EQUIPMENT</b>	
Truck dealer is to be within 60 miles of the Village of Winnetka.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Truck dealer to have parts delivery available during normal business hours Monday through Friday.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Extended towing is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Base vehicle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab corrosion/perforation warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Frame rails and cross members warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steer and Drive axle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A complete set of parts and service CD's are to be provided.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bidders must include a written Warranties in bid packet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	
<b>COMPLIANCE</b>	
Inside length of 10 feet	<input type="checkbox"/> Yes <input type="checkbox"/> No
Inside width to be 84"	<input type="checkbox"/> Yes <input type="checkbox"/> No
Side height of 30 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Tailgate height of 38 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Headsheet height of 48 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>SIDES &amp; HEADSHEET</b>	
One-piece sides & headsheet to be 10 gauge 201 stainless steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga. 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.	<input type="checkbox"/> Yes <input type="checkbox"/> No

<del>AM/FM/WB radio dash mounted.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Two (2) radio speakers in the cab.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>AM/FM antenna mounted on forward LH roof.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Electronic MPH speedometer.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Electronic 3000 RPM tachometer.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Digital voltage display integral with driver display.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Single electric windshield wiper motor with delay and Arctic type blades.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Marker light switch integral with headlight switch.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>One (1) valve parking brake system with warning indicator.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Integral electronic turn signal flasher with hazard lamps over riding stop lamps.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>COLOR</b>	
<del>Cab to be painted one solid color.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Cab color is to be N0876EA Holly Green Elite SS</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Black, high solids polyurethane chassis paint.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Vendor white front and rear wheels/rims.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>MISC. EQUIPMENT</b>	
<del>Truck dealer is to be within 60 miles of the Village of Winnetka.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Truck dealer to have parts delivery available during normal business hours Monday through Friday.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Engine warranty is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Transmission warranty is 5 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Extended towing is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Base vehicle warranty is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Cab corrosion/perforation warranty is 5 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Frame rails and cross members warranty is 5 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Steer and Drive axle warranty is 2 years/unlimited miles.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>A complete set of parts and service CD's are to be provided.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Bidders must include a written Warranties in bid packet.</del>	<del><input type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	<b>COMPLIANCE</b>
<del>Inside length of 10 feet</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Inside width to be 84"</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Side height of 30 inches.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Tailgate height of 38 inches.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Headsheet height of 48 inches.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<b>SIDES &amp; HEADSHEET</b>	
<del>One-piece sides &amp; headsheet to be 10 gauge 201 stainless steel <i>EXCEEDS</i></del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>
<del>A 10 ga. 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.</del>	<del><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</del>



7 GA.

	Each rear corner post shall have three light holes to accept a 6" oval light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	To prevent as much road spray as possible from entering the rear body corner posts, 201 stainless steel removable covers shall be installed on the bottom of each. This cover shall be removable by removing two cotter pins.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	A 10 ga. 201 stainless steel vertical headsheet with a formed-in doghouse extends a maximum of 12" into the body. The doghouse is to be straight from top to bottom, not tapered. <i>NO DOG HOUSE</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The vertical headsheet shall have chain hook points in each top corner to pick up the body in case of cylinder or hydraulic system failures.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A one piece side with a formed in rubrail. Floor to side seam on underside of body continuously welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 1-1/2" wide grip strut walk rail shall be installed along each side of the dump body and shall run from the front corner to near the rear corner post, leaving room to allow for the coupling of the spreader quick disconnects.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A three step pull out style ladder will be installed on the driver's side front corner of the body. This ladder is 17-1/2" wide and will have the ability to be stowed into a travel position. This ladder is to be installed prior to application of any primer or paint to the body. <i>FOLDING LADDER</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	A grab handle is to be installed within easy reach of the operator while on the ladder. This grab handle is to be installed prior to the application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 12" 201 stainless steel asphalt pan shall be provided. This pan shall be pinned on the rear corner posts utilizing the under-tailgate spreader mounting brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>FLOOR</b>	
	One-piece 1/4" AR400 floor. Two piece floors and welded floor to side radius construction is not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	4" floor to side radius. Spliced in sections are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The floor is to be a Western style cross-memberless floor. Cross members are not allowed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	One-piece 5" x #10.0 I-beam long sills OR 1/4" formed trapazoidal longs sills will be acceptable. Please state which will be provided below: <i>FORMED</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Maximum mounting height of 9" from top of frame rails to bottom of body floor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>TAILGATE</b>	
	One piece 10 ga 201 stainless steel tailgate sheet. <i>EXCEEDS</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Full perimeter boxing with all horizontal edges sloped outward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Shall have one 10 ga. 201 stainless steel sloped horizontal brace that is flush with the perimeter boxing <i>EXCEEDS 7 GA.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Flush mount, 1/2" flame cut pivots	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Heavy duty offset hinge plates, 1" flame cut	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	3/4" latch hooks with 3/8" latch plates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1-1/4" Hot Rolled upper and lower pins	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Double acting air cylinder style air tailgate release mechanism with electric switch installed in cab as part of the chassis electrical package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The upper tailgate pins will have provisions to be permanently attached to the body by a chain long enough to allow the pin to be installed and removed easily. There shall be a pin storage bracket installed in a convenient location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There is to be no tailgate linkage at the front of the body. No Exceptions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

7 GA.

A 12" 7 gauge grade 50 asphalt tray shall be provided. This shall utilize the spreader quick detach brackets and pins for installation. The asphalt tray should be painted black.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>STAINLESS</i>	
<b>HOIST</b>	
Single cylinder, front trunnion mount; must be of a bore-seal design. Inverted cylinder is not acceptable	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>UNDER BODY</i>	
N.T.E.A. class 50	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 stage cylinder, 90" stroke, with a 4.5" minimum first stage diameter	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wear and corrosion resistant Nitrited cylinder tubes	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Minimum 2 year cylinder warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Connecting pivots to have replaceable greaseless composite bushings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Oscillating cylinder collar	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cylinder to be a Mailhot Industries CS series full double acting cylinder. Under-Body scissor hoist systems are not acceptable.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>SUBFRAME &amp; REAR HINGE ASSEMBLY</b>	
4" structural channel subframe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6" x 4" x 3/8" structural angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
303 stainless steel 1-1/2" 1045 C.R. hinge pins connecting to 2-1/2" hinge blocks using replaceable <u>greaseless</u> composite bushings for a minimal pin-to-bushing clearance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>FULLY GREASEABLE EXCEPTS</i>	
<b>ELECTRICAL AND LIGHTING PACKAGE</b>	
Rubber mounted, shock resistant stop/turn/tail/back up lights in each rear corner post. Lights are to be Maxxima part number M85615R 6" oval LED.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rubber mounted, shock resistant I.C.C. 3-light cluster, for mounting in a fabricated light bar to be installed in the rear body hinge. All lights are to be Grote part number 47122 2-1/2" round LED with rubber grommets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Four red rear, two side mounted red rear reflectors, and two side mounted amber front reflectors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two rubber mounted, shock resistant amber flashing warning light in each rear corner post. Lights are to be Whelen 5G Super-LED series, part number 5GA00FAR with rubber grommets or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two surface mounted stop/tail/turn lights shall be mounted on the rear pintle plate. Lights are to be Whelen 600 series, part number 60R00XRR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One surface mounted back up light shall be mounted on the rear pintle plate. Light is to be Whelen 400 series, part number 40C00VCR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One 72" Whelen Justice lightbar is to be installed on the roof of the cab. This bar is to have two LED amber lightheads on each end and two facing forward. The lightbar shall also have two LED white working lights in the center.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lightbar is to be installed on Whelen 8" aluminum riser brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The wiring harness for the lightbar is to be wired through the roof of the chassis directly below the lightbar utilizing a compression fitting. After installation the compression fitting is to have silicone applied to the outside to eliminate leaks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Snow plow lights shall be installed on the hood of the chassis. The light should be Hella brand Model CS220 series lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow light brackets must be 304 stainless steel that is laser cut and formed from a single sheet of 7 gauge. The light bracket is to be installed using rubber grommets through the fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A Hella LED spreader light is to be installed on the street side rear of the spreader.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The spreader light should be wired into the sealed wiring spreader harness that is connected to the 9 pin trailer plug	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 97 Dbl., 12 volt back up alarm is to be installed at the rear of the frame	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A body up switch is to be installed with a warning indicator intergrated into the electronic spreader controller described within these specifications.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A Truck-Lite Model 15, Part number 15205 LED lincense plate light and bracket part number 42722 is to be installed at the rear of the frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An electric over air solenoid is to be installed to operate the air tailgate. This solenoid is to be installed within easy reach of the operator while they are outside the cab of the truck and should have a manual over ride in case of failure. <i>PIR/PIR</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<b><u>CABSHIELD AND TARP SYSTEM</u></b>	
	A 10 ga 201 stainless steel cabshield shall be included. The cabshield must be a minumum of 90" x 22", and should be solid welded to the vertical headsheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The cabshield is to have an integral tarp housing built into it large enough to store a manually retractable asphalt rated tarping system with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A spring loaded manual tarp system is to be provided and installed in the above tarp housing. This tarp should be hot asphalt rated with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tarp rope storage hooks are to be installed on the dump body front drivers side corner and on the tailgate at the rear of the body. Tarp hooks on the isde of the dump body are to be installed per the manufacturer's instructions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Two Whelen LED stripe lights are to be installed on each side of the cabshield facing the rear. There is to be one red LED stop/tail/turn light and one amber LED warning light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	These lights are to be installed one above the other in a stainless steel tarpered bracket that is bolted to the cabshield side support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b><u>PAINT PREPARATION</u></b>	
	All surfaces are high pressure cleaned & phosphated The under side of the floor and long sills shall be primed with an two-part urethane primer. A finish coat of POR-15 shall be applied over the primer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b><u>SNOWPLOW HITCH:</u></b>	
	Any Snowplow hitch provided must be compatible with existing snowplows in the Village fleet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame height of 33 5/8"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame width 26" for 30 1/2" centers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snow plow coupling device must be of the quick attach and release design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The receiver opening must be tapered and allow up to a 5" horizontal misalignment when connecting plow to truck.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Receiver boxes shall be fabricated from 1/2" plate and welded to 4" x 4" x 1/2" vertical structural angles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame members are 1/2" x 4" x 4" structural angle. This hitch is low profile for access to the truck's engine compartment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The lift arm and lift frame shall be designed to accept either a 3" or 4" lift cylinder with nitride cylinder tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Cylinders pins are to be 1" cold rolled steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A 4" x 10" double acting lift cylinder with a nitrated cylinder tube is to be supplied. The top port of the cylinder shall be plumbed with a 1/2" male quick disconnect and the bottom port of the cylinder shall be plumbed with a 1/2" female quick disconnect for removing the cylinder without the use of tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self-storing lift arm, accomplished by pulling one 1" pin and folding the cylinder up, allows you to re-pin to store.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The telescopic lift arm shall be manufactured of 4" x 4" x 3/8" square outer tubing and 3" x 3" x 3/8" square inner tubing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lifting plate shall be 3/8" x 4" flat material and have two banjo-type chain eyes able to accept 1/2" chain as well as the weight of the plow.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow hitch is to be welded to a 5/8" thick push plate and 1/2" cheek plates, which are bolted to the front frame rails and extend back to approximately the centerline of the front axle. Spacer bushings installed between the frame rails and cheek plates are not acceptable.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A 2" x 2" x 1/2" angle that is a minimum of 6" long should be installed on the inside of the cheek plate and below the frame rail on each side.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The OEM front bumper shall be modified and re-installed on the front of the truck. 1/4" x 1-1/2" stainless steel bumper braces should be installed between the back of the bumper and the frame rail on each side of the snowplow hitch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A pressure release valve is to be plumbed into the hydraulic lines of the plow reversing circuit and installed near the front hitch. This valve is to have a 1/4" hydraulic line that is plumbed back to the hydraulic reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SNOWPLOW</b>	
Height of moldboard is 42"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Length of moldboard is 11 feet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cutting path at 35° for an 11' plow is 108".	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3/8" thick poly moldboard with eight (8) 1/2" x 3 1/2" ribs for extra strength and rigidity.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to be an inverted "J" style	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to have a mailbox cut on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All welds must be continuous (skip welds not acceptable)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced 4" x 4" x 3/4" bottom angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3-1/2" x 2-1/2" x 3/8" top angle with holes to allow moisture to escape.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two horizontal braces for added rigidity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Attack angle is adjustable to 5°, 10°, and 20°	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A Winter Equipment Co. Carbide Blade Kit Part#SYS-RZ11FC is to be installed prior to delivery. <b>NO EXCEPTIONS.</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece cutting edge torsional trip with five (5) 3/4" square torsional springs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring pressure easily adjustable to 60% of maximum setting.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Torsional spring assembly must be designed to allow zero insertion force and disassembly with common hand tools and adjusting wrench (adjusting wrench supplied from factory)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame width is 119"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame 4" x 4" x 3/8" structural tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Six (6) moldboard-to-push frame pivot points with 1-1/4" bushings pin to two 5/8" mounting ears.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard attack angle brace connection plates are encased and continuous welded to the push frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Two (2) 3.5" x 3" x 16" nitrided hydraulic cylinders are single-acting for heavy duty power reversing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Circle-frameless outboard reversing cylinder design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be cleaned to remove slag, splatter, oxide, and oil residue.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 12' rubber snowdeflector shall be mounted to the top angle of the moldboard.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two 36" plastic sight markers will be provided, one on each end.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A set of Sno-Wheels rubber covered wheels will be installed on the plow when delivered. Snow Wheel Systems Part#6509 <b>NO EXCEPTIONS</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow pushframe shall have a universal quick hitch style quick attach bolted to it with a 1-1/4" bolt. Must match Winnetka's existing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SALT SPREADER:</b>	
Height (with spinner) is 33.75 or 36.00 inches (2 adjustable positions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Height (without spinner) is 20.5 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (with spinner) is 19.25 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (without spinner) is 18 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unit weight is approximately 550 lbs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7 gauge 201 stainless steel trough and rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" 201 stainless steel end plates with all interior seams welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece 201 stainless steel combination cover and upper rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The trough cover shall have a 201 stainless steel hinge rod and handle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front half of the trough shall hinge to provide access to auger and clean out functions. There shall be (6) pivot joints along the lower trough hinge line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The handles for positioning and locking the bottom trough shall be constructed of 201 stainless steel with rubber grips. Handles located on 52" centers. Handles are a rotating wedge style and locked in place with a 2 -3/4" x 5/16" drop lock clevis pin. When locked in place handles have 2- 1/2" of positive locking engagement on door lip.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean out door in bottom of trough opens in combination with top cover to provide access from top and bottom for complete clean out.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 1/4" 201 stainless steel access plate bolted to the trough end plate shall provide the drive motor mount and side access to the auger for ease of replacement or service of the auger	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The end plates are to be a minimum of 25" tall at the front and 15" tall at the rear to eliminate the need for any internal spill shields. Each endplate shall have two sets of quick detach hardware.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
All attachment hardware (bolts, nuts) shall be 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader does not interfere with normal operation of dump body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6" diameter bi-directional flight auger with 3/8" flighting. 4" Auger pitch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Flighting welded to a 2.5" O.D. schedule 40 pipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger supported by 1-1/4" diameter shaft running in grease able anti-friction ball bearings-flange mounted on the outside trough ends.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The auger drive motor shaft and idler bearing shaft shall each have a polyurethane insert in the attachment to auger pipe to prevent seizing due to corrosion.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hopper discharge opening has a 201 stainless steel anti-flow shield preventing free flow of granular material from the trough when the auger is stopped.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger is driven by a high torque, low speed, 18.7 C.I.R. hydraulic motor with an integral speed sensor. The sensor is to have an M12 connector.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Motor is directly coupled to the auger.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has two sets of 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18" diameter polyurethane spinner disk	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Directly driven by a high torque, low speed (550 RPM max.) 2.8 C.I.R.Char-lynn hydraulic motor (Char-lynn part #101-1313).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner motor mounted underneath the spinner on the left center of the trough.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner assembly shall be self-leveling and kept parallel to road surface at all dump angles without requiring a stabilizer bar attached to the truck frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
201 stainless steel stationary shield mounted in front of the spinner to protect the truck under carriage from thrown material.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner-mounting bracket, pivoting rod and mounting hardware shall be 201 stainless steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner shall be adjustable from left to right and easily removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner assembly shall have two positions of height adjustment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To ease with maintenance and accessibility, the spinner assembly shall mount to the trough frame. The spinner will be independent of the clean out door thus reducing the weight of the lower clean out door. Spinner assemblies which are mounted to the clean out door will be unacceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be high-pressure cleaned with a phosphate solution to remove slag, splatter, oxide, and oil residue. All stainless steel to remain in natural finish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-stainless steel parts to be painted black	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Hydraulic Pump and PTO:</b>	
The hydraulic pump shall be a variable volume pressure compensated load sensing axial piston type.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front mounting flange and main housing/case shall be cast iron.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The inlet and outlet port section shall be high strength ductile iron with SAE split flange porting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump shall have proper seals to facilitate use of a "wet spline" PTO	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The suction port and associated plumbing shall be sized to allow for minimum inlet restriction between the pump and the suction port on the reservoir	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Suction plumbing shall be equal to or greater than the pump inlet or suction size.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" full flow ball valve shall be installed in the suction line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump input shaft is to have a minimum continuous torque rating equal to 200% of the imposed load when the pump is operated at maximum engine RPM, maximum displacement and system pressure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front input shaft bearing is to be of the heavy duty ball or roller type design for high axial and radial loading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The rear shaft bearing is to be high speed and load sleeve type design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The bearings are to be fully lubricated by flooded case oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	Ramp/swashplate supported by pressure lubricated bearings of the rocker cam or servo control cylinder for rapid pump response and precise pump output control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Adjustable load sense and high pressure compensator control valve assembly of the full cartridge or of bolt on housing design for ease of replacement and repair.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	System design and components to provide flow, pressure, and performance requirements stated herein with a maximum operating load sense differential pressure of 300 psi and a maximum standby pressure of 350 psi for maximum efficiency.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If pilot control shifted valving is utilized in the system they are to be designed to be fully functional within this pressure range.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump outlet shall be capable of providing hoist cylinder extension required for a 50 degree body dump angle in 13 seconds or less at 1500 engine rpm's at a 1000 psi system load.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump shall be a Sauer Danfoss Series 45	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The pump shall be PTO mounted off the transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall be a hot shift style and fit on the Allison transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall be of a wet spline design to provide constant lubrication to the pump shaft splines.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The PTO shall come with a direct mount rotatable pump flange	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>Directional Control Valve Assembly:</b>	
	The hydraulic valve will be a cast iron, sectional type spool valve.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Valve will feature individual pressure and flow compensation for each section. The valve will be rated for a nominal flow of 30 gpm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Sections for the hoist, plow and plow angle will be shifted via proportional solenoid control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The load sensing shuttle network will be internal and include delrin seats for long term reliability and ease of replacement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Sections will be provided for: Dump Hoist Double Acting with down relief Front Plow Double acting lift Front Plow Double acting angle Pre-Wet Single acting Spinner Single acting Feeder Single acting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hoist and plow sections will include a manual handle override. Spreader sections will include a push pin manual override. The hydraulic valve will include a main relief.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The Hydraulic valve will be a Sauer-Danfoss model PVG-32.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<b>Hydraulic Valve Enclosure/Reservoir Combination:</b>	
	The hydraulic valve will be mounted in an enclosure that fully encloses the hydraulic valve and is part of the oil reservoir package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The enclosure will feature a removable access panel held in place by rubber latches.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	All plumbing internal to the enclosure will be SAE tubing and terminate on the enclosure bottom with bulk type JIC fittings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The reservoir will be frame mounted and have a capacity of not less than 30 gallons of hydraulic oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Reservoir will include a fill cap with anti splash shield, sight and temp gauge and a float assembly wired to the console to notify the operator of a low oil condition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The reservoir will include a tank magnet and drain plug.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reservoir to be fabricated from 304 stainless steel and include the valve enclosure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Valve enclosure/reservoir is to be a ServiceGuard series.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>IN CAB CONTROLS FOR DUMP AND PLOW:</b>	
The hoist and plow functions will be controlled from the cab via proportional joystick assemblies.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The hoist control joystick shall be a single axis with a neutral lock	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow control joystick shall be a dual axis.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Controls to be mounted in a floor mounted console that will include an arm rest and provision for mounting the spreader control to.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control pedestal is to be adjustable up and down and left to right and shall include a padded armrest.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Console is to have a minimum of six switches and four indicator lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control installation to include indicator lights for body up, low oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control console to be a Stormguard Freedom series.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>ELECTRONIC SPREADER CONTROLLER:</b>	
Knobs to be rotary encoders with push feature and no maximum or minimum limit position.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Touch screen shall be used for set up and calibration of the unit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
There shall be a USB port on the side of the unit for data download to a USB stick if option is selected	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The unit delivered shall be a Freedom 2.1 as manufactured by Certified Power	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Unit dimensions shall be approximately 7.8" long x 4" high x 3.8" deep	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A standard hoop style bracket shall be provided for ease of mounting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall utilize a color TFT LCD display with touch input capability.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall use an AMP 23 pin sealed connector for all spreader electrical connections	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall not weigh more than one pound	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller housing shall be powder coated aluminum	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Operating temperature range shall be -40 degrees Celsius to +70 degree Celsius with 6 AMP's total PWM current	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand vibration to SAE 1455 2G swept sinusoidal 10 – 2 GHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand vibration to SAE 1455 random 5 – 500 Hz, cab mounted profile without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand drop to tiled concrete from 36" to each face without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Control to have 3 PWM output channels. Feeder and spinner PWM capable of 4 AMPS each, liquid PWM capable of 6 AMPS. Total system PWM current limited to 10 AMPS at 50 degrees Celsius. (6 AMPS at maximum operating temperature.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 channel shall be ground speed oriented auger, 1 channel for spinner, and 1 channel for a liquid function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liquid function shall be configurable to control either a pre-wet or a single lane anti-ice function.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

The controller is to have a simple operator interface consisting of 3 buttons, two knobs and an interactive touch screen.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Programming of unit shall not require the use of any ancillary devices or computers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The USB port shall function as an upload port to allow field upgrade of software or capabilities of the system. This port also allows for the saving or restoration of calibration settings.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The front panel function text is to be backlit for night viewing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To prevent glare at night, there shall be a "night mode" for the touch screen.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The unit is to be supplied with 8MB of RAM and 4MB of flash memory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a field replaceable fuse to protect the system. This fuse is to be easily accessible.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The "help" information for trouble shooting and calibration shall be embedded in the on board software	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The system shall support a remote blast and remote pause feature.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall function in open loop and/or closed loop modes	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The PWM circuits shall be configurable for current regulation or voltage regulation to reduce hysteresis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be an input to sense a stall of the spreader	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A float input circuit shall be provided to turn off liquid system at a low level	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Storm totals shall be available on screen and via USB download or through an RS232 serial AVL data cable.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall meet handling electrostatic discharge of 8kV direct and 25kV air discharge per SAE J1113/13 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 860MHz, class 4 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 108MHz, class 3 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated immunity limits per SAE J1113/21 10 KHz – 2 GHz, 100V/m, 1kHz AM modulation, vertical and horizontal polarity without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand load dump limits per SAE J1113/11 pulse 5, for heavy duty vehicles without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand bulk current injection limits per SAE J1113/4 1 – 400 MHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand engine cranking pulse limits per SAE J1113/11 pulse 4 without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand conducted transient limits per SAE J1113/11 pulses 1a, 1b, 2a, 2b, 3a, and 3b without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous reverse supply voltage without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous supply voltage of 28 VDC without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall have an ARM 9 processor running at 150MHz.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall utilize NET OS running Certified Power spreader control software.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall be capable of communicating with AVL devices using Certified Power Freedomn Talk protocol.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The controller shall have internal audible alarm capability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Encoders shall provide audible feedback with rotation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The configuration menu options shall be disabled when ground speed is present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

	The controller shall require a password unlock to change configurations and calibrations to prevent operator intervention.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The controller shall not require continuous connection to the vehicle battery when not in use.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The controller shall provide NPN type output signals for the spreader PWM functions.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The unit shall have open loop liquid control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall have 4 configurable material types	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The storm totals shall be available on screen and be able to be downloaded to a USB thumb drive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	There shall be a float switch input for liquid tank empty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Error messages must be displayed on screen and set audible alarm	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The unit shall be voltage and current controlled for stability of output	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Inputs shall be available for remote pause and remote blast functionality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be a ground speed triggered auxillary output to operate a cross conveyor or other function	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit shall be and to interface with Freedom ATS data device	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	There shall be a switch input for conveyor stall	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The unit shall be able to detect a short in a sensor circuit or in a calve drive circuit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	There shall be 3 additional unused inputs for additional devices	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The unit shall be upgradable via a USB thumbdrive without the use of a specialized device.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The unit shall allow firmware updates via a USB thumbdrive without the use of a computer or specialized device.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The spreader controller shall be a Certified Power Freedom 2.1 or prior approved equal.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<b>HYDRAULIC PLUMBING:</b>	
	Hoses must be sized accordingly to provide optimum performance of all hydraulic equipment. JIC and ORB fittings are required.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Wherever possible stainless steel hydraulic tubing should be used. Rubber hose lengths should be kept to a minimum	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Stainless steel hydraulic tubing should be routed from behind the cab to the end of the frame rails at the rear and should be the following Three ½" stainless steel tubing for auger pressure, spinner pressure, and pre-wet pressure. One 1" combined return line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	These hydraulic tubes should be installed in isolator style tubing clamps which are mounted to a 4" x ¼" flatbar that is fastened to the dump body sub-frame. There shall be a tubing clamp no more than 6" from each end and every 24" in between.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hydraulic hoses shall be routed from the end of the stainless steel tubing to the dump body sub-frame on both sides just ahead of the dump body rear corner posts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hydraulic hoses on the outside of the sub-frame shall be routed along the under-side of the dump body floor and attached to quick disconnect brackets that are welded to the floor of the dump body just ahead of the rear corner posts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be two ½" quick disconnects for the spinner motor on the drivers side and four ½" quick disconnects, two for the auger motor and two for the pre-wet system on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	The hydraulic lines for the snowplow shall also utilize stainless steel hydraulic tubing. These lines shall be routed on the drivers side of the truck and should interfere with any maintenance that needs to be done to the chassis. Whip hoses should be ran from the end of these hoses and bulkheaded to the snowplow hitch push plate attached to frame rails.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snowplow circuit should have hydraulic quick disconnects for the reversing cylinders and the lift cylinder.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All hydraulic hoses installed outside the frame rails shall be wrapped in a kevlar hose protection material. This is to include all hoses routed to the plow, spreader, pre-wet system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>PRE-WETTING SYSTEM:</b>	
	Hydraulic drive motor shall be a 1.21 CIR geroler type utilizing a flexible lovejoy coupling that drives the liquid pump..	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid pump shall be a 8.5 GPM @ 1750 RPM gear type of corrosion resistant materials with carbon graphite bearings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 20 mesh suction strainer shall be installed prior to the brass liquid pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid output shall be controlled by the Hydraulic Control System.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An in-line turbine style liquid flowmeter with fair accuracy up to 15 GPM shall provide liquid flow information to the Hydraulic Control System for precise gal/ton metering.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The truck will also be equipped with <u>dual</u> 120 gallon behind the cab pre-wetting reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Each tank is to include a top fill cap that is tethered to the tank and a clean out sump in the bottom of the tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The tanks will be installed in a stainless steel frame that is mounted to the chassis frame rails. The tanks are to be secured to the frame by two 2" nylon straps per tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tanks shall be plumbed together utilizing a minimum of three inch nylon braided hoses or corrugated plastic hoses. All fittings used are to be as large as possible to accomplish an equalized fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Both tanks are to have overflow tubes installed in the top and run down to a point below the floor level of the body. These tubes are to be securely fastened to the mounting frame of each respective tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pre-wetting system is to be supplied with a 2" cam lock style quick fill located in a convenient location for the operator. Location will be determined at the pre-build conference.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A system flush kit is to be provided and installed on the truck. This system is to consist of a separate poly reservoir that is a minimum of two gallon capacity that is plumbed into the main reservoir supply line with a poly tee.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	When delivered the truck must have a minimum pre-wetting capacity of 240 gallons.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A full length x ½ inch diameter stainless steel pipe shall be mounted inside the spreader hopper with at least two stainless steel u-bolts. The pipe should have a series of holes in it to discharge pre-wet material into the hopper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MISC. DUMP BODY EQUIPMENT:</b>	
	A set of rubber mudflaps are to be provided and installed rearward of the rear tires. These mudflaps are to be at least ½" thick and are to be installed on a hinged stainless steel bracket that is removable without the use of any tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A set of plastic mudguards are to be provided and installed forward of the rear wheels and high enough to form a seal with the under side of the body floor.. The mudguards be installed on a bolt-on stainless steel removeable bracket that is attached to the chassis frame rail. These mudguards should have anti-sail brackets installed around them.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A stainless steel spring loaded shovel holder is to be supplied and installed on a stainless steel plate that is welded to the body. This plate should be welded to the body prior to that painting process. The location to be determined during the pre-paint meeting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 3/4 inch thick pintle plate is to be welded to rear of the chassis frame rails. Two (2) 1" "D" rings should be welded to the plate and A 45 TON pintle hook should be provided. The chassis manufacturer trailer plug and glad hands (if provided) are also to be mounted to this plate. "Keyhole" style trailer chain keepers are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A pollack 9 pin trailer plug part number 12-907P shall be installed in the pintle plate. Wiring diagram shall be provided by the village prior to installation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MANUALS:</b>	
	Parts and service manuals for all items shall be provided in a bound book upon delivery of the completed vehicle. Two complete lists of part numbers of item used in building the truck will be included	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>TRAINING:</b>	
	Equipment installer to provide training on all operations and calibration of all equipment upn delivery of completed vehicle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>WARRANTY:</b>	
	One full winter season parts and labor on all equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Dump body, snowplow, spreader, and pre-wet system to carry a one year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Dump Body hoist to carry a three year parts and labor warranty	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Whelen lighting to carry a five year replacement warranty	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	No charge pick up and delivery of truck for warranty will be provided by the bidder durning the warranty period	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>INSTALLATION OF AFTERMARKET EQUIPMENT:</b>	
	The dump body, snowplow and snowplow hitch must be provided from and installed by an authorized primary distributor of the original equipment manufacturer. No Exceptions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	For warranty considerations and future availability of parts and service, the body company must be an authorized primary distributor for all major components they propose to furnish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All equipment must be installed by a single body company, by their employees and at their regular location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Completed vehicle must be certified by the body company as meeting all federal motor vehicle safety standard in effect at time of chassis production.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Approved NHTSA/FMVSS certification label must be furnished and located inside cab on driver's side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Completed unit to comply with current OSHA regulations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Body company must be registered with National Highway Traffic Safety Administration as a final stage manufacturer of motor vehicles as required by Federal Law.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Body company to be registered and in good standing with National Truck Equipment Association (NTEA) and be the authorized distributor for all equipment bid with products having an MVP status.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**ATTACHMENT#4**

**Northwest Trucks, Inc. with Lindco Equipment Sales, Inc. bid**



# VILLAGE OF WINNETKA

*Incorporated in 1869*

## PROPOSAL FORM BID #014-013 SINGLE AXLE DUMP TRUCK

BID OPENING DATE: APRIL 8, 2014

TIME: 11:00 A.M.

Bidders **MUST** include a signed and notarized copy of the enclosed compliance affidavit with the returned bid form. The undersigned bidder hereby proposes to furnish and deliver as per terms, conditions and specifications of the attached bid document, one (1) ~~25-Yard Rear Loading Hydraulically Actuated Refuse Body~~ at the unit price listed below:

If addenda have been received, acknowledge receipt by listing addenda numbers: \_\_\_\_\_

**Please mark the outside of bid envelope: BID #014-013.**

**NOTE: PRICE MUST INCLUDE DELIVERY.**

UNIT PRICE AS PER SPECIFICATIONS:

\$ 158,537<sup>00</sup>

MAKE: FREIGHTLINER W/LINDCO Body

MODEL: 108 SD

DELIVERY: 180 Days TERMS: 15 DAYS

510 Green Bay Road, Winnetka, Illinois 60093  
Administration and Finance (847) 501-6000 Fire (847) 501-6029 Police (847) 501-6034  
Public Works (847) 716-3568 Water and Electric (847) 716-3558 [www.villageofwinnetka.org](http://www.villageofwinnetka.org)

**PROPOSAL FORM (CON'T)**

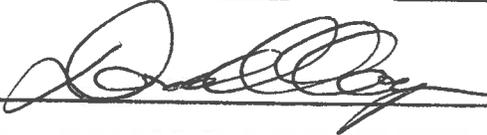
COMPANY NAME: NORTH WEST TRUCKS, INC.

COMPANY ADDRESS: 2120 RAND ROAD

PALATINE, IL 60074

NAME (PRINT): Don Cooper PHONE: 847-991-0900

TITLE: TRUCK SALES DATE: 4-7-2014

AUTHORIZED SIGNATURE: 

## **COMPLIANCE AFFIDAVIT**

As a condition of entering into a contract with the Village of Winnetka, and under oath and penalty of perjury and possible termination of contract rights and debarment, the undersigned deposes and states that he has the authority to make any certifications required by this Affidavit on behalf of the bidder, and that all information contained in this Affidavit is true and correct in both substance and fact.

### **Section 1: BID RIGGING AND ROTATING**

1. This bid is not made in the interest of, or on behalf of an undisclosed person, partnership, company, association, organization or corporation;
2. The bidder has not in any manner directly or indirectly sought by communication, consultation or agreement with anyone to fix the bid price of any bidder, or to fix any overhead profit or cost element of their bid price or that of any other bidder, or to secure any advantage against the Village of Winnetka or anyone interested in the proper contract;
3. This bid is genuine and not collusive or sham;
4. The prices, breakdowns of prices and all the contents quoted in this bid have not knowingly been disclosed by the bidder directly or indirectly to any other bidder or any competitor prior to the bid opening;
5. All statements contained in this bid are true;
6. No attempt has been or will be made by the bidder to induce any other person or firm to submit a false or sham bid;
7. No attempt has been or will be made by the bidder to induce any other person or firm to submit or not submit a bid for the purpose of restricting competition;
8. The undersigned on behalf of the entity making this proposal or bid certifies the bidder is not barred from entering into this contract as a result of violations of either Section 33E-3 or Section 33E-4 of the Illinois Criminal Code.

### **Section 2: TAX COMPLIANCE**

1. The undersigned on behalf of the entity making this proposal or bid certifies that neither the undersigned nor the entity is barred from contracting with the Village of Winnetka because of any delinquency in the payment of any tax administered by the State of Illinois, Department of Revenue, unless the undersigned or the entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability of the tax or the amount of tax;

2. The undersigned or the entity making this proposal or bid understands that making a false statement regarding delinquency of taxes is a Class A Misdemeanor and in addition voids the contract and allows the municipality to recover all amounts paid to the entity under the contract in civil action.

### Section 3: EQUAL EMPLOYMENT OPPORTUNITY

This EQUAL OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act, 775 ILCS 5/101 et seq.

In the event of the contractor's non-compliance with any provision of the Equal Employment Opportunity Clause, the Illinois Human Rights Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights, the contractor may be declared non-responsive and therefore ineligible for future contractor subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulations.

During the performance of this contract, the contractor agrees:

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or woman are underutilized and will take appropriate action to rectify any such underutilization;
2. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contract's) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized;
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.
4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other such agreement or understanding, a notice advising such labor organization or representative of the contractor's obligation under the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contract. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so

notify the Department and contracting agency will recruit employees from other sources when to fulfill its obligation thereunder.

5. That it will submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contracts.
6. That it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Departments Rules and Regulations for Public Contracts.
7. That it will include verbatim or by reference the provisions of this Equal Opportunity Clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

#### Section 4: ILLINOIS DRUG FREE WORK PLACE ACT

The undersigned will publish a statement:

1. Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or a use of a controlled substance is prohibited in the work place;
2. Specifying the actions that will be taken against employees for violating this provision;
3. Notifying the employees that, as a condition of their employment to do work under the contract with the Village of Winnetka, the employee will:
  - A. Abide by the terms of the statement;
  - B. Notify the undersigned of any criminal drug statute conviction for a violation occurring in the work place not later than five (5) days after such a conviction.
4. Establishing a drug free awareness program to inform employees about:
  - A. The dangers of drug abuse in the work place;

- B. The policy of maintaining a drug-free work place;
  - C. Any available drug counseling, rehabilitation or employee assistance programs;
  - D. The penalties that may be imposed upon an employee for drug violations.
5. The undersigned shall provide a copy of the required statement to each employee engaged in the performance of the contract with the Village of Winnetka, and shall post the statement in a prominent place in the work place.
  6. The undersigned will notify the Village of Winnetka within ten (10) days of receiving notice of an employee's conviction.
  7. Make a good faith effort to maintain a drug free work place through the implementation of these policies.
  8. The undersigned further affirms that within thirty (30) days after receiving notice of a conviction of a violation of the criminal drug statute occurring in the work place he shall:
    - A. Take appropriate action against such employee up to and including termination; or
    - B. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

**Section 5: SEXUAL HARRASSMENT POLICY**

The undersigned on behalf of the entity making this proposal or bid certifies that a written sexual harassment policy is in place pursuant to Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A).

This Act has been amended to provide that every party to a public contract must have written sexual harassment policies that include, at a minimum, the following information:

1. The illegality of sexual harassment;
2. The definition of sexual harassment under State law;
3. A description of sexual harassment, utilizing examples;
4. The vendor's internal complaint process, including penalties;

5. The legal recourse, investigative and complaint process available through the Department of Human Rights, and the Human Rights Commission;

6. Directions on how to contact the Department and Commission;

7. Protection against retaliation as provided by 6-101 of the Act.

**Section 6: VENDOR INFORMATION**

1. Is the bidder a publicly traded company? (yes or no)       No        
If the answer is yes, state the number of outstanding shares in each class of stock.  
Provide the name of the market or exchange on which the company's stock is traded.

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2. Is the bidder 50% or more owned by a publicly traded company? (yes or no)       No        
If the answer to the above question is yes, name the publicly traded company or companies owning 50% or more of your stock, state the number of outstanding shares in each class of stock and provide the name of the market or exchange on which the stock of such company or companies is traded.

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IT IS EXPRESSLY UNDERSTOOD THAT THE FOREGOING STATEMENTS AND REPRESENTATIONS AND PROMISES ARE MADE AS A CONDITION TO THE RIGHT OF THE BIDDER TO RECEIVE PAYMENT UNDER ANY AWARD MADE UNDER THE TERMS AND PROVISIONS OF THIS BID.

SIGNATURE: 

NAME: Don COOPER TITLE: TRUCK SALES  
(print or type)

Subscribed and sworn to me this 7<sup>th</sup> day of APRIL,

20 14, A.D.

By:   
(Notary Public) Official Seal  
William Conroy  
Notary Public State of Illinois  
My Commission Expires 08/15/2017

-Seal-

**BID No. 014-013  
SPECIFICATIONS FOR A SINGLE AXLE DUMP TRUCK**

**GENERAL:**

The Village of Winnetka is seeking competitive bids for one (1) Single axle dump truck. This specification shall describe a Single Axle Dump Snowplow/Salt Truck and Related Equipment. Bidders must submit with their bid complete specifications on the unit they propose to furnish.

<b>MINIMUM CHASSIS REQUIREMENTS</b>	<b>COMPLIANCE</b>
<b>VEHICLE CONFIGURATION</b>	
Most Current Model Year – Please state year <i>2015</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Set Back Axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>GENERAL SERVICE</b>	
Expected front axle load of 18,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected rear axle load of 23,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Expected gross vehicle weight capacity of 41,000 pounds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE</b>	
Minimum horsepower rating of 300 HP @ 2600 RPM, 2600 GOV, 660 lb/ft@1600 RPM	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>ENGINE EQUIPMENT</b>	
2013 EPA/CARB emission certification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean Idle Certified sticker on left side of hood	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine mounted oil check and fill	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Side of hood air intake with firewall mounted Donaldson air cleaner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12V 200 AMP 28-SI quadramount pad alternator with remote battery voltage sense.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) Alliance model 1231, group 31, 12 volt maintenance free 2250 CCA threaded stud batteries.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Battery box to be frame mounted on the left side at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18.7 CFM air compressor with internal safety valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic engine integral shutdown protection system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Right hand outboard under step mounted horizontal after-treatment device with right hand horizontal tailpipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine after-treatment device, automatic over the road regeneration and dash mounted regeneration request switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13 gallon diesel exhaust fluid tank with 100% diesel exhaust fluid fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Borg Warner (Kysor) rear on/off engine fan clutch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spin on style fuel filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Full flow oil filter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1200 square inch aluminum radiator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Antifreeze rated to -34F, NOAT extended life.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gates blue stripe coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Constant tension hose clamps for coolant hoses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric grid air intake warmer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Delco 12V, 38MT HD starter with integrated magnetic switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION</b>	
Allison 3500RDS automatic transmission with PTO provision.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRANSMISSION EQUIPMENT</b>	
WTEC calibration – 6 speed RDS package with Allison Optimized. (Package 223)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vehicle interface wiring with Body Builder connector at back of cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Electronic transmission customer access connector firewall mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push button, electronic shift control to be dash mounted	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission Prognostics enabled	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water to oil transmission cooler	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission oil check and fill with electronic oil level check	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission to be supplied with synthetic transmission fluid and be TES-295 compliant.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT AXLE AND EQUIPMENT</b>	
20,000 pound front axle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 6 Q+ cast spider cam front brakes, Double anchor fabricated shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos front brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron front brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vented front hub caps with window – oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard spindle nuts for all axles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic front slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TRW TAS-85 power steering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Power steering pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 quart see through power steering reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 front axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FRONT SUSPENSION</b>	
18,000 pound tapered leaf front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Graphite bronze bushings with seals for front suspension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front shock absorbers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR AXLE AND EQUIPMENT</b>	
23,000 pound single rear axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.14 rear axle ratio.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Iron rear axle carrier with standard axle housing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17T main extended lube driveline with half round yokes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.5 x 7 P cam rear brakes, double anchor, cast shoes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Brake cams and chambers on forward side of drive axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-asbestos rear brake lining.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Conmet cast iron rear brake drums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rear oil seals.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex Goldseal longstroke 1 drive axle spring parking chambers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Haldex automatic rear slack adjusters.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Synthetic 75W-90 rear axle lube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>REAR SUSPENSION</b>	
23,000 pound flat leaf rear suspension with helper and radius rod.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard U-bolt pad.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fore and aft control rods.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>BRAKE SYSTEM</b>	
Air brake package	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wabco 4S/4M ABS without traction control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced nylon, fabric braid and wire braid chassis air lines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BW AD-IS (DRM) air dryer with integrated air governor and heater.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air dryer reservoir mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steel air brake reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Petcock drain valves on all air reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELBASE AND FRAME</b>	
162 inch wheelbase, 96 inch cab-to-axle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

11/32"x 3-1/2"x 10-5/16" steel frame, 120 KSI	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" C-channel inner frame reinforcement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
24" integral front frame extension.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Primary connector/receptacle wired for separate Stop/Turn with center pin power through ignition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CHASSIS EQUIPMENT</b>	
14" painted steel bumper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Front tow hooks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fender and front of hood mounted front mudflaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Huckspin round collar chassis frame fasteners.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>FUEL TANKS</b>	
90 gallon aluminum fuel tank, left hand mounted, 23" diameter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank forward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fuel tank cap.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Alliance fuel filter/water seperator with heated bowl and primer pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Equiplo inboard fuel system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High temperature reinforced nylon fuel line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TIRES</b>	
Michelin XZU-S2 315/80R22.5 20 ply radial front tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Michelin XZU M/S 11R22.5 14 ply radial rear tires.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HUBS</b>	
Comnet pre-set bearing iron front and rear hubs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WHEELS</b>	
22.5x9.00 10 hub pilot 5 hand steel disc front wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.5x8.25 10 hub pilot 2 hand steel disc rear wheels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB EXTERIOR</b>	
108" BBC flat roof conventional aluminum cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Air cab mounts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Non-removable bug screen mounted behind the grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bolt-on molded flexible fender extensions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and Right hand grab handles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stantionary black grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black hood mounted air intake grille.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hood liner, added firewall and floor heat insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual 14 inch round polished air horn with horn shield.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual electric horns.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door locks and ignition switch keyed the same with four keys. Key code to be FT2525.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Halogen composite headlights with black bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LED aerodynamic marker lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral stop/tail and back up lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dual West Coast bright finish heated mirrors with left hand and right hand remote.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Door mounted mirrors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand bright finish convex mirrors mounted under primary mirror.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
63" x 14" tinted rear window.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tinted door glass left hand and right hand with tinted operating wing windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Right hand and Left hand electric powered windows.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1 piece tinted curved bonded windshield with heated wiper blade park areas.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8 liter windshield washer reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CAB INTERIOR</b>	
Opal gray vinyl interior.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand molded door panels with aluminum kick plate on lower door.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black mats with single insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted ash tray and lighter.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Forward roof mounted console with upper storage compartments without netting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) cupholders left hand and right hand dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gray/Charcoal flat dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5lb fire extinguisher.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Heater, defroster, and air conditioning.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard HVAC ducting with snow shield for fresh air intake.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Main HVAC controls with recirculation switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Standard heater plumbing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Denso heavy duty air conditioner compressor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Premium insulation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Solid state circuit protection and fuses.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dome light with 3-way switch activated by left and right doors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand electric door locks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) 12 volt power supply in dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Triangular reflectors without flares.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
High back air suspension drivers seat and passenger seat with mechanical lumbar support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Left hand and right hand integral door panel armrests.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black Cordura Plus cloth drivers and passengers seat covers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 point high visibility orange retractor driver and passenger seat belts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Adjustable tilt and telescoping steering column.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4 spoke 18" steering wheel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Driver and passenger interior sun visor.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>INSTRUMENTS AND CONTROLS</b>	
Gray driver and center instrument panels	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black gauge bezels.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Low air pressure light and buzzer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch primary and secondary air pressure gauges.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dash mounted air restriction indicator with graduations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Preco 1040 87 Dbl automatic self adjusting back up alarm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic cruise control with switches in LH switch panel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Key operated ignition switch and integral start position, four position off/run/start/accessory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Odometer/trip/hour/diagnostic/voltage display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Diagnostic interface connector, 9 pin, SAE J1939, located below the dash.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch electric fuel gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programmable RPM control – electronic engine.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electrical engine coolant temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2 inch transmission oil temperature gauge.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine and trip hour meters integral within driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electric engine oil pressure gauge	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

AM/FM/WB radio dash mounted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) radio speakers in the cab.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
AM/FM antenna mounted on forward LH roof.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic MPH speedometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Electronic 3000 RPM tachometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Digital voltage display integral with driver display.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Single electric windshield wiper motor with delay and Arctic type blades.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Marker light switch integral with headlight switch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One (1) valve parking brake system with warning indicator.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Integral electronic turn signal flasher with hazard lamps over riding stop lamps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>COLOR</b>	
Cab to be painted one solid color.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab color is to be N0876EA Holly Green Elite SS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Black, high solids polyurethane chassis paint.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Vendor white front and rear wheels/rims.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MISC. EQUIPMENT</b>	
Truck dealer is to be within 60 miles of the Village of Winnetka.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Truck dealer to have parts delivery available during normal business hours Monday through Friday.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Engine warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Transmission warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Extended towing is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Base vehicle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab corrosion/perforation warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Frame rails and cross members warranty is 5 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steer and Drive axle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A complete set of parts and service CD's are to be provided.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bidders must include a written Warranties in bid packet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	<b>COMPLIANCE</b>
Inside length of 10 feet	<input type="checkbox"/> Yes <input type="checkbox"/> No
Inside width to be 84"	<input type="checkbox"/> Yes <input type="checkbox"/> No
Side height of 30 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Tailgate height of 38 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Headsheet height of 48 inches.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>SIDES &amp; HEADSHEET</b>	
One-piece sides & headsheet to be 10 gauge 201 stainless steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.	<input type="checkbox"/> Yes <input type="checkbox"/> No

AM/FM/WB radio dash mounted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Two (2) radio speakers in the cab.	<input type="checkbox"/> Yes <input type="checkbox"/> No
AM/FM antenna mounted on forward LH roof.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Electronic MPH speedometer.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Electronic 3000 RPM tachometer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Digital voltage display integral with driver display.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Single electric windshield wiper motor with delay and Arctic type blades.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Marker light switch integral with headlight switch.	<input type="checkbox"/> Yes <input type="checkbox"/> No
One (1) valve parking brake system with warning indicator.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Self cancelling turn signal switch with dimmer, washer/wiper, and hazard in the handle.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Integral electronic turn signal flasher with hazard lamps over riding stop lamps.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>COLOR</b>	
Cab to be painted one solid color.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Cab color is to be N0876EA Holly Green Elite SS	<input type="checkbox"/> Yes <input type="checkbox"/> No
Black, high solids polyurethane chassis paint.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vendor white front and rear wheels/pins.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>MISC. EQUIPMENT</b>	
Truck dealer is to be within 60 miles of the Village of Winnetka.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Truck dealer to have parts delivery available during normal business hours Monday through Friday.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Engine warranty is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Transmission warranty is 5 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Extended towing is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Base vehicle warranty is 2 years/unlimited miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cab corrosion/perforation warranty is 5 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Frame rails and cross members warranty is 5 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Steer and Drive axle warranty is 2 years/unlimited miles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A complete set of parts and service CD's are to be provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Bidders must include a written Warranties in bid packet.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>MINIMUM BODY AND EQUIPMENT REQUIREMENTS</b>	<b>COMPLIANCE</b>
Inside length of 10 feet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Inside width to be 84"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Side height of 30 inches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tailgate height of 38 inches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Headsheet height of 48 inches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SIDES &amp; HEADSHEET</b>	
One-piece sides & headsheet to be 10 gauge 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a 10 ga. 201 stainless steel boxed top rail. The inside portion of the body sides shall be continuously smooth from the top rail to the floor without any protrusions or indentations from formed in side bracing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Each side will have a 2" board pocket. The rear board pocket will be 8" high and the front board pocket will be 21" high.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Installed in each board pocket will be a removable 10 gauge 201 stainless steel sloped side side boards. These side boards shall have a boxed top rail to match that of the top rail on the dump body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 10 ga. 201 stainless steel 5-3/4" x 12" full depth rear corner posts are tied to an 8" structural channel rear apron. This joint is further reinforced with a 1/4" plate which helps prevent flexing in this critical area and strengthens latch assembly.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	Each rear corner post shall have three light holes to accept a 6" oval light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	To prevent as much road spray as possible from entering the rear body corner posts, 201 stainless steel removable covers shall be installed on the bottom of each. This cover shall be removable by removing two cotter pins.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 10 ga. 201 stainless steel vertical headsheet with a formed-in doghouse extends a maximum of 12" into the body. The doghouse is to be straight from top to bottom, not tapered.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	The vertical headsheet shall have chain hook points in each top corner to pick up the body in case of cylinder or hydraulic system failures.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	A one piece side with a formed in rubrail. Floor to side seam on underside of body continuously welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 1-1/2" wide grip strut walk rail shall be installed along each side of the dump body and shall run from the front corner to near the rear corner post, leaving room to allow for the coupling of the spreader quick disconnects.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A three step pull out style ladder will be installed on the driver's side front corner of the body. This ladder is 17-1/2" wide and will have the ability to be stowed into a travel position. This ladder is to be installed prior to application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A grab handle is to be installed within easy reach of the operator while on the ladder. This grab handle is to be installed prior to the application of any primer or paint to the body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 12" 201 stainless steel asphalt pan shall be provided. This pan shall be pinned on the rear corner posts utilizing the under-tailgate spreader mounting brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>FLOOR</b>	
	One-piece 1/4" AR400 floor. Two piece floors and welded floor to side radius construction is not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	4" floor to side radius. Spliced in sections are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The floor is to be a Western style cross-memberless floor. Cross members are not allowed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	One-piece 5" x #10.0 I-beam long sills OR 1/4" formed trapazoidal long sills will be acceptable. Please state which will be provided below: <i>Trapezoidal</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Maximum mounting height of <sup>8"</sup> from top of frame rails to bottom of body floor. <sub>12"</sub>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>TAILGATE</b>	
	One piece 10 ga 201 stainless steel tailgate sheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Full perimeter boxing with all horizontal edges sloped outward.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Shall have one 10 ga. 201 stainless steel sloped horizontal brace that is flush with the perimeter boxing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Flush mount, 1/2" flame cut pivots	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Heavy duty offset hinge plates, 1" flame cut	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	3/4" latch hooks with 3/8" latch plates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1-1/4" Hot Rolled upper and lower pins	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Double acting air cylinder style air tailgate release mechanism with electric switch installed in cab as part of the chassis electrical package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The upper tailgate pins will have provisions to be permanently attached to the body by a chain long enough to allow the pin to be installed and removed easily. There shall be a pin storage bracket installed in a convenient location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There is to be no tailgate linkage at the front of the body. No Exceptions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A 12" 7 gauge grade 50 asphalt tray shall be provided. This shall utilize the spreader quick detach brackets and pins for installation. The asphalt tray should be painted black.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HOIST</b>	
Single cylinder, front trunnion mount; must be of a bore-seal design. Inverted cylinder is not acceptable <i>Twin arm underbody</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
N.T.E.A. class 50	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3 stage cylinder, 90" stroke, with a 4.5" minimum first stage diameter	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Wear and corrosion resistant Nitrited cylinder tubes	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Minimum 2 year cylinder warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Connecting pivots to have replaceable greaseless composite bushings	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Oscillating cylinder collar	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cylinder to be a Mailhot Industries CS series full double acting cylinder. Under-Body scissor hoist systems are not acceptable.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>SUBFRAME &amp; REAR HINGE ASSEMBLY</b>	
4" structural channel subframe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6" x 4" x 3/8" structural angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
303 stainless steel 1-1/2" 1045 C.R. hinge pins connecting to 2-1/2" hinge blocks using replaceable <u>greaseless</u> composite bushings for a minimal pin-to-bushing clearance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>GREASABLE</i>
<b>ELECTRICAL AND LIGHTING PACKAGE</b>	
Rubber mounted, shock resistant stop/turn/tail/back up lights in each rear corner post. Lights are to be Maxxima part number M85615R 6" oval LED.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rubber mounted, shock resistant I.C.C. 3-light cluster, for mounting in a fabricated light bar to be installed in the rear body hinge. All lights are to be Grote part number 47122 2-1/2" round LED with rubber grommets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Four red rear, two side mounted red rear reflectors, and two side mounted amber front reflectors.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two rubber mounted, shock resistant amber flashing warning light in each rear corner post. Lights are to be Whelen 5G Super-LED series, part number 5GA00FAR with rubber grommets or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two surface mounted stop/tail/turn lights shall be mounted on the rear pintle plate. Lights are to be Whelen 600 series, part number 60R00XRR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One surface mounted back up light shall be mounted on the rear pintle plate. Light is to be Whelen 400 series, part number 40C00VCR or equal with a minimum warranty of five years.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One 72" Whelen Justice lightbar is to be installed on the roof of the cab. This bar is to have two LED amber lighthoods on each end and two facing forward. The lightbar shall also have two LED white working lights in the center.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lightbar is to be installed on Whelen 8" aluminum riser brackets.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The wiring harness for the lightbar is to be wired through the roof of the chassis directly below the lightbar utilizing a compression fitting. After installation the compression fitting is to have silicone applied to the outside to eliminate leaks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Snow plow lights shall be installed on the hood of the chassis. The light should be Hella brand Model CS220 series lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow light brackets must be 304 stainless steel that is laser cut and formed from a single sheet of 7 gauge. The light bracket is to be installed using rubber grommets through the fiberglass hood.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	A Hella LED spreader light is to be installed on the street side rear of the spreader.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The spreader light should be wired into the sealed wiring spreader harness that is connected to the 9 pin trailer plug	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 97 Dbl., 12 volt back up alarm is to be installed at the rear of the frame	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A body up switch is to be installed with a warning indicator intergrated into the electronic spreader controller described within these specifications.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A Truck-Lite Model 15, Part number 15205 LED lincense plate light and bracket part number 42722 is to be installed at the rear of the frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An electric over air solenoid is to be installed to operate the air tailgate. This solenoid is to be installed within easy reach of the operator while they are outside the cab of the truck and should have a manual over ride in case of failure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>CABSHIELD AND TARP SYSTEM</b>	
	A 10 ga 201 stainless steel cabshield shall be included. The cabshield must be a minumum of 90" x 22", and should be solid welded to the vertical headsheet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The cabshield is to have an integral tarp housing built into it large enough to store a manually retractable asphalt rated tarping system with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A spring loaded manual tarp system is to be provided and installed in the above tarp housing. This tarp should be hot asphalt rated with side flaps.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tarp rope storage hooks are to be installed on the dump body front drivers side corner and on the tailgate at the rear of the body. Tarp hooks on the isde of the dump body are to be installed per the manufacturer's instructions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Two Whelen LED stripe lights are to be installed on each side of the cabshield facing the rear. There is to be one red LED stop/tail/turn light and one amber LED warning light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	These lights are to be installed one above the other in a stainless steel tapered bracket that is bolted to the cabshield side support.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>PAINT PREPARATION</b>	
	All surfaces are high pressure cleaned & phosphated The under side of the floor and long sills shall be primed with an two-part urethane primer. A finish coat of POR-15 shall be applied over the primer.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>SNOWPLOW HITCH:</b>	
	Any Snowplow hitch provided must be compatible with existing snowplows in the Village fleet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame height of 33 5/8"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame width 26" for 30 1/2" centers.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snow plow coupling device must be of the quick attach and release design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The receiver opening must be tapered and allow up to a 5" horizontal misalignment when connecting plow to truck.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Receiver boxes shall be fabricated from 1/2" plate and welded to 4" x 4" x 1/2" vertical structural angles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hitch frame members are 1/2" x 4" x 4" structural angle. This hitch is low profile for access to the truck's engine compartment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The lift arm and lift frame shall be designed to accept either a 3" or 4" lift cylinder with nitride cylinder tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Cylinders pins are to be 1" cold rolled steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A 4" x 10" <b>double acting</b> lift cylinder with a nitrated cylinder tube is to be supplied. The top port of the cylinder shall be plumbed with a 1/2" male quick disconnect and the bottom port of the cylinder shall be plumbed with a 1/2" female quick disconnect for removing the cylinder without the use of tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Self-storing lift arm, accomplished by pulling one 1" pin and folding the cylinder up, allows you to re-pin to store.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The telescopic lift arm shall be manufactured of 4" x 4" x 3/8" square outer tubing and 3" x 3" x 3/8" square inner tubing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The lifting plate shall be 3/8" x 4" flat material and have two banjo-type chain eyes able to accept 1/2" chain as well as the weight of the plow.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The plow hitch is to be welded to a 5/8" thick push plate and 1/2" cheek plates, which are bolted to the front frame rails and extend back to approximately the centerline of the front axle. Spacer bushings installed between the frame rails and cheek plates are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" x 2" x 1/2" angle that is a minimum of 6" long should be installed on the inside of the cheek plate and below the frame rail on each side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The OEM front bumper shall be shall be modified and re-installed on the front of the truck. 1/4" x 1-1/2" stainless steel bumper braces should be installed between the back of the bumper and the frame rail on each side of the snowplow hitch.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A pressure release valve is to be plumbed into the hydraulic lines of the plow reversing circuit and installed near the front hitch. This valve is to have a 1/4" hydraulic line that is plumbed back to the hydraulic reservoir.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SNOWPLOW</b>	
Height of moldboard is 42"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Length of moldboard is 11 feet.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cutting path at 35° for an 11' plow is 108".	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3/8" thick poly moldboard with eight (8) 1/2" x 3 1/2" ribs for extra strength and rigidity.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to be an inverted "J" style	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Moldboard is to have a mailbox cut on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All welds must be continuous (skip welds not acceptable)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reinforced 4" x 4" x 3/4" bottom angle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3-1/2" x 2-1/2" x 3/8" top angle with holes to allow moisture to escape.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two horizontal braces for added rigidity <i>ONE BRACE</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Attack angle is adjustable to 5°, 10°, and 20°	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A Winter Equipment Co. Carbide Blade Kit Part#SYS-RZ11FC is to be installed prior to delivery. <b>NO EXCEPTIONS.</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece cutting edge torsional trip with five (5) 1/4" square torsional springs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring pressure easily adjustable to 60% of maximum setting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Torsional spring assembly must be designed to allow zero insertion force and disassembly with common hand tools and adjusting wrench (adjusting wrench supplied from factory)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame width is 119"	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Push frame 4" x 4" x 3/8" structural tube.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Six (6) moldboard-to-push frame pivot points with 1-1/4" bushings pin to two 5/8" mounting ears. <i>4 POINTS, NO BUSHINGS</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Moldboard attack angle brace connection plates are encased and continuous welded to the push frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Two (2) 3.5" x 3" x 16" nitrated hydraulic cylinders are single-acting for heavy duty power reversing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Circle-frameless outboard reversing cylinder design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be cleaned to remove slag, splatter, oxide, and oil residue.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 12' rubber snowdeflector shall be mounted to the top angle of the moldboard.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Two 36" plastic sight markers will be provided, one on each end.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A set of Sno-Wheels rubber covered wheels will be installed on the plow when delivered. Snow Wheel Systems Part#6509 <b>NO EXCEPTIONS</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The snowplow pushframe shall have a universal quick hitch style quick attach bolted to it with a 1-1/4" bolt. Must match Winnetka's existing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>SALT SPREADER:</b>	
Height (with spinner) is 33.75 or 36.00 inches (2 adjustable positions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Height (without spinner) is 20.5 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (with spinner) is 19.25 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Width (without spinner) is 18 inches	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unit weight is approximately 550 lbs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7 gauge 201 stainless steel trough and rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1/4" 201 stainless steel end plates with all interior seams welded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
One piece 201 stainless steel combination cover and upper rear panel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The trough cover shall have a 201 stainless steel hinge rod and handle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front half of the trough shall hinge to provide access to auger and clean out functions. There shall be (6) pivot joints along the lower trough hinge line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The handles for positioning and locking the bottom trough shall be constructed of 201 stainless steel with rubber grips. Handles located on 52" centers. Handles are a rotating wedge style and locked in place with a 2 -3/4" x 5/16" drop lock clevis pin. When locked in place handles have 2- 1/2" of positive locking engagement on door lip.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Clean out door in bottom of trough opens in combination with top cover to provide access from top and bottom for complete clean out.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 1/4" 201 stainless steel access plate bolted to the trough end plate shall provide the drive motor mount and side access to the auger for ease of replacement or service of the auger	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The end plates are to be a minimum of 25" tall at the front and 15" tall at the rear to eliminate the need for any internal spill shields. Each endplate shall have two sets of quick detach hardware.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All attachment hardware (bolts, nuts) shall be 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader does not interfere with normal operation of dump body.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6" diameter bi-directional flight auger with 3/8" flighting. 4" Auger pitch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Flighting welded to a 2.5" O.D. schedule 40 pipe.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger supported by 1-1/4" diameter shaft running in grease able anti-friction ball bearings-flange mounted on the outside trough ends.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The auger drive motor shaft and idler bearing shaft shall each have a polyurethane insert in the attachment to auger pipe to prevent seizing due to corrosion.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hopper discharge opening has a 201 stainless steel anti-flow shield preventing free flow of granular material from the trough when the auger is stopped.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Auger is driven by a high torque, low speed, 18.7 C.I.R. hydraulic motor with an integral speed sensor. The sensor is to have an M12 connector.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Motor is directly coupled to the auger.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has two sets of 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18" diameter polyurethane spinner disk	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Directly driven by a high torque, low speed (550 RPM max.) 2.8 C.I.R.Char-lynn hydraulic motor (Char-lynn part #101-1313).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner motor mounted underneath the spinner on the left center of the trough.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spinner assembly shall be self-leveling and kept parallel to road surface at all dump angles without requiring a stabilizer bar attached to the truck frame.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
201 stainless steel stationary shield mounted in front of the spinner to protect the truck under carriage from thrown material.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner-mounting bracket, pivoting rod and mounting hardware shall be 201 stainless steel.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner shall be adjustable from left to right and easily removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spinner assembly shall have two positions of height adjustment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To ease with maintenance and accessibility, the spinner assembly shall mount to the trough frame. The spinner will be independent of the clean out door thus reducing the weight of the lower clean out door. Spinner assemblies which are mounted to the clean out door will be unacceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The mounting brackets for the dump body and spreader trough shall be constructed of 201 stainless steel	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spreader has 201 stainless steel quick disconnect mounting pins shall be removable without tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All metal surfaces are to be high-pressure cleaned with a phosphate solution to remove slag, splatter, oxide, and oil residue. All stainless steel to remain in natural finish.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Non-stainless steel parts to be painted black	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Hydraulic Pump and PTO:</b>	
The hydraulic pump shall be a variable volume pressure compensated load sensing axial piston type.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front mounting flange and main housing/case shall be cast iron.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The inlet and outlet port section shall be high strength ductile iron with SAE split flange porting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump shall have proper seals to facilitate use of a "wet spline" PTO	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The suction port and associated plumbing shall be sized to allow for minimum inlet restriction between the pump and the suction port on the reservoir	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Suction plumbing shall be equal to or greater than the pump inlet or suction size.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 2" full flow ball valve shall be installed in the suction line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The pump input shaft is to have a minimum continuous torque rating equal to 200% of the imposed load when the pump is operated at maximum engine RPM, maximum displacement and system pressure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front input shaft bearing is to be of the heavy duty ball or roller type design for high axial and radial loading	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The rear shaft bearing is to be high speed and load sleeve type design	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The bearings are to be fully lubricated by flooded case oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	Ramp/swashplate supported by pressure lubricated bearings of the rocker cam or servo control cylinder for rapid pump response and precise pump output control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Adjustable load sense and high pressure compensator control valve assembly of the full cartridge or of bolt on housing design for ease of replacement and repair.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	System design and components to provide flow, pressure, and performance requirements stated herein with a maximum operating load sense differential pressure of 300 psi and a maximum standby pressure of 350 psi for maximum efficiency.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If pilot control shifted valving is utilized in the system they are to be designed to be fully functional within this pressure range.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump outlet shall be capable of providing hoist cylinder extension required for a 50 degree body dump angle in 13 seconds or less at 1500 engine rpm's at a 1000 psi system load.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump shall be a Sauer Danfoss Series 45	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pump shall be PTO mounted off the transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall be a hot shift style and fit on the Allison transmission	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall be of a wet spline design to provide constant lubrication to the pump shaft splines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The PTO shall come with a direct mount rotatable pump flange	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>Directional Control Valve Assembly:</b>	
	The hydraulic valve will be a cast iron, sectional type spool valve.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Valve will feature individual pressure and flow compensation for each section. The valve will be rated for a nominal flow of 30 gpm.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Sections for the hoist, plow and plow angle will be shifted via proportional solenoid control.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The load sensing shuttle network will be internal and include delrin seats for long term reliability and ease of replacement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Sections will be provided for: Dump Hoist Double Acting with down relief Front Plow Double acting lift Front Plow Double acting angle Pre-Wet Single acting Spinner Single acting Feeder Single acting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Hoist and plow sections will include a manual handle override. Spreader sections will include a push pin manual override. The hydraulic valve will include a main relief.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The Hydraulic valve will be a Sauer-Danfoss model PVG-32.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>Hydraulic Valve Enclosure/Reservoir Combination:</b>	
	The hydraulic valve will be mounted in an enclosure that fully encloses the hydraulic valve and is part of the oil reservoir package.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The enclosure will feature a removable access panel held in place by rubber latches.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All plumbing internal to the enclosure will be SAE tubing and terminate on the enclosure bottom with bulk type JIC fittings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The reservoir will be frame mounted and have a capacity of not less than 30 gallons of hydraulic oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	Reservoir will include a fill cap with anti splash shield, sight and temp gauge and a float assembly wired to the console to notify the operator of a low oil condition.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The reservoir will include a tank magnet and drain plug.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Reservoir to be fabricated from 304 stainless steel and include the valve enclosure.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Valve enclosure/reservoir is to be a ServiceGuard series.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>IN CAB CONTROLS FOR DUMP AND PLOW:</b>	
	The hoist and plow functions will be controlled from the cab via proportional joystick assemblies.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The hoist control joystick shall be a single axis with a neutral lock	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The plow control joystick shall be a dual axis.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Controls to be mounted in a floor mounted console that will include an arm rest and provision for mounting the spreader control to.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Control pedestal is to be adjustable up and down and left to right and shall include a padded armrest.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Console is to have a minimum of six switches and four indicator lights.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Control installation to include indicator lights for body up, low oil.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Control console to be a Stormguard Freedom series.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>ELECTRONIC SPREADER CONTROLLER:</b>	
	Knobs to be rotary encoders with push feature and no maximum or minimum limit position.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Touch screen shall be used for set up and calibration of the unit.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	There shall be a USB port on the side of the unit for data download to a USB stick if option is selected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The unit delivered shall be a Freedom 2.1 as manufactured by Certified Power	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Unit dimensions shall be approximately 7.8" long x 4" high x 3.8" deep	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A standard hoop style bracket shall be provided for ease of mounting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall utilize a color TFT LCD display with touch input capability.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall use an AMP 23 pin sealed connector for all spreader electrical connections	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall not weigh more than one pound	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller housing shall be powder coated aluminum	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Operating temperature range shall be -40 degrees Celsius to +70 degree Celsius with 6 AMP's total PWM current	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall withstand vibration to SAE 1455 2G swept sinusoidal 10 – 2 GHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall withstand vibration to SAE 1455 random 5 – 500 Hz, cab mounted profile without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The controller shall withstand drop to tiled concrete from 36" to each face without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Control to have 3 PWM output channels. Feeder and spinner PWM capable of 4 AMPS each, liquid PWM capable of 6 AMPS. Total system PWM current limited to 10 AMPS at 50 degrees Celsius. (6 AMPS at maximum operating temperature.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	1 channel shall be ground speed oriented auger, 1 channel for spinner, and 1 channel for a liquid function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid function shall be configurable to control either a pre-wet or a single lane anti-ice function.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The controller is to have a simple operator interface consisting of 3 buttons, two knobs and an interactive touch screen.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Programming of unit shall not require the use of any ancillary devices or computers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The USB port shall function as an upload port to allow field upgrade of software or capabilities of the system. This port also allows for the saving or restoration of calibration settings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The front panel function text is to be backlit for night viewing.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
To prevent glare at night, there shall be a "night mode" for the touch screen.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit is to be supplied with 8MB of RAM and 4MB of flash memory.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a field replaceable fuse to protect the system. This fuse is to be easily accessible.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The "help" information for trouble shooting and calibration shall be embedded in the on board software	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The system shall support a remote blast and remote pause feature.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall function in open loop and/or closed loop modes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The PWM circuits shall be configurable for current regulation or voltage regulation to reduce hysteresis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be an input to sense a stall of the spreader	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A float input circuit shall be provided to turn off liquid system at a low level	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Storm totals shall be available on screen and via USB download or through an RS232 serial AVL data cable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet handling electrostatic discharge of 8kV direct and 25kV air discharge per SAE J1113/13 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 860MHz, class 4 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated emissions limited per SAE J1113/41 150KHz – 108MHz, class 3 without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall meet radiated immunity limits per SAE J1113/21 10 KHz – 2 GHz, 100V/m, 1kHz AM modulation, vertical and horizontal polarity without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand load dump limits per SAE J1113/11 pulse 5, for heavy duty vehicles without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand bulk current injection limits per SAE J1113/4 1 – 400 MHz without degradation of performance.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand engine cranking pulse limits per SAE J1113/11 pulse 4 without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand conducted transient limits per SAE J1113/11 pulses 1a, 1b, 2a, 2b, 3a, and 3b without degradation of performance.	<input type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous reverse supply voltage without degradation of performance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall withstand continuous supply voltage of 28 VDC without degradation of performance	<input type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall have an ARM 9 processor running at 150MHz.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall utilize NET OS running Certified Power spreader control software.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall be capable of communicating with AVL devices using Certified Power Freedomn Talk protocol.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall have internal audible alarm capability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Encoders shall provide audible feedback with rotation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The configuration menu options shall be disabled when ground speed is present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The controller shall require a password unlock to change configurations and calibrations to prevent operator intervention.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall not require continuous connection to the vehicle battery when not in use.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The controller shall provide NPN type output signals for the spreader PWM functions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall have open loop liquid control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall have 4 configurable material types	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The storm totals shall be available on screen and be able to be downloaded to a USB thumb drive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a float switch input for liquid tank empty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Error messages must be displayed on screen and set audible alarm	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be voltage and current controlled for stability of output	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Inputs shall be available for remote pause and remote blast functionality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a ground speed triggered auxillary output to operate a cross conveyor or other function	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be and to interface with Freedom ATS data device	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be a switch input for conveyor stall	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be able to detect a short in a sensor circuit or in a calve drive circuit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be 3 additional unused inputs for additional devices	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall be upgradeable via a USB thumbdrive without the use of a specialized device.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The unit shall allow firmware updates via a USB thumbdrive without the use of a computer or specialized device.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The spreader controller shall be a Certified Power Freedom 2.1 or prior approved equal.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>HYDRAULIC PLUMBING:</b>	
Hoses must be sized accordingly to provide optimum performance of all hydraulic equipment. JIC and ORB fittings are required.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wherever possible stainless steel hydraulic tubing should be used. Rubber hose lengths should be kept to a minimum	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stainless steel hydraulic tubing should be routed from behind the cab to the end of the frame rails at the rear and should be the following Three ½" stainless steel tubing for auger pressure, spinner pressure, and pre-wet pressure. One 1" combined return line.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
These hydraulic tubes should be installed in isolator style tubing clamps which are mounted to a 4" x ¼" flatbar that is fastened to the dump body sub-frame. There shall be a tubing clamp no more than 6" from each end and every 24" in between.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hydraulic hoses shall be routed from the end of the stainless steel tubing to the dump body sub-frame on both sides just ahead of the dump body rear corner posts.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hydraulic hoses on the outside of the sub-frame shall be routed along the under-side of the dump body floor and attached to quick disconnect brackets that are welded to the floor of the dump body just ahead of the rear corner posts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
There shall be two ½" quick disconnects for the spinner motor on the drivers side and four ½" quick disconnects, two for the auger motor and two for the pre-wet system on the curb side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	The hydraulic lines for the snowplow shall also utilize stainless steel hydraulic tubing. These lines shall be routed on the drivers side of the truck and should not interfere with any maintenance that needs to be done to the chassis. Whip hoses should be run from the end of these hoses and bulkheaded to the snowplow hitch push plate attached to frame rails.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The snowplow circuit should have hydraulic quick disconnects for the reversing cylinders and the lift cylinder.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	All hydraulic hoses installed outside the frame rails shall be wrapped in a kevlar hose protection material. This is to include all hoses routed to the plow, spreader, pre-wet system.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>PRE-WETTING SYSTEM:</b>	
	Hydraulic drive motor shall be a 1.21 CIR geroler type utilizing a flexible lovejoy coupling that drives the liquid pump..	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid pump shall be a 8.5 GPM @ 1750 RPM gear type of corrosion resistant materials with carbon graphite bearings.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A 20 mesh suction strainer shall be installed prior to the brass liquid pump.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Liquid output shall be controlled by the Hydraulic Control System.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	An in-line turbine style liquid flowmeter with fair accuracy up to 15 GPM shall provide liquid flow information to the Hydraulic Control System for precise gal/ton metering.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The truck will also be equipped with dual 120 gallon behind the cab pre-wetting reservoirs.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Each tank is to include a top fill cap that is tethered to the tank and a clean out sump in the bottom of the tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The tanks will be installed in a stainless steel frame that is mounted to the chassis frame rails. The tanks are to be secured to the frame by two 2" nylon straps per tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Tanks shall be plumbed together utilizing a minimum of three inch nylon braided hoses or corrugated plastic hoses. All fittings used are to be as large as possible to accomplish an equalized fill.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Both tanks are to have overflow tubes installed in the top and run down to a point below the floor level of the body. These tubes are to be securely fastened to the mounting frame of each respective tank.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	The pre-wetting system is to be supplied with a 2" cam lock style quick fill located in a convenient location for the operator. Location will be determined at the pre-build conference.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A system flush kit is to be provided and installed on the truck. This system is to consist of a separate poly reservoir that is a minimum of two gallon capacity that is plumbed into the main reservoir supply line with a poly tee.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	When delivered the truck must have a minimum pre-wetting capacity of 240 gallons.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	A full length x 1/2 inch diameter stainless steel pipe shall be mounted inside the spreader hopper with at least two stainless steel u-bolts. The pipe should have a series of holes in it to discharge pre-wet material into the hopper.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>MISC. DUMP BODY EQUIPMENT:</b>	
	A set of rubber mudflaps are to be provided and installed rearward of the rear tires. These mudflaps are to be at least 1/2" thick and are to be installed on a hinged stainless steel bracket that is removable without the use of any tools.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A set of plastic mudguards are to be provided and installed forward of the rear wheels and high enough to form a seal with the under side of the body floor.. The mudguards be installed on a bolt-on stainless steel removeable bracket that is attached to the chassis frame rail, These mudguards should have anti-sail brackets installed around them.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A stainless steel spring loaded shovel holder is to be supplied and installed on a stainless steel plate that is welded to the body. This plate should be welded to the body prior to that painting process. The location to be determined during the pre-paint meeting.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A 3/4 inch thick pintle plate is to be welded to rear of the chassis frame rails. Two (2) 1" "D" rings should be welded to the plate and A 45 TON pintle hook should be provided. The chassis manufacturer trailer plug and glad hands (if provided) are also to be mounted to this plate. "Keyhole" style trailer chain keepers are not acceptable.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
A pollack 9 pin trailer plug part number 12-907P shall be installed in the pintle plate. Wiring diagram shall be provided by the village prior to installation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>MANUALS:</b>	
Parts and service manuals for all items shall be provided in a bound book upon delivery of the completed vehicle. Two complete lists of part numbers of item used in building the truck will be included	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>TRAINING:</b>	
Equipment installer to provide training on all operations and calibration of all equipment upn delivery of completed vehicle	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>WARRANTY:</b>	
One full winter season parts and labor on all equipment	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dump body, snowplow, spreader, and pre-wet system to carry a one year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dump Body hoist to carry a three year parts and labor warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Whelen lighting to carry a five year replacement warranty	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
No charge pick up and delivery of truck for warranty will be provided by the bidder during the warranty period	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>INSTALLATION OF AFTERMARKET EQUIPMENT:</b>	
The dump body, snowplow and snowplow hitch must be provided from and installed by an authorized primary distributor of the original equipment manufacturer. No Exceptions.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
For warranty considerations and future availability of parts and service, the body company must be an authorized primary distributor for all major components they propose to furnish.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
All equipment must be installed by a single body company, by their employees and at their regular location.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed vehicle must be certified by the body company as meeting all federal motor vehicle safety standard in effect at time of chassis production.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Approved NHTSA/FMVSS certification label must be furnished and located inside cab on driver's side.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Completed unit to comply with current OSHA regulations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Body company must be registered with National Highway Traffic Safety Administration as a final stage manufacturer of motor vehicles as required by Federal Law.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Body company to be registered and in good standing with National Truck Equipment Association (NTEA) and be the authorized distributor for all equipment bid with products having an MVP status.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

	<b>DELIVERY</b>	
	Upon delivery the truck and equipment shall be fully operational and without defect.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

If any boxes were checked as non-compliant to the specifications above, please provide detailed information as to what is being provided below.

1821PL Duraclass Turin Arm Underbody Hoist in lieu of telescopic  
 - Eliminates need for doghouse in body  
 - NTEA Class 50 rated hoist  
 - 3 year warranty per specs  
 - Optioned Mailhot hoist w/doghouse, ADD \$1,580<sup>00</sup>

See last page of Lindco quote for additional options.



## Agenda Item Executive Summary

**Title:** R-16-2014 - 1096 Laurel Plat of Consolidation - Adopt

**Presenter:** Brian Norkus, Assistant Community Development Director

**Agenda Date:** 05/20/2014

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input checked="" type="checkbox"/> | Resolution              |
| <input type="checkbox"/>            | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input type="checkbox"/>            | Informational Only      |

### Item History:

None.

### Executive Summary:

Section 15.32.080 of the Building Code dictates that a new residence be constructed on a single lot of record. The property at 1096 Laurel consists of two parcels made up of portions of three lots of record and having three separate tax parcel numbers. The consolidation will consolidate the two parcels into a single lot of record with a streamlined legal description.

The one-lot consolidation does not change property ownership, lot size, lot dimensions or zoning status and is therefore governed by a simplified subdivision process that only requires review by administrative staff.

The proposed Plat of Consolidation also provides the utility easements requested by the Water and Electric Department.

### Recommendation / Suggested Action:

1) Consider a motion to adopt Resolution R-16-2014 which would approve the 1096 Laurel Avenue Consolidation, establishing the parcel as a single lot of record.

### Attachments:

- 1) Agenda Report dated May 9, 2014
- 2) R-16-2014 – A Resolution Granting Approval of a Plat of Consolidation ("1096 Laurel Avenue Consolidation")
- 3) Attachment A – 1096 Laurel Avenue Consolidation Plat
- 4) Attachment B – Site plan for new residence
- 5) Attachment C – Parcel map

## AGENDA REPORT

**SUBJECT:** Resolution R-16-2014 - Plat of Consolidation - 1096 Laurel Avenue

**PREPARED BY:** Brian Norkus, Assistant Director of Community Development

**DATE:** May 15, 2014

The attached plat of consolidation (Attachment A) is filed by the owner of the property at 1096 Laurel Avenue as part of the owner's application to construct a new home on the property. Section 15.32.080 of the Building Code dictates that a new residence be constructed on a single "Lot of Record."

The parcel in question is an irregular lot, distinguished by the fact that it is comprised of fractional portions of *two* Lots of Record platted in 1878, and includes three separate tax parcel numbers. Both portions of the 1096 Laurel parcel have been under common ownership for several decades, with the current boundaries established prior to 1919 when the original residence (since demolished) was constructed.

The plat of consolidation is primarily directed at consolidating the land ownership into a single, streamlined legal description. The one-lot consolidation does not change property ownership, lot size, lot dimensions or zoning status. At the same time, the process affords the Village the opportunity to request utility easements. The irregular lot shape and configuration has led to easement requirements by the Water and Electric Department to allow for utility services to the subject property as well as other homes on the block. The applicant has provided all easements requested by the Village on the attached plat.

Due to the ministerial nature of the review of such plats, the Subdivision Code does not require such plats to be reviewed by the Plan Commission. The Plat of Consolidation has been reviewed and approved by the Director of Community Development, the Director of Water & Electric, the Village Engineer, and the Village Collector.

### **Recommendation:**

1) Consider adoption of Resolution R-16-2014, which would approve the plat of consolidation and create the required single Lot of Record.

### **Attachments:**

R-16-2014 – A Resolution Granting Approval of a Plat of Consolidation (“1096 Laurel Avenue Consolidation”)

Attachment A – 1096 Laurel Consolidation plat

Attachment B – Site plan of new residence

Attachment C – Parcel map

**A RESOLUTION  
GRANTING APPROVAL OF A PLAT OF CONSOLIDATION  
("1096 Laurel Avenue Consolidation")**

**WHEREAS**, the Village of Winnetka ("Village") is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village; and

**WHEREAS**, the Council of the Village of Winnetka ("Village Council") finds that establishing standards for the use, development and subdivision of land within the Village is a matter pertaining to the affairs of the Village; and

**WHEREAS**, the property commonly known as 1096 Laurel Avenue, Winnetka, Illinois (the "Subject Property"), is an irregularly shaped parcel located along the southeast side of the curve of Laurel and Burr Avenues; and

**WHEREAS**, the Subject Property, which is made up of one lot of record combined with fractional portions of two lots of record platted by the County Clerk in 1878, is legally described as follows:

**Parcel 1:**

Lot 2 and Lot 3 (except that part of Lot 3 described as follows: commencing at the Northeast corner of said Lot 3 running thence Southwesterly along the North Line of said Lot, 32.8 feet thence Easterly in a straight line to a point in the East line of said Lot, 10 feet South of the Northeast Corner of said Lot, thence Northerly along the East Line of said Lot to the point of beginning) in Erickson's subdivision of Lot 10 in Block 10 in County Clerk's Division of the Southwest Quarter of Section 17, Township 42 North, Range 13, East of the Third Principal Meridian, Cook County Illinois; and

**Parcel 2:**

That part of Lot 9 described as follows: Beginning at the most Northerly corner of said Lot: thence Southwesterly along the Westerly line along the Westerly line of said Lot, 35 feet, thence Southeasterly parallel to the Northeasterly line of said Lot to the point 125 feet North of South line of said Lot (as measured at right angles thereto) thence on a line parallel to the South Line of said Lot to the Northeasterly Line of said Lot, thence Northerly to the point of beginning in Block 10 in County Clerk's Division of the Southwest Quarter of Section 17, Township 42 North, Range 13, East of the Third Principal Meridian, Cook County Illinois; and

**WHEREAS**, the Subject Property is located in the R-2 Single-Family Residential Zoning District provided in Chapter 17.24 of the Winnetka Zoning Ordinance, Title 17 of the Winnetka Village Code; and

**WHEREAS**, the owners of the Subject Property have submitted to the Village of Winnetka a plat of consolidation titled “Final Plat of 1096 Laurel Avenue Consolidation” (“Plat of Consolidation”), pursuant to which the Subject Property will be consolidated into a single, platted lot, which shall thereafter be known as “Lot 1 of 1096 Laurel Avenue Consolidation in the Southwest Quarter of Section 17, Township 42 North, Range 13, East of the Third Principal Meridian, in Cook County, Illinois;” and

**WHEREAS**, the proposed consolidation of the two parcels into a single lot of record does not change the property ownership, lot size, lot dimensions or zoning status, and does not create any new nonconformities; and

**WHEREAS**, the proposed consolidation of the two parcels into a single lot of record affords the Village the opportunity to obtain utility easements; and

**WHEREAS**, the proposed Plat of Consolidation provides all easements requested by the Water & Electric Department to allow for utility services both to the Subject Property and to other homes on the block; and

**WHEREAS**, the proposed subdivision has been submitted in accordance with Section 15.32.080(C) of the Winnetka Building Code, Title 15 of the Winnetka Village Code, and is therefore subject to the simplified subdivision procedure provided in Section 16.08.010(F) of the Winnetka Subdivision Ordinance, Title 16 of the Winnetka Village Code, which does not require review by the Plan Commission; and

**WHEREAS**, pursuant to Section 16.08.010(F) of the Winnetka Subdivision Ordinance, the Plat of Consolidation has been reviewed and approved by the Director of Community Development, the Director of Water & Electric, the Village Engineer and the Village Collector; and

**WHEREAS**, the proposed consolidation in all other respects meets the requirements of Title 16 of the Winnetka Village Code and all other applicable ordinances.

**NOW, THEREFORE**, be it resolved by the Council of the Village of Winnetka as follows:

**SECTION 1:** The foregoing recitals are hereby incorporated as the findings of the Council of the Village of Winnetka, as if fully set forth herein.

**SECTION 2:** The Plat of Consolidation prepared by Haeger Engineering, LLC, titled “Final Plat of 1096 Laurel Avenue Consolidation” and dated October 11, 2013, a copy of which is attached hereto as Exhibit A, is hereby accepted and approved.

[Remainder of this page intentionally left blank.]

**SECTION 3:** This Resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

**SECTION 4:** This Resolution shall be in full force and effect immediately upon its adoption.

**ADOPTED** this \_\_\_\_ day of \_\_\_\_\_, 2014, by the following roll call vote:

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

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

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

Signed:

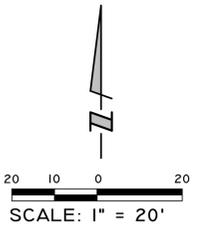
\_\_\_\_\_  
Village President

Attest:

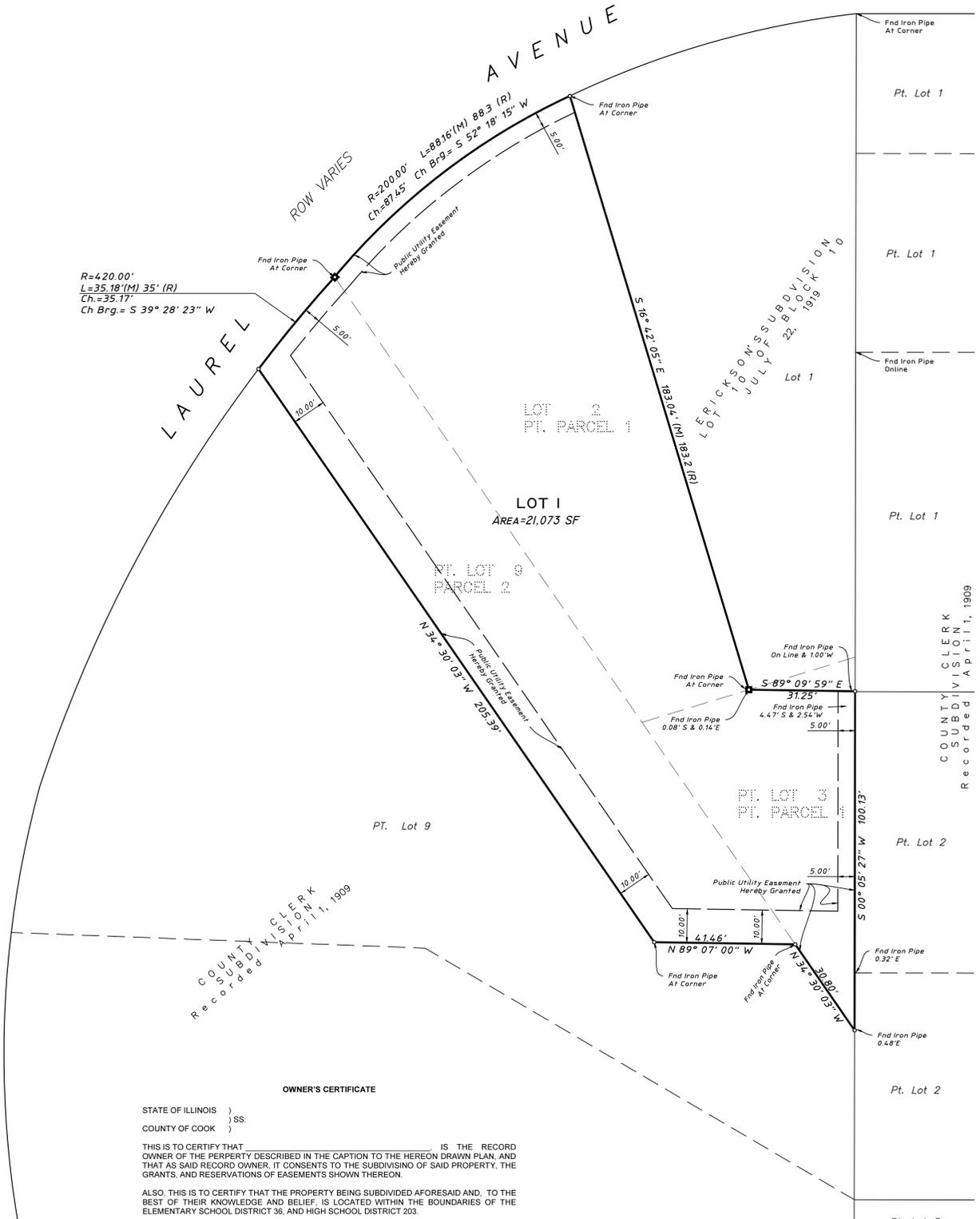
\_\_\_\_\_  
Village Clerk

# FINAL PLAT OF 1096 LAUREL AVENUE CONSOLIDATION

THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 42 NORTH, RANGE 13, EAST  
OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.



## Attachment A



### PUBLIC UTILITY EASEMENT

AN EASEMENT IS HEREBY GRANTED TO THE VILLAGE OF WINNETKA FOR PUBLIC UTILITIES, IN, UPON, ALONG, OVER AND UNDER THOSE PARTS OF THE LOTS INDICATED ON THIS PLAT AND MARKED 'UTILITY EASEMENT'; TO INSTALL, CONSTRUCT, LAY, MAINTAIN, OPERATE, RELOCATE, RENEW AND REMOVE NECESSARY EQUIPMENT FOR THE PUBLIC UTILITY PURPOSES, TOGETHER WITH THE RIGHTS OF INGRESS TO AND EGRESS FROM THE EASEMENT, AND THE RIGHT TO TRIM AND REMOVE SUCH TREES, BUSHES, SHRUBS, AND LANDSCAPING, AS MAY BE REASONABLY REQUIRED INCIDENTAL TO THE INSTALLATION AND MAINTENANCE OF UTILITY FACILITIES. THE EASEMENT MAY BE USED FOR GARDENS, SHRUBS, LANDSCAPING, WOODEN FENCES, AND OTHER PURPOSES THAT DO NOT INTERFERE WITH THE USE OF THE EASEMENT. BUT NO PERMANENT BUILDINGS OR STRUCTURES OTHER THAN DRIVEWAY AND SIDEWALK SURFACES SHALL BE PLACED ON THE EASEMENT.

STATE OF ILLINOIS )  
COUNTY OF COOK )

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_ BY THE DIRECTOR OF THE WATER AND ELECTRIC DEPARTMENT OF THE VILLAGE OF WINNETKA, COOK COUNTY, ILLINOIS.

WATER AND ELECTRIC DIRECTOR

STATE OF ILLINOIS )  
COUNTY OF COOK )

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_ BY THE DIRECTOR OF THE COMMUNITY DEVELOPMENT DEPARTMENT OF THE VILLAGE OF WINNETKA, COOK COUNTY, ILLINOIS.

COMMUNITY DEVELOPMENT DIRECTOR

STATE OF ILLINOIS )  
COUNTY OF COOK )

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_ BY THE VILLAGE ENGINEER OF THE VILLAGE OF WINNETKA, COOK COUNTY, ILLINOIS.

VILLAGE ENGINEER

STATE OF ILLINOIS )  
COUNTY OF COOK )

I, \_\_\_\_\_, VILLAGE COLLECTOR OF THE VILLAGE OF WINNETKA, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT OR UNPAID CURRENT OR FORFEITED SPECIAL ASSESSMENTS, OR ANY DEFERRED INSTALLMENTS THEREON THAT HAVE BEEN APPORTIONED AGAINST THE TRACT OF LAND INCLUDED IN THIS PLAT OF CONSOLIDATION.

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D., 20\_\_\_\_

VILLAGE COLLECTOR

STATE OF ILLINOIS )  
COUNTY OF COOK )

APPROVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF WINNETKA, ILLINOIS, THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D., 20\_\_\_\_

ATTEST: \_\_\_\_\_  
CLERK VILLAGE PRESIDENT, WINNETKA, ILLINOIS

PREPARED BY:  
**HAEGER ENGINEERING, LLC**  
CONSULTING ENGINEERS AND LAND SURVEYORS  
1304 N. PLUM GROVE ROAD  
SCHAUMBURG, IL 60173  
TEL: (847)394-6600  
FAX: (847)394-6608  
PROJECT NO. 13-117

PREPARED FOR:  
**HIGHGATE BUILDERS**  
378 PARK UNIT 3B  
GLENCOE, ILLINOIS 60022

SEND NEW TAX BILLS TO:  
(PIN # S 05-17-309-002, 05-17-309-003, 05-17-309-004)

1056 LAUREL AVENUE  
WINNETKA, ILLINOIS, 60093

SUBMITTED BY AND RETURN PLAT TO:  
**VILLAGE OF WINNETKA**  
DEPARTMENT OF COMMUNITY DEVELOPMENT  
510 GREEN BAY ROAD  
WINNETKA, ILLINOIS 60093

### OWNER'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT \_\_\_\_\_ IS THE RECORD OWNER OF THE PERPRTY DESCRIBED IN THE CAPTION TO THE HERON DRAWN PLAN, AND THAT AS SAID RECORD OWNER, IT CONSENTS TO THE SUBDIVISION OF SAID PROPERTY, THE GRANTS, AND RESERVATIONS OF EASEMENTS SHOWN THEREON.

ALSO, THIS IS TO CERTIFY THAT THE PROPERTY BEING SUBDIVIDED AFORESAID, AND, TO THE BEST OF THEIR KNOWLEDGE AND BELIEF IS LOCATED WITHIN THE BOUNDARIES OF THE ELEMENTARY SCHOOL DISTRICT 36, AND HIGH SCHOOL DISTRICT 203.

DATED AT \_\_\_\_\_, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

### NOTARY CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF COOK )

I, \_\_\_\_\_, A NOTARY PUBLIC IN AND FOR SAID COUNTY IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT \_\_\_\_\_ WHO IS PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED SAID INSTRUMENT AS HOLDER OF RECORD TITLE AS THEIR OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D., 20\_\_\_\_

NOTARY PUBLIC  
MY COMMISSION EXPIRES \_\_\_\_\_

### MORTGAGEE'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF COOK )

\_\_\_\_\_, AS MORTGAGEE UNDER THE PROVISIONS OF A CERTAIN MORTGAGE DATED \_\_\_\_\_, A.D. 20\_\_\_\_ AND RECORDED IN THE RECORDER'S OFFICE OF \_\_\_\_\_ COUNTY, ILLINOIS ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_ AS DOCUMENT NO. \_\_\_\_\_ HEREBY CONSENTS TO AND APPROVES THE SUBDIVISION OF LAND AND THE GRANTING OF THE EASEMENT(S) DEPICTED HEREON.

BY: \_\_\_\_\_ ATTEST: \_\_\_\_\_  
ITS: \_\_\_\_\_ ITS: \_\_\_\_\_

### NOTARY CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF COOK )

I, \_\_\_\_\_, A NOTARY PUBLIC IN AND FOR SAID COUNTY IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT \_\_\_\_\_ WHO IS PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED SAID INSTRUMENT AS HOLDER OF RECORD TITLE AS THEIR OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D., 20\_\_\_\_

NOTARY PUBLIC  
MY COMMISSION EXPIRES \_\_\_\_\_

### SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY TO THE VILLAGE OF WINNETKA THAT I, JEFFREY W. GLUNT, AN ILLINOIS PROFESSIONAL LAND SURVEYOR DO HEREBY CERTIFY THAT I HAVE SURVEYED AND SUBDIVIDED THE FOLLOWING DESCRIBED PROPERTY, AND THAT THE PLAT HERON DRAWN IS A CORRECT REPRESENTATION THEREOF, ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.

**PARCEL 1:**  
LOT 2 AND LOT 3 (EXCEPT THAT PART OF LOT 3 DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 3 RUNNING THENCE SOUTH WESTERLY ALONG THE NORTH LINE OF SAID LOT, 32.8 FEET THENCE EASTERLY IN A STRAIGHT LINE TO A POINT IN THE EAST LINE OF SAID LOT, 10 FEET SOUTH OF THE NORTHEAST CORNER OF SAID LOT, THENCE NORTHERLY ALONG THE EAST LINE OF SAID LOT TO THE POINT OF BEGINNING) IN ERICKSON'S SUBDIVISION OF LOT 10 IN BLOCK 10 IN COUNTY CLERK'S DIVISION OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 42 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.

**PARCEL 2:**  
THAT PART OF LOT 9 DESCRIBED AS FOLLOWS: BEGINNING AT THE MOST NORTHERLY CORNER OF SAID LOT; THENCE SOUTHWESTERLY ALONG THE WESTERLY LINE ALONG THE WESTERLY LINE OF SAID LOT, 35 FEET; THENCE SOUTHEASTERLY PARALLEL TO THE NORTHEASTERLY LINE OF SAID LOT TO THE POINT 125 FEET NORTH OF SOUTH LINE OF SAID LOT (AS MEASURED AT RIGHT ANGLES THERETO) THENCE ON A LINE PARALLEL TO THE SOUTH LINE OF SAID LOT TO THE NORTHEASTERLY LINE OF SAID LOT, THENCE NORTHERLY TO THE POINT OF BEGINNING IN BLOCK 10 IN COUNTY CLERK'S DIVISION OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 42 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.

CONTAINING 21,073 S.F. (0.48377 ACRES) MORE OR LESS.

I FURTHER CERTIFY THAT IRON STAKES HAVE BEEN SET AT ALL LOT CORNERS, POINTS OF CURVATURE AND TANGENCY, EXCEPT WHERE CONCRETE MONUMENTS ARE INDICATED, AND THAT THE PLAT HERON DRAWN CORRECTLY REPRESENTS SAID SURVEY AND SUBDIVISION AS REQUIRED BY (765 ILCS 205/0.01 ET SEQ.)

I FURTHER CERTIFY THAT THE FOREGOING FALLS WITHIN THE CORPORATE LIMITS OF THE VILLAGE OF WINNETKA, AND I FURTHER CERTIFY THAT NO PART OF SAID PROPERTY IS SITUATED WITHIN A FLOOD HAZARD AREAS, AS PER THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 17031C0251J, EFFECTIVE DATE AUGUST 19, 2008.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED AT SCHAUMBURG, ILLINOIS, \_\_\_\_\_ OCTOBER 11, 2013

BY: \_\_\_\_\_  
**FOR REVIEW**  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3695

**HAEGER ENGINEERING, LLC**  
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003152  
CONSULTING ENGINEERS AND LAND SURVEYORS  
1304 N. PLUM GROVE ROAD  
SCHAUMBURG, ILLINOIS 60173  
TEL: 847/394-6600 FAX: 847/394-6608



EXPIRES 11-30-14



# Attachment C - parcel map





## Agenda Item Executive Summary

**Title:** R-18-2014 - Approving Law Enforcement Mutual Aid Agreement - Adopt

**Presenter:**

**Agenda Date:** 05/20/2014

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input checked="" type="checkbox"/> | Resolution              |
| <input type="checkbox"/>            | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input type="checkbox"/>            | Informational Only      |

### Item History:

In 2003, the Village Council adopted Resolution R-4-2003, approving an intergovernmental agreement that established the Illinois Law Enforcement Alarm System and provided for emergency mutual aid among participating law enforcement agencies throughout the State of Illinois.

### Executive Summary:

The Village of Winnetka was one of the initial members of the Illinois Law Enforcement Alarm System ("ILEAS") when it was established in 2003. ILEAS has since grown to approximately 900 members, making it the largest law enforcement mutual aid system in the United States.

In order to accommodate the growth of ILEAS, to provide a clearer legal framework for its existence and operations, and to provide a better mechanism for amendments and operational improvements, ILEAS has developed a new mutual aid agreement.

Resolution R-18-2014 approves the new ILEAS agreement, which is attached as Exhibit A to the Resolution. By approving the new ILEAS agreement, the Resolution also formally approves the continuing existence and operation of ILEAS as an intergovernmental agency.

The ILEAS brochure, "The Path Forward," provides additional details both about the history, membership and operation of ILEAS, and about the new mutual aid agreement.

### Recommendation / Suggested Action:

Consider adopting Resolution R-18-2014, titled "A Resolution Authorizing the Execution of a Law Enforcement Mutual Aid Agreement and the Existence and Formation of the Illinois Law Enforcement Alarm System by Intergovernmental Cooperation."

### Attachments:

R-18-2014 - "A Resolution Authorizing the Execution of a Law Enforcement Mutual Aid Agreement and the Existence and Formation of the Illinois Law Enforcement Alarm System by Intergovernmental Cooperation"

Exhibit A - "Law Enforcement Mutual Aid Agreement"

ILEAS Brochure - "The Path Forward"

**A RESOLUTION  
AUTHORIZING THE EXECUTION OF  
A LAW ENFORCEMENT MUTUAL AID AGREEMENT  
AND THE EXISTENCE AND FORMATION OF THE  
ILLINOIS LAW ENFORCEMENT ALARM SYSTEM  
BY INTERGOVERNMENTAL COOPERATION**

**WHEREAS**, the Village of Winnetka (“VILLAGE”), located in the County of Cook, State of Illinois, is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the VILLAGE; and

**WHEREAS**, as a public agency of the State of Illinois, the VILLAGE is authorized and empowered by Article VII, Section 10 of the Illinois Constitution of 1970 and by the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, to enter into intergovernmental agreements with other public agencies on matters of mutual concern and interest, such as the provision of adequate law enforcement personnel and resources for the protection of residents and property falling within the jurisdiction of the VILLAGE; and

**WHEREAS**, the VILLAGE recognizes that certain natural or man-made occurrences may result in emergencies or disasters that exceed the resources, equipment and/or law enforcement personnel of a single given public agency; and

**WHEREAS**, the Corporate Authorities of the VILLAGE (“Village Council”) find and determine that, by entering into a mutual aid agreement for law enforcement services and resources, the VILLAGE can effectively provide a broader range and more plentiful amount of law enforcement capability for the citizenry which it serves; and

**WHEREAS**, the Village Council further finds and determines that, in order to have an effective mutual aid agreement for law enforcement resources and services, the VILLAGE must be prepared to come to the aid of other public agencies in their respective times of need due to emergencies or disasters; and

**WHEREAS**, the Village Council further finds and determines that it is necessary and desirable for the VILLAGE to develop an effective mutual aid agreement for law enforcement services and resources that it may call upon in its time of need, and the VILLAGE is therefore prepared to enter into a mutual aid agreement for law enforcement services and resources with other like-minded public agencies; and

**WHEREAS**, the Village Council further finds and determines that it is necessary and desirable to establish a public agency, formed by an intergovernmental agreement between two or more public agencies, that can serve to coordinate and facilitate the provision of law enforcement mutual aid between signatory public agencies to a mutual aid agreement for law enforcement services and resources; and

**WHEREAS**, since 2003, pursuant to Resolution R-4-2003, the VILLAGE has been a party to an intergovernmental agreement for mutual aid (“2003 Mutual Aid Agreement”), which was

developed by the Illinois Emergency Management Agency and that established an agency known as the Illinois Law Enforcement Alarm System (“ILEAS”); and

**WHEREAS**, ILEAS has provided the VILLAGE with a new intergovernmental agreement for mutual aid, titled “Law Enforcement Mutual Aid Agreement,” a copy of which is attached to this Resolution as Exhibit A, which is intended to update the terms and conditions for the provision of law enforcement mutual aid in the State of Illinois and to supersede the 2003 Mutual Aid Agreement, all as provided in said “Law Enforcement Mutual Aid Agreement” (hereinafter the “2014 ILEAS Agreement”); and

**WHEREAS**, the VILLAGE understands and intends that other public agencies in the State of Illinois are prepared to execute the 2014 ILEAS Agreement, in conjunction with the VILLAGE, in order to provide and receive law enforcement mutual aid services as provided in said 2014 ILEAS Agreement; and;

**WHEREAS**, the VILLAGE anticipates and intends that the 2014 ILEAS Agreement will be executed in counterparts as other public agencies choose to enter into said 2014 ILEAS Agreement, thereby increasing the number of signatory public agencies and strengthening the resources available to participating public agencies for mutual aid under the 2014 ILEAS Agreement; and

**WHEREAS**, the VILLAGE anticipates and intends that the 2014 ILEAS Agreement will continue to garner support and acceptance from other currently unidentified public agencies who will enter into said 2014 ILEAS Agreement over time and be considered as if all signatory public agencies to the 2014 ILEAS Agreement had executed said agreement at the same time; and

**WHEREAS**, the Village Council finds and determines that continued participation in the ILEAS mutual aid plan as provided in the 2014 ILEAS Agreement will help the VILLAGE to safeguard lives, persons and property during emergencies by enabling the VILLAGE to receive assistance from, and provide assistance to, other municipalities in the form of additional resources, equipment and/or law enforcement personnel as needed; and

**WHEREAS**, the Village Council further finds and determines that entering into the 2014 ILEAS Agreement is in the best interests of the health, safety and general welfare of the Village and its residents and is a matter pertaining to the Village’s government and affairs.

**NOW, THEREFORE**, be it resolved by the Council of the Village of Winnetka as follows:

**SECTION 1: Findings.** The foregoing recitals are hereby adopted as the findings of the Council of the Village of Winnetka, and are incorporated by reference as if fully set forth herein.

**SECTION 2: Approval of Mutual Aid Agreement.** The Village of Winnetka hereby approves and authorizes: (a) the execution of that certain intergovernmental agreement for mutual aid, titled “Law Enforcement Mutual Aid Agreement,” substantially in the form prepared by the Illinois Law Enforcement Alarm System (“ILEAS”) and attached hereto as Exhibit A (the “2014 ILEAS Agreement”); and (b) the existence and formation of ILEAS through intergovernmental cooperation between and among the Village of Winnetka and all other signatory public agencies, as provided in the 2014 ILEAS Agreement.

**SECTION 4: Authorization to Execute Agreement.** The Chief of Police and the Village Clerk of the Village of Winnetka are hereby authorized and directed to execute and to seal the 2014 ILEAS Agreement, in duplicate, on behalf of the Village of Winnetka.

**SECTION 5: Implementation of Agreement.** The Village Manager is hereby authorized and directed to deliver the executed and sealed 2014 ILEAS Agreement and to take such other and further steps as necessary to implement said 2014 ILEAS Agreement and participate in ILEAS as provided therein.

**SECTION 6: Home Rule.** This Resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

**SECTION 7: Effective Date.** This Resolution shall be in full force and effect immediately upon its adoption.

**ADOPTED** this \_\_\_ day of \_\_\_\_\_, 2014, pursuant to the following roll call vote:

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

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

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

Signed:

\_\_\_\_\_  
Village President

Countersigned:

\_\_\_\_\_  
Village Clerk

**RESOLUTION R-18-2014**

**EXHIBIT A**

**Law Enforcement Mutual Aid Agreement**

# Law Enforcement Mutual Aid Agreement

This Law Enforcement Mutual Aid Agreement (LEMAA) is executed, in multiple counterparts, by the Public Agency shown on last page hereof on the date that is set forth on the last page of this LEMAA for the uses and purposes set forth herein.

Whereas, the undersigned Public Agency of the State of Illinois does hereby declare that it is in the best interest of the Signatory Public Agency to make provision for law enforcement Mutual Aid in the event the undersigned Public Agency should need law enforcement Mutual Aid, and;

Whereas, the undersigned Public Agency of the State of Illinois recognizes that law enforcement Mutual Aid is only effective if those Public Agencies who could potentially benefit from law enforcement Mutual Aid are willing to provide law enforcement Mutual Aid to other Public Agencies who are willing to enter into a Mutual Aid agreement such as this Mutual Aid agreement, and;

Whereas, in the State of Illinois, there exist constitutional and statutory provisions enabling and supporting the formation of intergovernmental agreements on matters such as law enforcement Mutual Aid, *to wit*, the Constitution of the State of Illinois (Ill. Const. Art. VII, § 10), the Illinois Intergovernmental Cooperation Act (5 ILCS 220/1 *et seq.*), the Local Governmental and Governmental Employees Tort Immunity Act (745 ILCS 10/7-101 *et seq.*) and the Illinois Municipal Code (65 ILCS 5/11-1-2.1), and;

Whereas, in order to have an effective law enforcement Mutual Aid system, it is necessary and desirable to have a third party entity that can support, centralize, coordinate and organize the provision of law enforcement Mutual Aid by and among Signatory Public Agencies to the law enforcement Mutual Aid agreement, and;

Whereas, this LEMAA is made in recognition of the fact that natural or man-made occurrences may result in Emergencies or Disasters that exceed the resources, equipment and/or Law Enforcement Personnel of a given Public Agency; each Public Agency which signs a copy of this LEMAA intends to aid and assist the other participating Public Agencies during an Emergency or Disaster by temporarily assigning some of the Responding Public Agency's resources, equipment and/or law enforcement personnel to the Requesting Public Agency as circumstances permit and in accordance with the terms of this LEMAA; the specific intent of this LEMAA being to safeguard the lives, persons and property of citizens of the State of Illinois during an Emergency or Disaster by enabling other Public Agencies to provide additional resources, equipment and/or Law Enforcement Personnel as needed, and;

Whereas, since approximately 2002, there has existed in the State of Illinois an Illinois Law Enforcement Alarm System law enforcement Mutual Aid agreement (“Prior Mutual Aid Agreement”) which was initially executed by a multitude of signatory parties in the wake of the events of the 911 terrorist attacks and (even though the needs of law enforcement have changed, grown and advanced in various regards) the Prior Mutual Aid Agreement has never been updated, modified or changed since its inception, it is now the desire of the Signatory Public Agency to this LEMAA to enhance and reaffirm its commitment to law enforcement Mutual Aid in the State of Illinois while providing more particularity to the relationship that exists between each of the Signatory Public Agencies to this LEMAA and the third party agency, the Illinois Law Enforcement Alarm System, created by such Signatory Public Agencies,

Now, therefore, the undersigned Public Agency, does hereby enter into this LEMAA with each and every other Public Agency which signs a counterpart copy of this LEMAA and agrees and contracts as follows:

**1. Definitions.** The following definitions apply to this Mutual Aid Agreement (the plural version of any defined term meaning two or more instances of the defined term):

a. Disaster – An occurrence, or the reasonable threat or possibility of an occurrence of, any of the following: widespread or severe damage; injury or loss of life or property resulting from any natural or technological cause, including but not limited to, fire, flood, earthquake, windstorm, tornado, hurricane, severe inclement weather, hazardous materials spill or other water or ground contamination requiring prompt action to avert danger or damage; epidemics, contaminations, blight, extended periods of severe and inclement weather, drought, infestation and critical shortages of essential products, fuels and energy; explosion; riot; significant or large scale civil insurrection or disobedience; hostile military or paramilitary action, or; acts of domestic terrorism.

b. Emergency – A natural or man-made situation that threatens to cause, or causes, loss of life and/or property and exceeds the physical and/or organizational response capabilities of a unit of local, state or federal government.

c. Illinois Law Enforcement Alarm System (or the abbreviation “ILEAS”) – the third party Public Agency formed by Signatory Public Agencies to this LEMAA, or continued from the Prior Mutual Aid Agreement, to promote and facilitate law enforcement Mutual Aid in the State of Illinois, and;

d. Initial Governing Board – The first Governing Board of ILEAS established after two or more Public Agencies enter into this LEMAA.

e. Law Enforcement Personnel – An employee of a Signatory Public Agency to this LEMAA who is a law enforcement officer, county corrections officer or court security officer, as defined in Section 2 of the Illinois Police Training Act (50 ILCS 705/2).

f. LEMAA – This agreement.

g. Mutual Aid – Assistance provided by a Public Agency to another Public Agency pursuant to a definite and prearranged written agreement in the event of an Emergency or Disaster.

h. Prior Mutual Aid Agreement – a certain Mutual Aid Agreement having initial signatories in 2002 (with other signatory parties beginning their participation at a time later than the initial signatory parties) and which reflects a document modification date of “October 23, 2002” in the footer of the signature page (page 5).

i. Prior Signatory Public Agency – A Public Agency which executed the Prior Mutual Aid Agreement and has neither terminated its participation in the Prior Mutual Aid Agreement nor entered into this LEMAA.

i. Public Agency – Such units of government as are defined as a public agency by the Illinois Intergovernmental Cooperation Act (5 ILCS 220/2(1)).

j. Requesting Public Agency – A Signatory Public Agency to this LEMAA that has primary jurisdiction over the site of an Emergency or Disaster which, due to its perceived insufficient resources, equipment and/or Law Enforcement Personnel, would be unable to provide an adequate response to an Emergency or Disaster without the assistance of others.

k. Responding Public Agency – A Signatory Public Agency to this LEMAA that provides resources, equipment and/or Law Enforcement Personnel to a Requesting Public Agency during an Emergency or Disaster.

l. Signatory Public Agency – a Public Agency that has executed this LEMAA by signature of an authorized individual for the Public Agency under the authority of the Constitution of the State of Illinois (Ill. Const. Art. VII, § 10), the Illinois Intergovernmental Cooperation Act (5 ILCS 220/1 *et seq.*) and the final approval required of the Public Agency in order to execute the LEMAA.

## **2. Agreement to Participate in Law Enforcement Mutual Aid.**

The Signatory Public Agency to this LEMAA agrees that, in the event of an Emergency or Disaster, it will respond to requests for assistance by a Requesting Public Agency with such Law Enforcement Personnel, equipment, resources, facilities, or services as are, in the opinion of the Responding Public Agency,

available and useful and being requested by a Requesting Public Agency. Possible responses shall include, but not be limited to, merely being on “stand by,” providing the benefit of prior experience or consultation and/or actual “hands-on” participation in law enforcement activities in the jurisdiction of the Requesting Public Agency any one of which may also entail the provision of equipment, resources, facilities or other services. Provided, however, that each Responding Public Agency reserves the right to refuse to render assistance or to recall any or all rendered assistance, whenever it believes that such refusal or recall is necessary to ensure adequate protection of its own jurisdiction’s property, citizenry or personnel.

It is expected that requests for Mutual Aid under this Agreement will be initiated only when the needs of the Requesting Public Agency exceed its resources. Responding Public Agencies’ resources will be released and returned to their own respective jurisdictions by the Requesting Public Agency as soon as the situation is restored to the point where the Requesting Public Agency is able to satisfactorily handle the emergency or disaster with its own resources or when a Responding Public Agency decides to recall its assistance.

Whenever an Emergency or Disaster is of such magnitude and consequence that it is deemed advisable by the highest-ranking officer present of the Requesting Public Agency to request assistance from a Responding Public Agency, he is hereby authorized to do so under the terms of this LEMAA. The highest-ranking officer present of the Responding Public Agency is authorized to, and shall forthwith take, the following actions:

- Immediately determine what type of assistance is being requested.
- Immediately determine if the requested resources, equipment and/or Law Enforcement Personnel can be committed to the Requesting Public Agency.
- Immediately dispatch, in consultation and coordination with the ILEAS dispatcher, the resources, equipment and/or Law Enforcement Personnel that are available to the Requesting Public Agency.

At the Emergency or Disaster site, the highest-ranking officer of the Requesting Public Agency who is present shall assume full responsibility and command for operations at the scene. Law Enforcement Personnel from the Responding Public Agencies shall report to, and shall work under, the direction and supervision of the Requesting Public Agency. Provided, however, that at all times, the personnel of the Responding Public Agency shall remain employees of their own agency and shall adhere to the policies and procedures of their own employer. While working under the direction of the Requesting Public Agency, Law Enforcement Personnel shall only be required to respond to lawful orders.

All equipment provided or services performed under this LEMAA shall be provided without reimbursement to the Responding Public Agency from the Requesting Public Agency. Nothing contained herein shall prohibit a Responding Public Agency or ILEAS from seeking reimbursement or defrayment of any expenses it may have incurred in responding to a Mutual Aid request from other sources. The Requesting Public Agency agrees to cooperate with any effort to seek reimbursement or defrayment of Mutual Aid expenses on the part of Responding Public Agencies or ILEAS.

All Requesting Public Agencies, Responding Public Agencies and ILEAS are required to keep expense and accounting records to identify the costs and expenses of any Mutual Aid provided under this LEMAA.

Each Responding Public Agency shall assume sole responsibility for insuring or indemnifying its own employees, as provided by state, federal law and/or local ordinance, and for providing personnel benefits, including benefits that arise due to injury or death, to their own employees as required by state or federal law just as if the employee would have been working as an employee of the Responding Public Agency in its own home jurisdiction. Each Responding Public Agency shall also be responsible, regardless of fault, for replacing or repairing any damage to its own vehicles or equipment that occurs while providing assistance under this LEMAA.

The Requesting Public Agency agrees that this LEMAA shall not give rise to any liability or responsibility for the failure of any other Signatory Public Agency to respond to any request for assistance made pursuant to this LEMAA.

Each Responding Public Agency under this LEMAA further agrees that each Responding Public Agency will be responsible for defending itself in any action or dispute that arises in connection with, or as the result of, this LEMAA and that each Responding Public Agency will be responsible for bearing its own costs, damages, losses, expenses and attorney fees.

**3. The Illinois Law Enforcement Alarm System.** By agreement by and between each Signatory Public Agency to this LEMAA, there is and was formed and exists a third party Public Agency, created by the Signatory Public Agency parties to this LEMAA and by virtue of this LEMAA, which shall be known as the Illinois Law Enforcement Alarm System (hereinafter referred to as "ILEAS"). The following provisions apply to ILEAS:

- a. The Public Agency ILEAS shall have a governing board, consistent with the meaning of the phrase "governing board" in 5 ILCS 220/2(1), which shall be known as the "Governing Board."
  1. Governing Board Composition and Voting. The Governing Board of ILEAS shall consist of the following individual

members, described as follows:

- (a). Members of the Initial Governing Board – The individuals designated on Exhibit A will be members of the Initial Governing Board of ILEAS and shall serve until such time as their successors are elected or appointed, as the case may be.
- (b). Composition of the Governing Boards of ILEAS after the Initial Governing Board members have served their term shall be as follows, who shall serve until such time as their successors are elected or appointed, as the case may be:
  - 16 elected members representing eight (8) established ILEAS regions – there shall be one elected Sheriff member and one elected Chief of Police member from each of the eight (8) established ILEAS regions and the elected Sheriff member and the elected Chief of Police member shall be designated as the “Co-Chairs” from that region;
  - a permanent, non-elective Governing Board membership for the Illinois State Police Director or the Director’s designee,
  - a permanent, non-elective Governing Board membership for the President of the Illinois Association of Chiefs of Police or that President’s designee,
  - a permanent, non-elective Governing Board membership for the President of the Illinois Sheriff’s Association or that President’s designee.
  - two permanent, non-elective Governing Board memberships for the City of Chicago, Illinois or those persons designated by the Superintendent of Police, Chicago, Illinois.

Subject to the foregoing provisions of this subparagraph (b), no Public Agency shall be permitted to designate (as a candidate for election or appointment) a Governing Board Member unless that

Public Agency is a Signatory Public Agency and every Governing Board Member must be affiliated by employment with, or relation to, a Signatory Public Agency.

The President of ILEAS, with the advice and consent of the Governing Board of ILEAS, may appoint any number of *Ex-Officio* Governing Board consultants for the benefit of obtaining their counsel and advice but such individuals, if any, as are appointed to *Ex-Officio* Governing Board consultant positions shall not have any voting rights on matters to be decided by the Governing Board and, relative to the Board, are not agents or servants of the Governing Board, ILEAS or any Signatory Public Agency.

- (c). Members of Governing Boards of ILEAS after the Initial Governing Board – For purposes of determining the elected members of the Governing Board after the Initial Governing Board, the State of Illinois shall be divided into eight (8) regions which are shown on Exhibit B hereto. Any Signatory Public Agency to this LEMAA may nominate any one or more eligible individuals from its region as a candidate for Governing Board membership, including an individual employed by the Signatory Public Agency. Only Signatory Public Agencies to this LEMAA may vote for representatives to be elected from their region. Each Signatory Public Agency to this LEMAA gets one vote for an elected Sheriff member and one vote for an elected Chief of Police member from its region. Starting in 2015, the election of Governing Board members shall occur every two years in March of the year on a date to be determined by the Governing Board members in office in the October prior to the date of the election. Should a given Governing Board member vote result in a tie between candidates, the two or more candidates with the same highest number of votes shall participate in a “coin toss” selection process to determine who shall fill that Governing Board member position.
- (d). In the event that an elected Governing Board member dies, retires, resigns, is no longer employed by his employer in the same capacity as at the time of his

election or is otherwise unwilling or unable to serve the balance of that member's term, then a replacement Governing Board member from the same region as the Governing Board member being replaced shall be chosen by the remaining Governing Board member from that Region and shall serve until the next Governing Board member vote. If both Governing Board members from a given Region are no longer in office at the same time, then, by majority vote of the remaining Governing Board members still holding office, two replacements shall be chosen from that same Region (in individual, separate votes) and shall serve until the next Governing Board member vote. The replacement Governing Board member shall be a Sheriff if a Sheriff is being replaced and shall be a Chief of Police if a Chief of Police is being replaced.

- (e) Matters before the Governing Board for decision shall be decided by majority vote of a quorum of the voting members. A quorum for the conducting of the business of the Governing Board shall be established by the Bylaws promulgated by the Governing Board. Nothing contained herein shall prohibit the establishment of committees or subcommittees of the whole for the conduct of business as expressed in the Bylaws promulgated by the Governing Board.
2. Governing Board to Promulgate a Plan of Operation. The Governing Board shall cause to be promulgated a Plan of Operation for the giving and receiving of Mutual Aid under the provisions of the LEMAA and shall promulgate Bylaws for the management of ILEAS. Both the Plan of Operation and Bylaws may be modified from time to time based upon the majority vote of the then current members of the Governing Board.
  3. Governing Board Compensation. All officers, members and *ex-officio* members of the Governing Board shall serve without compensation.
  4. Regional Governing Boards. In each of the Regions, in addition to the co-chairs for that region, there may be elected a secretary, treasurer and sergeant at arms for that Region as well as any number of *ex-officio* members as that Region

desires.

- b. The Public Agency ILEAS shall have a President, Vice President, Secretary, Treasurer and Sergeant at Arms who shall be appointed by and from the Governing Board of ILEAS, at its discretion. The officers shall have the duties, responsibilities and powers accorded to them by the Bylaws of ILEAS as the Bylaws are established and may be amended from time to time by the Governing Board.
- c. The Public Agency ILEAS shall have an Executive Director, appointed by the Governing Board at its discretion, who shall be the chief operating officer of ILEAS and who shall have the duties, responsibilities and powers accorded to the Executive Director by the Bylaws of ILEAS as the Bylaws are established and may be amended from time to time by the Governing Board.
- d. The Public Agency ILEAS shall have the authority, right and power to:
  1. coordinate law enforcement Mutual Aid responses by and among Signatory Public Agencies to this LEMAA and act as a central receiving point for Mutual Aid requests;
  2. solicit and receive commitments from Signatory Public Agencies to respond to a Mutual Aid request and coordinate and provide support for any legal documentation necessary or desirable to effectuate the provision of law enforcement Mutual Aid;
  3. maintain an electronic mutual aid database to which all Signatory Public Agencies provide information related to each respective Signatory Public Agency's manpower, resources and equipment necessary to respond to a Mutual Aid request and to which all Signatory Public Agencies have access;
  4. identify through the mutual aid database individuals from Signatory Public Agencies with the ability, training and qualifications suitable for Mutual Aid responses, together with the necessary equipment and other resources as requested by the Requesting Public Agency;
  5. coordinate and provide a facility for training exercises and education;
  6. solicit, obtain and administer funds for the operations and functions of ILEAS and the provision of law enforcement

Mutual Aid in the form of grants, donations, endowments or allocations of funds from other governmental agencies or other sources (but not from the issuance of any debt obligations), to assess Board-approved dues on Signatory Public Agencies and to obtain reimbursement, payment, advances or funds from any governmental entity or agency which provides, allocates or administers funds to defray, pay or reimburse the expenses of those entities participating in Mutual Aid efforts;

7. provide accounting, budgeting, estimation, documentation, archival and general administrative support for law enforcement Mutual Aid deployments (actual, planned, proposed or contemplated) and the general operations of ILEAS;
8. obtain indemnity, casualty, liability and worker's compensation insurance for the operations of ILEAS in amounts and under terms deemed appropriate by the Governing Board;
9. employ support personnel to perform the functions and operations of ILEAS;
10. enter into contracts, agreements, purchase agreements and leases necessary to the functions and operations of ILEAS;
11. provide and display identification, signage, insignias, patches or other indicia which identify ILEAS employees and agents if and when such employees and/or agents are on site to coordinate or facilitate disaster and/or emergency relief performed by various Responding Public Agencies;
12. to own, hold, supply, borrow or lend, in ILEAS' name, such personal property as deemed necessary by the Governing Board to the purposes, functions and operations of ILEAS;
13. facilitate, enhance or enable interagency communication relative to the provision of Mutual Aid;
14. provide to Signatory Public Agencies to this LEMAA such information as is useful to them relative to what resources are available from ILEAS or other Signatory Public Agencies to this LEMAA ;
15. maintain a listing or database of available equipment, available animals and alleged independent contractor

experts in various fields that would serve as a resource to ILEAS and any Signatory Public Agency to this LEMAA which listing would be made available to such Signatory Public Agencies with the understanding on the part of the requesting Signatory Public Agency that ILEAS:

- (a) does not represent, provide, recommend or warrant to any Signatory Public Agency the appropriateness, integrity, quality, or qualifications of any listed resource, equipment or animal for a given use (such determination to be made solely by the requesting Signatory Public Agency), and;
  - (b) does not furnish, employ, provide, retain or have as its agent, any alleged expert whose contact information is provided to the Signatory Public Agency, such alleged expert being solely an independent contractor and, further, does not represent, recommend or warrant to any Signatory Public Agency the appropriateness, integrity, training, quality or qualifications of any alleged expert (such determinations to be made solely by the requesting Signatory Public Agency), and;
  - (c) relative to any animal, does not represent, recommend or warrant to any Signatory Public Agency the appropriateness, training, behavioral characteristics, quality or qualifications of any animal for a given use (such determination to be made solely by the requesting Signatory Public Agency).
16. engage in such other activities as support, enhance or enable Mutual Aid by and between the Signatory Public Agencies to this LEMAA.
- e. It is not the function, responsibility or purpose of ILEAS to warrant or endorse the sufficiency or talents of, deploy, supply, direct, command or manage any Law Enforcement Personnel responding to Mutual Aid requests under this LEMAA. Any Law Enforcement Personnel responding to a law enforcement Mutual Aid request under this LEMAA shall be Law Enforcement Personnel of a Responding Public Agency (and not of ILEAS) and shall take their orders from commanding officers of either the requesting Public Agency or the Responding Public Agency, as otherwise detailed in this LEMAA. In general, ILEAS' function in a Mutual Aid deployment is to receive the Mutual Aid request, identify and contact

appropriate potential responding Signatory Public Agency responders, obtain commitments from such potential Signatory Public Agency responders that they will respond to the Mutual Aid request, identify those Signatory Public Agencies who will respond to the Mutual Aid request of the Requesting Public Agency, provide ILEAS' expertise, services and experience relative to issues associated with Mutual Aid deployments and continue to monitor the adequacy of the Mutual Aid response to be able to respond if the Requesting Public Agency determines more assistance is needed and review the sufficiency of the Mutual Aid response that was made. ILEAS may, in its discretion, establish an on site presence at the Mutual Aid site when the Requesting Public Agency or the Responding Public Agencies believe such presence is useful to the purposes and functions of ILEAS and/or the Requesting Public Agency or the Responding Public Agencies.

#### **4. Additional Signatory Public Agency Provisions**

- a. Each Signatory Public Agency to this LEMAA agrees to maintain liability insurance with a Best's rated A- or better insurance company or a self insurance trust fund in the face or indemnity amount of at least one million dollars (\$1,000,000.00) which would provide, *inter alia*, liability coverage for any activities in which the Signatory Public Agency to this LEMAA might engage under this LEMAA.
- b. Each Signatory Public Agency to this LEMAA agrees to provide to ILEAS information about the equipment, resources and personnel of its Public Agency, jurisdictional and regional demographic information, contact information, National Incident Management Systems information and Reception Site Staging information which may be used by ILEAS to aid in ILEAS' support role under this LEMAA. The Executive Director of ILEAS shall prepare a document, which will be amended from time to time, which requests the information desired and send it to each Signatory Public Agency for completion and update. Each Signatory Public Agency to this LEMAA agrees that ILEAS may distribute any information obtained by the Executive Director to any other Signatory Public Agency to this LEMAA who may request such information for Mutual Aid purposes.
- c. Each Signatory Public Agency to this LEMAA agrees that it will not hold itself out as an agent of ILEAS or any Public Agency other than itself and will instruct each of its employees that they are not to hold themselves out as employees or agents of ILEAS or any

Public Agency other than the one as to which they are actually agents or employees. Further, each Signatory Public Agency to this LEMAA agrees to monitor the activities of its agents and employees to maintain compliance with this provision of the LEMAA.

- d. Each Signatory Public Agency to this LEMAA understands that, under the Constitution of the State of Illinois (Ill. Const. Art. VII, §10) and the Illinois Intergovernmental Cooperation Act (5 ILCS 220/1 *et seq.*), ILEAS may only be delegated authority, abilities and powers that the Signatory Public Agency to this LEMAA has itself. To the extent that a Signatory Public Agency to this LEMAA does not have legal authority to participate in cooperative law enforcement mutual aid, this LEMAA is void and of no effect relative to such Signatory Public Agency.
- e. It is the intent of each Signatory Public Agency to this LEMAA that ILEAS be created with all the powers enumerated herein and without further restrictions on those powers. Therefore, each Signatory Public Agency agrees that, if that Signatory Public Agency is determined to not have the authority or powers that are coextensive with those granted to ILEAS in this LEMAA or it is determined that the Signatory Public Agency is limited in the exercise of its authority or its powers to a greater extent than ILEAS is limited by this LEMAA, rather than limiting the powers of ILEAS, that finding will cause the Signatory Public Agency's participation in the creation of ILEAS to be void *ab initio* and Section 3 of this LEMAA shall not apply to such a Signatory Public Agency. Such a finding will not, however, invalidate the Signatory Public Agency's adoption of this LEMAA for purposes of providing and receiving law enforcement Mutual Aid.
- f. Each Signatory Public Agency to this LEMAA warrants that:
  1. It is a Public Agency under the laws of the State of Illinois.
  2. It is authorized by the legal process and laws applicable to that Public Agency that it has the full authority and right to enter into this LEMAA.
  3. To the extent that it is called upon to provide Law Enforcement Personnel as a Responding Public Agency, the Law Enforcement Personnel the Signatory Public Agency to this LEMAA provides have been properly credentialed by the Illinois Law Enforcement Training Standards Board to be a law enforcement officer, county corrections officer or court security officer in the State of Illinois and have been trained

relative to the types of tasks that the Law Enforcement Personnel will be undertaking relative to the mutual aid request.

4. To the extent that it is called upon to provide equipment as a Responding Public Agency, the equipment the Signatory Public Agency to this LEMAA provides is in good working order with no known defects, problems, faults or limitations that would make its use dangerous or impractical.

## **5. Termination of Participation in LEMAA**

- a. Any Signatory Public Agency to this LEMAA has the right to terminate its participation in this LEMAA upon ninety (90) days notice to ILEAS. ILEAS shall notify remaining Signatory Public Agency parties to the LEMAA of the notice of termination.
- b. To the extent that a Signatory Public Agency incurs an obligation under this LEMAA prior to the expiration of the ninety (90) day notice of termination period, nothing contained in this section shall be interpreted to mean that that Signatory Public Agency should not meet its obligation under this LEMAA. Termination is automatically effective upon the expiration of the ninety (90) day period without further action by any party.

## **6. Non-Member Affiliates**

- a. Definition of Status – A non-member affiliate of ILEAS is an incorporeal entity, which is not a public agency, but which has been vested with police powers by the State of Illinois, and which:
  1. would be eligible to request or provide law enforcement mutual aid, and;
  2. has agreed with ILEAS, under the provisions of this LEMAA, to be a non-member affiliate and abide by the provisions of this Agreement applicable to a non-member affiliates.
- b. Purpose of Non-Member Affiliate Status – While only Public Agencies may enter into this LEMAA and form ILEAS, there exists value to the public agencies forming ILEAS in having non-member affiliates to provide counsel, advice, experience and different points of view with respect to the problems and issues confronted and addressed by the Public Agencies which have formed ILEAS. As well, as situations sometimes call for coordination with entities with

police power which are not Public Agencies, advance cooperation, planning, coordination and sharing with such entities remains valuable to the Signatory Public Agencies forming ILEAS. As well, in situations of emergency or disaster and to the extent permitted by law, law enforcement services may be provided or given by non-member affiliates under agreements approved by the Governing Board of ILEAS.

- c. Participation by Non-Member Affiliate – A non-member affiliate becomes or remains a non-member affiliate at the sole discretion and pleasure of the Governing Board of ILEAS.
- A non-member affiliate may:
    1. send its law enforcement officers to participate in ILEAS-organized training and educational events upon terms and conditions determined by ILEAS;
    2. have its representative agent serve, at the discretion of the President of ILEAS and with the advice and consent of the Governing Board of ILEAS, as an *ex-officio* Governing Board Consultant;
    3. at the discretion of ILEAS, provide advice and counsel to ILEAS relative to a mutual aid situation.
    4. to the extent permitted by law:
      - (a) and under terms and conditions to be determined by the Governing Board of ILEAS, enter into agreements permitting peace officers of a non-member affiliate to provide law enforcement services, in an emergency or disaster, to Signatory Public Agencies and utilize ILEAS coordination services.
      - (b) and under terms and conditions to be determined by the Governing Board of ILEAS, enter into agreements permitting Signatory Public Agencies to provide law enforcement services, in an emergency or disaster, to the non-member affiliate and utilize ILEAS coordination services.
  - A non-member affiliate, or its representative(s) may not:
    1. represent to any third party or the public at large that it is a “member” of ILEAS or a Signatory Public Agency of ILEAS;

2. bind ILEAS, or any of the Signatory Public Agencies to this LEMAA, to any form of an agreement of any sort or kind;
  3. disclose to any third party or the public at large:
    - (a) the discussions to which its representatives may be privy at any Governing Board meeting,
    - (b) any documents, strategems or other planning activities associated with the business or activities of ILEAS or its Signatory Public Agencies,
    - (c) any information deemed by ILEAS or its Signatory Public Agencies as confidential in nature, with the presumption that, if the information was learned at any meeting or assemblage of ILEAS Directors, Officers or Signatory Party representatives, the information should be deemed confidential.
- A non-member affiliate shall:
    1. to the extent that it participates in ILEAS events, maintain liability insurance with a Best's rated A- or better insurance company or a self insurance trust fund in the face or indemnity amount of at least one million dollars (\$1,000,000.00) which would provide, *inter alia*, liability coverage for any activities in which the non-member affiliate might engage.
    2. advise any individual, who will be representing the non-member affiliate, of the terms and conditions of non-member affiliate status and direct that individual to act consistently with those terms and conditions.
    3. to the extent determined by the Governing Board of ILEAS, pay appropriate dues for a non-member affiliate.
  - d. Evidence of Participation as Non-Member Affiliate – Upon the endorsement of approval by the President of ILEAS' Governing Board of an application for non-member affiliate status, the incorporeal entity applying for non-member affiliate with ILEAS shall become a non-member affiliate with ILEAS.
    1. The granting of non-member affiliate status with ILEAS may be revoked at any time and for such reasons as the Governing Board sees fit in its sole discretion and choice.

2. Nothing associated with the granting of a status as a non-member affiliate shall be deemed to create a partnership, joint venture, or any other legal combination of entities, including but not limited to, any principal/agent status by or between the non-member affiliate and either ILEAS or a Signatory Public Agency.

## **7. Additional Provisions**

- a. Application of Law and Venue Provisions - This LEMAA shall be governed by, and interpreted and construed under, the laws of the State of Illinois. The exclusive venue for the enforcement of the provisions of this Agreement or the construction or interpretation of this Agreement shall be in a state court in Springfield, Illinois.
- b. Compliance with Laws - All Signatory Public Agencies to this LEMAA agree to comply with all federal, state, county and local laws and ordinances as well as all applicable rules, regulations, and standards established by any agency of such governmental units, which are now or hereafter promulgated insofar as they relate to the Signatory Public Agencies' respective performances of the provisions of this LEMAA.
- c. Lack of Waiver - Acceptance of partial performance or continued performance after breach of this LEMAA shall not be construed to be a waiver of any such breach.
- d. Status of a Signatory Public Agency – Nothing contained within this LEMAA shall be deemed to create, or be interpreted to intend to create, a joint venture, partnership or any other sort of legal association or combination of entities as between the Signatory Public Agencies to this LEMAA or as between ILEAS and any Signatory Public Agency to this LEMAA. Each Signatory Public Agency to this LEMAA is acting in its own individual capacity and not as the agent of any other Public Agency which is created by this or any other counterpart copy of this LEMAA or which is a Signatory Public Agency to this LEMAA.
- e. Involuntary Termination of Participation in ILEAS – Under terms and conditions established by the Board of Governors of ILEAS, a Signatory Public Agency may have its participation in this LEMAA involuntarily terminated. The terms and conditions shall describe those situations where such involuntary termination may occur and

the process to be followed to make the determination as to whether involuntary termination shall occur.

- f. Immunities - With respect to ILEAS and each and every Signatory Public Agency to this LEMAA, becoming a Signatory Public Agency to this LEMAA or performance under the terms of this LEMAA shall not be deemed to waive any governmental immunity or defense to which the Signatory Public Agency or ILEAS would otherwise be entitled under statute or common law in the absence of this LEMAA.
- g. No Third Party Beneficiary -This LEMAA is not intended nor expected to confer upon or entitle any person or entity, other than ILEAS and the Signatory Public Agencies to this LEMAA, any information, benefits, advantages, rights or remedies. It is expressly understood and agreed that enforcement of the terms and conditions of this LEMAA, and all rights of action relating to such enforcement, shall be strictly reserved to ILEAS and the Signatory Public Agencies to this LEMAA and nothing contained in this LEMAA shall give or allow any claim or right of action by any other or third person or entity (including, but not limited to, members of the general public) based on this LEMAA. It is the express intention of ILEAS and the Signatory Public Agencies to this LEMAA that any person or entity (other than ILEAS and the Signatory Public Agencies to this LEMAA) who may be deemed to receive services or benefits under this LEMAA shall be deemed to be only an incidental beneficiary to this LEMAA.
- h. Paragraph Headings - The captions and headings used in this LEMAA are only for convenience of reference and the organization of this LEMAA and shall not be construed as expanding, defining or limiting the terms and provisions in this LEMAA.
- i. Severability - If any part, term, or provision of this LEMAA is held by the courts to be invalid, unenforceable, contrary to law or in conflict with any of the laws of the State of Illinois, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the Parties to this LEMAA shall be construed and enforced as if the LEMAA did not contain the particular part, term, or provision held to be invalid, unenforceable, contrary to law or in conflict with any law of the State of Illinois.

- j. Parol Evidence and Prior Mutual Aid Agreements - This LEMAA constitutes the entire agreement between the Signatory Public Agencies concerning this LEMAA's subject matter, whether or not written, and may not be modified except as otherwise provided herein.
- As between Signatory Public Agencies, this LEMAA supersedes, in its entirety, the Prior Mutual Aid Agreement concerning its subject matter.
  - As between Signatory Public Agencies to this LEMAA and Prior Signatory Public Agencies who have not executed this LEMAA, this LEMAA does not supersede the Prior Mutual Aid Agreement.
  - Nothing contained herein shall be deemed to affect other Mutual Aid agreements that a Signatory Public Agency to this LEMAA may have executed.
- k. Amendments – As it may be desirable, from time to time, to amend this LEMAA, this subsection shall govern that process. In the event that one or more signatory public agencies wishes to propose an amendment to this LEMAA, such signatory public agency(ies) shall communicate the proposed amendment to the Governing Board in the form of a resolution as to which there can be a vote for the resolution or against the resolution. No resolution may come to a vote unless at least ten (10) then-current signatory public agencies (including the signatory public agency(ies) proposing the amendment) endorse their written desire to have a vote on the resolution. In not less than 30 days nor more than 180 days after receipt of the proposed amendment with the requisite minimum of ten (10) endorsements, the Board shall communicate the proposed amendment to all then-current signatory public agencies to the LEMAA together with the date and time by which the signatory public agency must cast its vote for or against the resolution. Each then-current signatory public agency is entitled to one vote. The vote of the signatory public agency should be sent to whomever is the Executive Director at the time of the cutoff for receipt of the votes and such votes may be sent by letter, fax or email but may not be communicated orally (in person or by telephone). The sender assumes all risk that the communication of the vote will not be received in time so early voting is encouraged. The cutoff date and time for the vote to be received by the Executive Director must

not be sooner than fourteen 14 days after the Board has sent out its communication that an amendment has been proposed. The Executive Director shall be the sole individual to determine if the vote was received in a timely fashion in order to be counted and all votes shall be tallied within one day after the date when the voting was terminated. The resolution shall carry if the votes in favor of the amendment constitute greater than fifty percent (50%) of the total votes cast and shall fail if the votes against the amendment constitute less than or equal to fifty percent (50%) of the total votes cast. If the resolution carries, unless the resolution, by its terms, provides for a later date when it would be effective, the amendment is effective upon the determination by vote tally that the resolution carried. As soon as reasonably possible after the results of the voting have been determined, the Executive Director shall communicate the results of the voting to all then-current signatory public agencies.

- I. Notices - Notices concerning the withdrawal of a Signatory Public Agency from the terms and conditions of this LEMAA under Section 5 of this LEMAA shall be made to ILEAS at 1701 E. Main St., Urbana, Illinois 61802. Notice of any alleged or actual violations of the terms or conditions of this LEMAA shall be made to ILEAS at 1701 E. Main St., Urbana, Illinois 61802 and each other Signatory Public Agency to this LEMAA who is alleged to have committed the alleged or actual violation of the terms or conditions of this LEMAA.
- m. Counterparts - This LEMAA may be, and is anticipated to be, executed in counterparts, each of which shall be deemed to be an original of this LEMAA.

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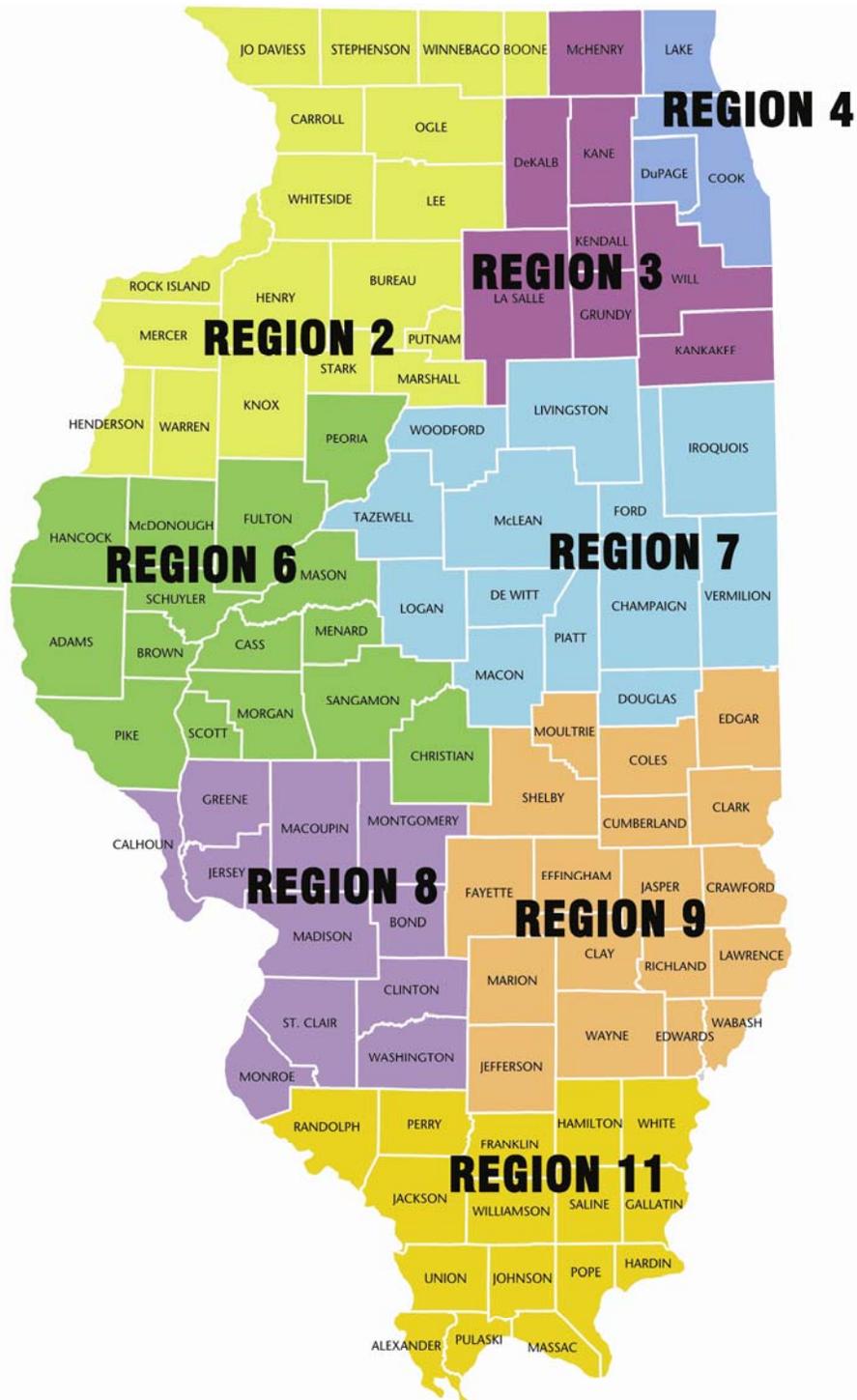


**Exhibit A**

- William Smith, Captain, Illinois State Police
- Wayne Gulliford, Deputy Chief, Chicago Police Dept
- Steve Georgas, Deputy Chief, Chicago Police Dept
- Eric Smith, Chief of Police, Sherman, Illinois
- Tom Schneider, Sheriff, Macon County, Illinois
- David Snyders, Sheriff, Stephenson County, Illinois
- Victor Moreno, Chief of Police, East Moline, Illinois
- Thomas Roman, Chief of Police, Waubensee Community College
- Roger Scott, Sheriff, DeKalb County, Illinois
- Steve Neubauer, Chief of Police, Tinley Park, Illinois
- John Zaruba, Sheriff, DuPage County, Illinois
- Mike McCoy, Sheriff, Peoria County, Illinois
- Brian Fengel, Chief of Police, Bartonville, Illinois
- Don Volk, Chief of Police, Washington, Illinois
- Derek Hagen, Sheriff, Iroquois County, Illinois
- Richard Miller, Chief of Police, Granite City, Illinois
- Jim Vazzi, Sheriff, Montgomery County, Illinois
- Andrew Hires, Sheriff, Richland County, Illinois
- Bill Ackman, Chief of Police, Robinson, Illinois
- Jody O'Guinn, Chief of Police, Carbondale, Illinois
- Keith Brown, Sheriff, Saline County, Illinois

or their respective successors per this LEMAA

**Exhibit B**



**ILEAS Brochure**

**The Path Forward**

# THE PATH FORWARD



## WHAT DOES MEMBERSHIP IN ILEAS OFFER TO LOCAL LAW ENFORCEMENT AGENCIES?

ILEAS is the largest and most effective law enforcement mutual aid organization in the United States. Over 900 counties, cities and other units of local government have joined ILEAS. ILEAS member agencies employ over 95% of the law enforcement officers in Illinois. ILEAS' motto is "Strength Through Cooperation." Its continuing mission is to reduce costs and increase effectiveness of local law enforcement through the combining and sharing of resources and statewide coordination of mutual aid. ILEAS has been recognized by state and federal authorities as having one of the most robust law enforcement mutual aid capabilities in the United States.

## STATEWIDE MUTUAL AID

When joining ILEAS, every city, county or special district which has a law enforcement capability signs the same Law Enforcement Mutual Aid Agreement. This agreement 1) provides the capability to request or to deploy law enforcement resources both regionally and across the State of Illinois at no cost, and 2) creates the organization called ILEAS which coordinates those mutual aid requests 24 hours a day and 365 days a year. Examples include the historic Southern Illinois Flooding (2011), the tornadoes that struck Harrisburg (2012) and Washington (2013). Those affected Chiefs of Police and Sheriffs made one call to ILEAS which coordinated the response statewide. Dozens of local law enforcement officers responded to each of those calls for help – at no cost to the requesting agencies. If a disaster is declared and public assistance is authorized, ILEAS assists the responding and requesting agencies in applying for cost reimbursements from the State or Federal government. Additionally, the ILEAS mutual aid agreement provides a mutual understanding of liability with regard to insurance coverage and worker's compensation.

## SPECIALIZED TEAMS OF LOCAL OFFICERS AND DEPUTIES

ILEAS has also created regionalized, multi-jurisdictional specialized teams drawn from participating agencies which are capable of responding throughout the State when necessary. These teams include Special Response Teams (SRT) and Mobile Field Force (MFF) teams. The SRT teams are regionally based SWAT teams of 25 to 35 officers that have received hundreds of hours of Federally-approved training and are equipped with the highest quality equipment available. The SRT teams can provide basic SWAT services across the State and are also trained to manage tactical problems in a contaminated or potentially contaminated environment.

The Mobile Field Forces are also regionally based and each team consists of approximately 60 highly trained and equipped officers from participating

agencies who are specially trained to deal with civil unrest and crowd control while respecting everyone's First Amendment rights. The MFF teams are also trained to provide Law Enforcement Patrol Team services to provide long term police services after disasters strike. They are, in essence, a portable police department that can be moved anywhere in the State to assist stricken jurisdictions. ILEAS also provides funding for and supports nine local Bomb Teams in Illinois.

## DISASTER ASSISTANCE

When a disaster strikes requiring more law enforcement resources than your city, town, village or county has available, ILEAS will notify other member agencies in the region and coordinate as many officers and equipment requested. At least one ILEAS employee with years of law enforcement disaster management experience will be available to respond to provide planning support for the affected chief or sheriff. ILEAS will work with the Illinois State Police, the Illinois Emergency Management Agency and other state and regional agencies to ensure a coordinated response providing tools for the stricken agency to effectively and efficiently manage the situation. ILEAS does NOT take over or manage the incident. That responsibility and authority remains with the local law enforcement executives and civil authorities. ILEAS provides support, both in terms of resources and planning advice based on experience. Go to the ILEAS home page at [www.ileas.org](http://www.ileas.org) for video testimonials regarding previous responses to local disasters.

## ILEAS GOVERNANCE

As defined in the Illinois Intergovernmental Cooperation Act, ILEAS is a public agency which has representative oversight and a staff based in Urbana, Illinois. ILEAS has a 21-member Governing Board consisting of, 1) eight chiefs of Police and eight sheriffs elected by the member agencies based out of eight regions throughout the State, 2) representatives from the Illinois Association of Chiefs of Police and the Illinois Sheriffs' Association, 3) an appointee of the Director of the Illinois State Police and 4) two appointees from the Chicago Police Department. ILEAS is subject to the Open Meeting Act, the Freedom of Information Act, conducts annual independent financial audits and complies with other statutes governing public agencies. ILEAS receives its funding in the form of Federal Homeland Security Grants provided to ILEAS by the Illinois Emergency Management Agency. Members pay a very low annual dues based on the agency size. Most agencies dues equal the cost of one tank of gas for a squad car.

ILEAS is not a State agency. It is a separately-existing public agency that is formed by a consortium of public agencies which have come together by intergovernmental agreement for the mutual benefit of all of the signatory public agencies. ILEAS exists to provide operational support and services to local law enforcement by harnessing and cultivating the power of collaboration and cooperation!



## HISTORY OF ILEAS – HOW IT STARTED AND HOW IT GREW!

ILEAS is a consortium of over 900 local law enforcement public agencies established pursuant to the Constitution of the State of Illinois (Ill. Const. Art. VII, sec. 10), the Illinois Intergovernmental Cooperation Act (5 ILCS 220/1 et seq.), the Local Governmental and Governmental Employees Tort Immunity Act (745 ILCS 10/7-101 et seq.) and the Illinois Municipal Code (65 ILCS 5/11-1-2.1). ILEAS was created as a public agency when, after September 11<sup>th</sup>, the Illinois Association of Chiefs of Police, the Illinois Sheriffs' Association, the Chicago Police Department, the Illinois Emergency Management Agency and the Illinois State Police worked together to create a statewide law enforcement mutual aid organization.

ILEAS was based on the same mutual aid principles that governed the Mutual Aid Box Alarm System (MABAS) which is the statewide fire services mutual aid system. Based on decades long success of MABAS, ILEAS emulated MABAS' agreement and structure and expanded the concept statewide. In 2003, member agencies elected the first Governing Board. Local jurisdictions started adopting the mutual aid agreement and the first Governing Board was elected – ILEAS was in business!

## ESTABLISHING MUTUAL AID

ILEAS' first order of business was collecting a database of resources possessed by its member agencies and contracting with both Northwest Central Dispatch in Arlington Heights and Peoria Dispatch for dispatch support. ILEAS maintains the database which includes number of officers/deputies, squad cars, K-9 units, SWAT teams, translators, and mobile command posts. ILEAS makes this updated database available to the dispatch centers. When a member agency is in need, it simply calls the dispatch center and makes its resource requests. The dispatch agency queries the database to determine the closest agency with that resource. That agency is then called and a request is made for them to respond to aid the stricken jurisdiction.

ILEAS' first official request for mutual aid was the tornado in Utica on April 20, 2004. That activation was so successful that the word spread throughout Illinois and hundreds of agencies joined ILEAS. From that first successful mutual aid activation in Utica, ILEAS grew rapidly and is now capable of handling virtually any size of mutual aid requests, both in- and out-of-State. ILEAS coordinated the deployment of 287 officers to assist the Chicago Police during the NATO Summit in May of 2012, 150 officers and deputies to accompany State Troopers sent to Katrina in August of 2005 and 25 local officers accompanying the Illinois State Police to New Jersey after Super-Storm Sandy in November of 2012.

## IMPROVEMENTS ALONG THE WAY

While ILEAS has been operationally very successful, it is always looking for ways to improve. ILEAS has fine-tuned its special team training, exercising and deployment process. ILEAS engaged the services of retired experienced senior law enforcement commanders and executives to provide planning and operational support services in the field directly to member agencies. When funds are available, ILEAS has provided millions of dollars of equipment in the form of ruggedized laptops, radiation detectors, respirators and mobile command post vehicles. ILEAS represents the homeland security needs and interests of its members to the State Terrorism Task Force and to Federal agencies when necessary.

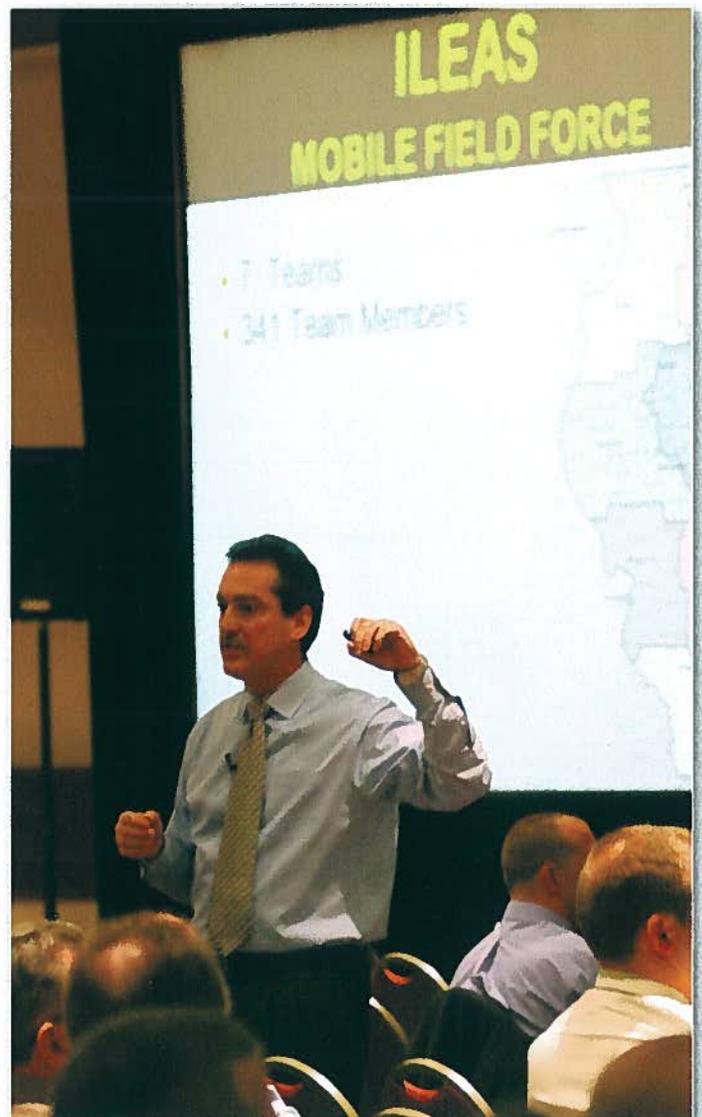
The original database on paper was moved online for a more efficient and flexible implementation. It can now be updated in seconds and made available to every agency for use in non-emergencies. In 2014, ILEAS will start the implementation of a modernization and expansion of its resource

database capabilities. More data will be gathered about each member agency so that a more focused response to a request for assistance can be made. At the requests of various sheriffs, ILEAS will collect information about correctional resources throughout the State so that sheriffs can reach out to ILEAS for correctional mutual aid in addition to general law enforcement.

## THE NEXT STEP

The law enforcement mutual aid agreement has remained a constant for the last ten years. ILEAS is no different than other vibrant and successful enterprises that are constantly looking for ways to improve and build on their success. ILEAS has undertaken a year-long examination of the mutual aid agreement and determined that it can build on success by implementing improvements to the agreement. Modifications have been identified that will offer more flexibility and provides a more robust description of ILEAS' mandate in order to protect ILEAS and its member agencies in an increasingly litigious society.

During this mutual aid agreement review, ILEAS sought advice from private counsel, General Counsel for the Governor of Illinois, General Counsel of the Illinois Emergency Management Agency and the Attorney General's Office. Based on that advice and discussion internally, the ILEAS Governing Board has authorized the implementation of a new updated Law Enforcement Mutual Aid Agreement to be implemented in 2014!





## COMPARING THE OLD AND NEW MUTUAL AID AGREEMENTS

Since 2003, there has been an ILEAS mutual aid agreement which was initially executed by a multitude of public agencies in the wake of the events of the September 11<sup>th</sup> terrorist attacks. The original mutual aid agreement has never been updated, modified or changed since its inception. The elected representatives of those agencies desire to enhance and reaffirm their commitment to law enforcement mutual aid while outlining more specifics with regard to the relationship that currently exists between each of the public agencies forming ILEAS as a public agency and ILEAS itself.

## SIMILARITIES BETWEEN THE CURRENT AND NEW AGREEMENTS

- Mutual aid is handled exactly the same
  - ✦ Agencies can request mutual aid assistance and receive it in the exact same fashion under the new agreement as it can pursuant the current agreement
  - ✦ The chief executive of the requesting agency is still in charge of any incident where mutual aid is rendered
- The Governing Board process is virtually identical
  - ✦ The Governing Board will still be based on elections of chiefs and sheriffs in the regions and with the appointed members from the Illinois State Police, Chicago Police and the Illinois Association of Chiefs of Police and the Illinois Sheriff's Association.
  - ✦ The current Governing Board stays in place until 2015 when regional elections take place.
- The ILEAS operation will not change
  - ✦ ILEAS will still employ staff to manage the mutual aid requests, special teams support, regional planning support, grant processing, etc.

## DIFFERENCES BETWEEN THE CURRENT AND NEW AGREEMENTS

- The clarity of intent that the signatory member public agencies agree to create ILEAS
  - ✦ The original agreement established the ILEAS Governing Board in one sentence. Pursuant to that, the Governing Board was created and adopted by-laws which guides its actions.
  - ✦ The new mutual aid agreement provides a very detailed and specific process for governance so that every agency signing the agreement understands the underpinnings of ILEAS, the nature of the organization, how ILEAS is governed and a clear description of the relationship of the parties executing and being formed by the agreement.
- The inclusion of the basic by-laws into the actual agreement
  - ✦ A significant portion of the new agreement sets out the process by which ILEAS is governed in a fashion that is consistent with the laws and regulations of the State of Illinois while adding clarity to the operations of ILEAS.
  - ✦ Working off the original agreement which was determined to be adequate but not ideally detailed in a fashion that promoted the adaptability and modern needs of ILEAS and those forming ILEAS, the Governing Board desires to have a set of processes which more specifically identifies how ILEAS works and recognizes the need of ILEAS to change as circumstances change.
- The establishment of an amendment process so that the agreement can be kept current without completely replacing it each time an improvement is necessary
  - ✦ The original agreement did not provide for an amendment process. If new laws or regulations require a change in the agreement, ILEAS would have to go through the entire process of implementing a new agreement by having all 900 members sign anew.

- ✦ The new agreement provides a process that amendments can be made by a vote of signatory public agencies instead of implementing an entirely new agreement
- Creating a smooth transition from the original agreement to the new agreement over a period of time
  - ✦ The new agreement is written in such a way that the current agreement and the new agreement can co-exist for a period of time to avoid operational disruption.
  - ✦ ILEAS' goal is to get every agency to sign onto the new agreement as soon as possible; but failure to sign the new agreement will not jeopardize an agency's ability to respond to or request mutual aid.
- More clearly defining the legal foundation of ILEAS and signatory public agencies' agreement:
  - ✦ As time passes and the legal environment changes, organizations need to constantly examine their foundational documents to ensure that they are compliant with current laws and court cases.
  - ✦ ILEAS is a unique organization that only has a handful of peer agencies in Illinois and it does not fit into common categories such as a unit of local government like a city or county. Because ILEAS is a public agency without the ability to levy a tax, a well-established foundation is necessary to ensure ILEAS is on solid legal footing in the future.
- Establishes a more specific minimum level of insurance coverage for participating agencies.
- Expands the definition of Law Enforcement Personnel to include Correctional Officers so that sheriffs can utilize the ILEAS mutual aid agreement to assist each other with jail emergencies

This new agreement establishes a smooth transition from the original agreement to the new agreement over a period of time. The new agreement is written in such a way that the current agreement and the new agreement can co-exist for a period of time to avoid operational disruption. ILEAS' goal is to get every agency to sign onto the new agreement as soon as possible; but a delay to sign the new agreement will not jeopardize an agency's ability to respond to or request mutual aid.



