

LEGAL NOTICE - MUST RUN IN
SOUTHTOWNSTAR
Friday August 9, 2013

LEGAL NOTICE

VILLAGE OF ORLAND PARK, ILLINOIS
ADVERTISEMENT FOR BIDS

Two (2) F550 Regular Cab 4wd, Cab and Chassis with Aftermarket Equipment

The Village of Orland Park, Illinois will **receive sealed bids until 11:00 A.M.** on the 23rd day of August, 2013 at the Office of the Village Clerk, 14700 S. Ravinia Ave., Orland Park, Illinois 60462, for Two (2) F550 Regular Cab 4wd, Cab and Chassis equipped with Aftermarket Equipment. All Bids received will be publicly opened and read aloud on said date and time at the Village Hall, 14700 Ravinia Avenue, Orland Park, Illinois, 60462, before the Village Manager or his designee.

The specifications are on file and available for inspection and copies will be available at the Office of the Village Clerk and online on the Village's website, www.orland-park.il.us.

No bid shall be withdrawn after the opening of the bid without the consent of the Village for a period of sixty (60) days after the scheduled time of opening and reading bids.

The President and Board of Trustees reserve the right to reject any and all bids or parts thereof and to waive any informalities, technicalities and irregularities in bidding and to disregard all non-conforming or conditional bids.

The successful bidder shall be required to comply with the provisions of all State of Illinois and federal laws as well as the State of Illinois Human Rights Act and the regulations of the Illinois Human Rights Commission.

By order of the President and Board of Trustees of the Village of Orland Park, Cook and Will Counties, Illinois.

PRESIDENT AND BOARD OF TRUSTEES
VILLAGE OF ORLAND PARK, ILLINOIS

BY: John C. Mehalek
VILLAGE CLERK



VILLAGE OF ORLAND PARK, ILLINOIS

INVITATION TO BID

Two (2) F550 Regular Cab 4wd, Cab and Chassis
equipped with Aftermarket Equipment

ISSUED

Friday, August 9, 2013

BID OPENING

Friday, August 23, 2013
11:00 a.m.

VILLAGE OF ORLAND PARK, ILLINOIS
Two (2) F550 Regular Cab 4wd, Cab & Chassis
INVITATION TO BID

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VILLAGE OF ORLAND PARK, ILLINOIS
Two (2) F550 Regular Cab 4wd, Cab & Chassis
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I. INSTRUCTIONS TO BIDDERS

OVERVIEW

The Village of Orland Park requests Bids for two (2) F550 Regular Cab 4wd, Cab and Chassis equipped with Aftermarket Equipment as listed in Section III, (“the Project”) for the Village of Orland Park, Illinois (“Village”). See the Bid Specifications prepared by the Village of Orland Park Public Works Department for details on the Project (“Specifications”).

In order to be responsive, SEALED BIDS must be signed and received by the Village of Orland Park in the Office of the Village Clerk, 14700 South Ravinia Avenue, Orland Park, Illinois 60462, **not later than 11:00 a.m., local prevailing time on Friday, August 23rd, 2013.** All sealed bids must be submitted to the Village Clerk’s Office, located at the above stated address. All sealed bids submitted properly will be opened publicly and read aloud immediately following the stated submission time for the Project which described in detail consists of the following:

Purchase Two (2), 2014 or current model F550 Regular Cab 4 wd, Cab and Chassis equipped with 8’ Dump Body, 9’ Snowplow, Tailgate Salt Spreader and other Aftermarket Equipment.

Oral, telephonic, telegraphic facsimile or electronically transmitted bids shall not be considered. No oral comments will be made to any Bidder as to the meaning of the Plans and Specifications or other contract documents. Requests for comments shall be made in writing. Contact Tom Morgan by fax at (708) 403-8798 if you have any technical questions on this project. Inquiries received in writing within seven (7) or more days prior to the bid opening will be given consideration and answers will be provided in writing to all potential bidders and will be available to the public. Bidders will not be relieved of obligations due to failure to examine or receive documents, visit the site or become familiar with conditions or facts of which the Bidder should have been aware and the Village will reject all claims related thereto.

Information (other than in the form of a written Addendum issued by the Village) from any officer, agent, or employee of the Village or any other person shall not affect the risks or obligations assumed by the bidder or relieve him from fulfilling any of the conditions and obligations set forth in the bid and other contract documents. Before the bids are opened, all modification or additions to the Specifications or General Provisions, or other bid documents will be made in the form of a written Addendum issued by the Village. The Village will send copies of any such Addendum not less than four (4) calendar days before bids are opened to those persons who have received bid packages and provided sufficient contact information. In the event of conflict with the original contract documents, addenda shall govern all other contract documents to the extent specified. Subsequent addenda shall govern over prior addenda only to the extent specified.

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The bidder shall be required to acknowledge receipt of the formal Addendum by signing the Addendum and including it with the bid quotation. Failure of a bidder to include a signed formal Addendum in its bid quotation shall deem its quotation non-responsive; provided, however, that the Village may waive this requirement in its best interest.

Any references in the Specifications to manufacturer's name, trade name, or catalog number (unless otherwise specified) is intended to be descriptive but not restrictive and only to indicate articles or materials that will be satisfactory. Bids on other makes will be considered, provided each bidder clearly states on the face of their bid exactly what is proposed to be furnished. Unless so stated in the bid, it shall be understood that the bidder intends to furnish the item specified and does not propose to furnish an "equal." The Village hereby reserves the right to approve as an equal, or to reject as not being an equal any article the bidder proposes to furnish which contains minor or major variations from specification requirements, but which may comply substantially therewith.

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Two (2) F550 Regular Cab 4wd, Cab & Chassis
INVITATION TO BID

BID SPECIFICATIONS FOR:

Two (2) F550 Regular Cab 4wd, Cab and Chassis with Aftermarket Equipment.

SCOPE OF WORK:

The Village of Orland Park, Illinois is requesting bids for the purchase of two (2), 2014 or current model F550 Regular Cab 4 wd, Cab and Chassis equipped with 8' Dump Body, 9' Snowplow, Tailgate Salt Spreader and other Aftermarket Equipment as listed in Section III. This truck and all aftermarket optional equipment shall be new, unused, and be of a current production model.

SPECIAL CONDITIONS:

These detailed specifications shall be construed as "minimum."

All integral parts and hardware not specifically mentioned in the scope of the specifications that are necessary to provide a complete working unit shall be furnished.

The bidder shall indicate whether the Cab and Chassis and Aftermarket Equipment that are being furnished comply or do not comply with each section of the specifications as written on the Bid Specifications Comply/Exception forms in Section III. The bidder shall explain the reason for each exception taken in each section. Failure to properly complete the bid specification form may result in the disqualification of the proposed bid.

The Village will inspect the completed vehicle at the time of delivery for compliance to the accepted specifications. The vehicle will be inspected for proper workmanship, including, but not limited to: painting, welding, wiring, and general fit and finish. This inspection shall be completed before the Village accepts the vehicle.

Bid Submission:

Please provide a total bid price and delivery time (days) from the date of order of the unit on the Bidders Summary Sheet located in Section II.

Provide the cost of two (2) F550 Regular Cab 4wd, Cab and Chassis with all Aftermarket Equipment priced as specified and the approximate time of delivery on the ADDITIONAL INFORMATION page in Section III.

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INVITATION TO BID

GENERAL PROVISIONS

Contract – The purchase order, bid documents and warranties shall serve as the contract between the successful bidder and the Village.

This contract will expire upon completion, inspection, acceptance, and final payment for the work/goods/services performed. Certain provisions of the Contract shall survive the expiration or termination of the Contract.

Payments – Payment terms shall be pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*) after receipt by the Village of Contractor's Dated Invoice for the amount being requested. Invoices should include the following information:

- Name and address of contractor
- Purchase order number
- Dates of service
- Current invoice amount

Assignment – Successful bidder shall not assign the work of this Project without the prior written approval of the Village.

Compliance with Laws – The bidder shall at all times observe and comply with all laws, ordinances and regulations of the federal, state, local and Village governments, which may in any manner affect the preparation of bids or the performance of the Contract.

Bidder hereby agrees that it will comply with all requirements of the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., including the provision dealing with sexual harassment and that if awarded the Contract will not engage in any prohibited form of discrimination in employment as defined in that Act and will require that its subcontractors agree to the same restrictions. The contractor shall maintain, and require that its subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. Contractors and all subcontractors shall comply with all requirements of the Act and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act. Contractors and all subcontractors shall place appropriate statements identifying their companies as equal opportunity employers in all advertisements for workers to be employed in work to be performed.

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Contractor shall be required to comply with all applicable federal laws, state laws and regulations regarding minimum wages, limit on payment to minors, minimum fair wage standards for minors, payment of wage due employees, and health and safety of employees. Contractor is required to pay employees all rightful salaries, medical benefits, pension and social security benefits pursuant to applicable labor agreements and federal and state statutes and to further require withholdings and deposits therefore.

Guarantees and Warranties - All guarantees and warranties required shall be furnished by the bidder if awarded the Contract and shall be delivered to the Finance Department before final payment on the Contract is issued. Information describing such guarantees and warranties shall be included as part of the bid. The bidder shall also specify any guarantees or warranties which are available for purchase by the Village and shall transfer the same in writing upon completion of the work, along with a Bill of Sale as may be appropriate.

The vehicle and equipment shall be new or current production, and be properly serviced for immediate operation. By submitting a bid, bidder expressly warrants that the vehicle, materials and equipment furnished under the contract will be of good quality and new unless otherwise expressly required or permitted by the contract documents, that the work will be free from defects for one (1) year from the issuance of the final payment by the Village or the length of time guaranteed under the warranty provided by the Contractor, whichever is greater. Where there are deficiencies, Contractor agrees to correct them with reasonable promptness after receiving notice of said deficiencies from the Village.

Indemnification - The selected contractor shall indemnify and hold harmless the Village of Orland Park ("Village"), its trustees, officers, directors, agents, employees, representative and assigns, from lawsuits, actions, costs (including attorney's fees), claims or liability of any character, incurred due to the alleged negligence of the Contractor, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said Contractor, its officers, agents and/or employees arising out of , or in performance of any of the provisions of the Contract Documents, including and claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act: or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the Village, its trustees, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The Contractor shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

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The Contractor shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the Village and any other indemnified party. The Village or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the Contractor shall promptly reimburse the Village or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the Village or other indemnified party in connection therewith.

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BID SUBMISSION REQUIREMENTS

Bidder must submit three (3) complete, sealed, signed and attested copies of the bid, one (1) of which shall be a complete bound copy and two (2) shall be complete, identical, unbound copies of the bid, and shall provide all requested information, and submission of all appropriate forms, certificates, affidavits and addendum acknowledgements in each copy in order to be considered responsive. All copies shall contain requested forms with original signatures.

Once submitted, no bid may be withdrawn without the Village's consent, but it may be superseded by a subsequent timely bid. Any bid received after the time and date specified for opening, or any postponement thereof, will not be considered. Bids shall be irrevocable for a period of sixty (60) calendar days after the Village opens them.

Each bidder is responsible for reading the bid documents and determining that the Specifications describe the work to be performed in sufficient detail. Failure of a bidder to do so shall not relieve the bidder of any obligation with respect to said bid. Bidders shall notify the Village of any inappropriate service, brand name, component, or equipment called for by the Village in the Specifications and shall note in its bid the adjustments made to accommodate such deficiencies in the Specifications. After bids have been opened, no bidder shall assert that there was a misunderstanding concerning the nature of the work to be done or the quantities and specifications of the material/equipment/items to be delivered, and no such claim shall relieve a bidder from its obligation to perform. All bids must be made only on the forms provided by the Village and must be made in accordance with this Invitation to Bid and Specifications, (Project manual) all of which are on file and may be obtained for examination in the Clerk's Office at the above address and are made part of this notice as though fully set forth herein.

Bidder Summary Sheet – Section II includes the Bidder Summary Sheet that must be completed and submitted with the bid package.

Bid Deposit – No bid deposit is required to be submitted with this bid.

References – Bidders shall provide the Village with the names and contact information of three (3) references for which they have performed similar work. The bidders grant Village permission to contact said references and ask questions regarding prior work performance. Village shall use the information gained from bidder's references to further evaluate the bidders.

Payment and Performance Bonds – No payment or performance bonds are required to be submitted by the successful bidder in relation to this project.

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Bid Price - The submitted bid price shall include all permits, insurance, equipment, plant facilities, work and expense necessary to perform the work in accordance with the Specifications included in this bid packet. The submitted bid price shall not include any amount for sales or use taxes, or any other tax from which the Village is exempt.

Other - Bidders must complete and submit all of the Cab and Chassis and all Aftermarket Equipment Specification Forms and Additional Requirements page in Section III by indicating if the equipment will comply or if there will be an exception. Bidder must also submit the make and model of the equipment that you will provide if selected. List the total cost and the delivery time after bid award on the Additional Information page in Section III.

The Specifications are not intended to describe a particular manufacturer's product. Brand names specified in the Specifications shall be deemed to include approved equals, but bidder must obtain the Village's approval of their proposed equal not less than five (5) calendar days before bids are opened, and the Village will notify all bidders accordingly.

EVALUATION OF BIDS/BIDDERS

The Village reserves the right to accept any bid, any part or parts thereof, or to reject any and all bids.

The Village reserves the right to waive minor informalities or irregularities in the bids received, to accept any bid deemed advantageous to the Village, or to reject any and all bids submitted. Conditional bids, or those which take exception to the Contract documents without prior written approval from the Village, may be considered non-responsive and may be rejected.

The Village may make such investigations as it deems necessary to determine the ability of the bidder to perform the work in conformity with the Contract documents, and the bidder shall furnish to the Village all such information and data for this purpose as the Village may request.

The Contract shall be awarded to the lowest responsive, responsible bidder. In determining the lowest responsive and responsible bid, consideration will be given to several factors, including but not limited to price, financial responsibility of the bidder, completion date, responsiveness to the specifications, and the experience of the Village and other purchasers with the bidders.

Award of the contract is subject to Village of Orland Park Board approval. The Corporate Authority of the Village may elect to enforce its Local Vendor Purchasing Policy (see Section III Local Vendor Purchasing Policy) when awarding the contract.

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The Village may also conduct a pre-award facility survey of the bidder. This survey may include, but is not limited to, determining if the bidder has the experience, capability, necessary facilities and financial resources to complete the contract in a satisfactory manner within the required time.

The Village award will be made within sixty (60) calendar days after the date of the bid opening, or any mutually agreed extension thereof.

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BID SUBMITTAL CHECKLIST

In order to be responsive, the bidder must submit all of the following items:

- Sealed Bid Envelope - **Addressed to the Village of Orland Park, Attn: Village Clerk's Office**, 14700 S. Ravinia Ave., Orland Park, IL 60462, and labeled: **F550 Regular Cab 4wd, Cab and Chassis** in the lower left hand corner.
- Bid - Bidder must submit **three (3) complete, sealed, signed and attested copies of the bid, one (1) of which shall be a complete bound copy and two (2) of which shall be complete, identical, unbound copies of the bid**, and shall provide all requested information, and submission of all appropriate forms, certificates, affidavits and addendum acknowledgements in each copy in order to be considered responsive. All copies shall contain requested forms with the original signatures.
- All forms completed from Section II:
 - Bidder Summary Sheet
 - Business Organization
 - Certificate of Eligibility to Enter into Public Contracts
 - Sexual Harassment Policy
 - Equal Employment Opportunity
 - Tax Certification
 - References
- All forms completed from Section III:
 - Bid Specifications (Comply & Exception Sheets)
 - Additional Requirements
 - Additional Information

II – REQUIRED BID SUBMISSION DOCUMENTS

BIDDER SUMMARY SHEET

Project Name

IN WITNESS WHEREOF, the parties hereto have executed this Bid as of date shown below.

Firm Name: _____

Address: _____

City, State, Zip Code: _____

Contact Person: _____

FEIN #: _____

Phone: (____) _____ Fax: (____) _____

E-mail Address: _____

TOTAL COST TWO (2) F550 REGULAR CAB 4wd, CAB and CHASSIS UNITS WITH AFTERMARKET EQUIPMENT

\$ _____
(Insert Bid Price from Additional Information page)

DELIVERY TIME (DAYS)
AFTER BID AWARD _____

Signature of Authorized Signee: _____

Title: _____ Date: _____

BUSINESS ORGANIZATION:

_____ Sole Proprietor: An individual whose signature is affixed to this proposal.

_____ Partnership: Attach sheet and state full names, titles and address of all responsible principals and/or partners. Provide percent of ownership and a copy of partnership agreement.

_____ Corporation: State of incorporation: _____
Provide a disclosure of all officers and principals by name and business address, date of incorporation and indicate if the corporation is authorized to do business in Illinois.

In submitting this proposal, it is understood that the Village of Orland Park reserves the right to reject any or all proposals, to accept an alternate proposal, and to waive any informalities in any proposal.

In compliance with your Request for Proposals, and subject to all conditions thereof, the undersigned offers and agrees, if this proposal is accepted, to furnish the services as outlined.

_____ (Corporate Seal)
Business Name

_____ Signature _____ Print or type name

_____ Title _____ Date

**CERTIFICATION OF ELIGIBILITY
TO ENTER INTO PUBLIC CONTRACTS**

IMPORTANT: THIS CERTIFICATION MUST BE EXECUTED.

I, _____, being first duly sworn certify and say
that I am _____
(insert "sole owner," "partner," "president," or other proper title)

of _____, the Prime Contractor
submitting this proposal, and that the Prime Contractor is not barred from contracting with any unit of
state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois
Criminal Code, or of any similar offense of "bid-rigging" or "bid-rotating" of any state or of the United
States.

Signature of Person Making Certification

Subscribed and Sworn To
Before Me This ____ Day
of _____, 2013.

Notary Public

SEXUAL HARASSMENT POLICY

Please be advised that pursuant to Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A) has been amended to provide that every party to a public contract must:

"Have written sexual harassment policies that shall include, at a minimum, the following information: (I) the illegality of sexual harassment; (II) the definition of sexual harassment under State law; (III) a description of sexual harassment, utilizing examples; (IV) the contractor's internal complaint process including penalties; (V) the legal recourse, investigative and complaint process available through the Department (of Human Rights) and the Commission (Human Rights Commission); (VI) directions on how to contact the Department and Commission; and (VII) protection against retaliation as provided by Section 6-101 of the Act. (Illinois Human Rights Act). (emphasis added)

Pursuant to 775 ILCS 5/1-103 (M) (2002), a "public contract" includes:

...every contract to which the State, any of its political subdivisions or any municipal corporation is a party."

I, _____, having submitted a bid for _____ (Name of Contractor) for _____ (General Description of Work Bid on) to the Village of Orland Park, hereby certifies that said contractor has a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105 (A) (4).

By: _____
Authorized Agent of Contractor

Subscribed and Sworn To
Before Me This _____ Day
of _____, 2013.

Notary Public

EQUAL EMPLOYMENT OPPORTUNITY

Section I. This EQUAL EMPLOYMENT OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq.

Section II. In the event of the Contractor's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights (hereinafter referred to as the Department) the Contractor may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

During the performance of this Agreement, the Contractor agrees:

A. 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 women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

B. That, if it hires additional employees in order to perform this Agreement, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contracts) 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.

C. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

D. 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 agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract.

E. 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 the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts.

F. That it will permit access to all relevant books, records, accounts and work sites by

personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts.

G. That it will include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and 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 III. For the purposes of subsection G of Section II, "subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Contractor and any person under which any portion of the Contractor's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Contractor or other organization and its customers.

ACKNOWLEDGED AND AGREED TO:

BY: _____

ATTEST: _____

DATE: _____

TAX CERTIFICATION

I, _____, having been first duly sworn depose and state as follows:

I, _____, am the duly authorized agent for _____, which has submitted a bid to the Village of Orland Park for

_____ and I hereby certify
(Name of Project)

that _____ is not

delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:

- a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate Revenue Act; or
- b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

By: _____

Title: _____

Subscribed and Sworn To
Before Me This ____ Day
of _____, 2013.

Notary Public

REFERENCES

(Please type)

ORGANIZATION _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE NUMBER _____

CONTACT PERSON _____

DATE OF PROJECT _____

ORGANIZATION _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE NUMBER _____

CONTACT PERSON _____

DATE OF PROJECT _____

ORGANIZATION _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE NUMBER _____

CONTACT PERSON _____

DATE OF PROJECT _____

Bidder's Name: _____

Signature & Date: _____

III – BID SPECIFICATIONS AND ADDITIONAL INFORMATION

**VILLAGE OF ORLAND PARK
LOCAL VENDOR PURCHASING POLICY**

The Village of Orland Park believes it is important to provide local vendors with opportunities to provide goods and services to the Village of Orland Park. This belief is based upon the fact that the active uses of commercial properties in the Village benefits the community through stabilization of the property tax base, the creation of local sales tax and the provision of employment opportunities for citizens of the community and surrounding region.

In an effort to promote the aforementioned benefits, the Village of Orland Park wishes to provide local vendors with preferential treatment when competing for contracts with the Village. A local vendor is defined as a business that has an actual business location within the corporate boundaries of Orland Park and is licensed by the Village. The Village will not award a contract to a local vendor when the difference between the local vendors bid and the otherwise lowest responsive and responsible bid exceeds the applicable percentage indicated below. As such, when considering contracts, the Village reserves the right to forego the lowest responsive and responsible bid in favor of a local vendor under the following circumstances:

<u>Contract Value</u>	<u>Range (up to a maximum of)</u>
\$0 - \$250,000	2.00%
\$250,000 - 1,000,000	1.50%
\$1,000,000 - 2,000,000	1.00%
Greater than \$2,000,000	Not Applicable

Under no circumstance will any contract be awarded to a local vendor when the local vendor's bid exceeds the lowest responsive and responsible bid by \$20,000 or more.

This Policy shall ONLY apply if formal notice of the aforementioned criteria is provided as part of the bid specifications. In addition, it should be noted that the Village of Orland Park shall not be obligated to forego the low bidder in favor of the local vendor under any circumstances. However, this Policy simply provides the Village with the option of doing so when applicable. Furthermore, this Policy shall not apply in any situation where any portion of the contract amount is being paid with funds other than Village monies. Specifically, this Policy shall not apply in any situation where the Village has received a grant or otherwise received a source of funds other than its own funds.

**BID SPECIFICATIONS
(Comply/Exception Forms)**

PROJECT:

Purchase of two (2), 2014 or current model F550 Regular Cab 4wd, Cab and Chassis equipped with 8' Dump Body, 9' Snowplow, Tailgate Salt Spreader and other Aftermarket Equipment.

COMPLIANCE TO SPECIFICATIONS:

The bidder shall indicate the truck and equipment that is being furnished and whether it complies or does not comply with each section of the specifications as written. **The bidder shall explain the reason for each exception taken in each section.** Failure to properly complete the Bid Specifications (Comply/Exception) form may result in the disqualification of the proposal bid.

The Village will inspect the completed vehicle at the time of delivery for compliance to the accepted specifications. The vehicle will be inspected for proper workmanship, including, but not limited to, painting, welding, wiring, hose routing and general fit and finish. This inspection shall be completed before the Village accepts the vehicle.

F550 Regular Cab 4wd, Cab and Chassis

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Air Conditioning	Manual	_____	_____
Alternator	200-Amp, minimum	_____	_____
Axle Ratio	4.88:1, Locking	_____	_____
Axle, Front	Sized to meet 19,500 lb GVWR	_____	_____
Axle, Rear	Sized to meet 19,500 lb GVWR	_____	_____
Batteries	(2) 750 CCA, minimum	_____	_____
Body	Regular cab, 60" C/A	_____	_____
Brakes	Power front and rear disc	_____	_____
Braking System	4-wheel ABS	_____	_____
Bracket	Front License Plate	_____	_____
Bumper	Black front	_____	_____
Clock	Digital (w/radio)	_____	_____
Cooling	HD engine and auxiliary transmission coolers	_____	_____
Drive Type	4x4 w/Electronic Shift-on-the-Fly auto/manual locking hubs	_____	_____
Driver's Information Center	Standard	_____	_____
Engine	6.7L, 4V, Power Stroke Diesel, V8, with Operator Commanded Regeneration	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Floor Covering	Full cab rubber floor covering	_____	_____
Floor Mats	1 set of all-weather rubber floor mats	_____	_____
Fuel Tank	28.0 gallon capacity, mid-ship mounted	_____	_____
Gauges	Oil pressure, voltmeter, engine and transmission temperature	_____	_____
GVWR	19,500 pounds	_____	_____
Mirrors-Interior	RH visor vanity, day/night rear view mirror	_____	_____
Mirrors-Exterior	Manual telescoping trailer towing mirrors with power heated glass and integrated turn signals	_____	_____
Paint	Bright Red	_____	_____
Power Equipment	Power door locks, power windows, power adjustable trailer towing mirrors	_____	_____
Power Outlets	(1)	_____	_____
Radio	AM/FM Stereo	_____	_____
Restraint System	Dual front air bags with passenger disable feature and dual side impact air bags	_____	_____
Seat	40/20/40	_____	_____
Seat Trim	Heavy-duty vinyl, Color - Gray	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Springs, Front	Sized to meet 19,500 lb GVWR	_____	_____
Springs, Rear	Sized to meet 19,500 lb GVWR	_____	_____
Stabilizer Bar	Front and rear	_____	_____
Steering	Power	_____	_____
Steering Wheel	Tilt, telescopic	_____	_____
Suspension	Payload upgrade package to 19,500 GVWR	_____	_____
Auxiliary Switches	Factory installed, dash mounted switches for auxiliary aftermarket equipment	_____	_____
Tire	Conventional Spare	_____	_____
Tires	Front (2) 225/70R19.5G all season tires Rear – (4) 225/70R19.5G all terrain tires	_____	_____
Tachometer	Standard, factory installed	_____	_____
Tow Hooks	Front	_____	_____
Trailer Tow Package	High capacity, with upgraded rear axle and increased GCWR	_____	_____
Trailer Equipment	Factory installed 7-wire trailer wiring harness ran to rear of frame	_____	_____
	Factory installed, integrated electronic brake controller.	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Transmission	Automatic, 6-speed heavy-duty with overdrive, external cooler and PTO provision	_____	_____
W/S Wipers	Intermittent	_____	_____
Wheelbase/CA	141", 60" cab to axle	_____	_____
Wheels	19.5" gray painted steel	_____	_____
Cab Steps	6" angular running boards, black	_____	_____
Keys	(3) sets of ignition/door keys with fobs, programed and ready for use upon delivery	_____	_____
License and Title	Bidder shall apply for the title and municipal license plates and shall include the following owner information: <i>Village of Orland Park 14700 Ravinia Avenue Orland Park, IL 60462</i>	_____	_____
Temporary Plate	The vehicle shall be delivered with an Illinois temporary license tag.	_____	_____

AFTERMARKET EQUIPMENT

DUMP BODY

Specifications for a Henderson 8' Mark III mild steel dump body, or approved equal, installed on a Medium Duty Cab and Chassis previously described in the above specification.

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Dimensions	2.3/3.3 cubic yard capacity	_____	_____
	8' inside length	_____	_____
	85" inside width	_____	_____
	95" outside width	_____	_____
	19" tailgate height	_____	_____
Floor	One piece, AR400 3/16" steel crossmemberless uni-body type design	_____	_____
	2" formed side radius	_____	_____
	One-piece 5" x10 pounds per foot I-beam longsills	_____	_____
	Mounting height not to exceed 9"	_____	_____
Sides	"Fixed", 13" height	_____	_____
	12 gauge steel	_____	_____
	Sloped and formed top rail	_____	_____
	12 gauge, 4 3/4" x 8" rear corner posts	_____	_____
	5" structural channel rear apron with 3/16" reinforcement plate	_____	_____
	Front and rear side board Pockets	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Headsheet	12 gauge, factory tapered head-sheet with integral cab shield	_____	_____
	Left and right side double oval punch-outs mounted on a full width, cab shield mounted enclosure, for LED Stop/Tail/Turn and LED amber warning lights	_____	_____
	Window punch-outs not desired	_____	_____
Tailgate	10 gauge steel	_____	_____
	Double wall construction with full perimeter boxing	_____	_____
	1 ¼" lower latch pins	_____	_____
	1" upper hinge pins	_____	_____
	Latch hooks – ½" steel plate Latch plates - 3/8" steel	_____	_____
	Manual over-center gate release with stainless steel bushings	_____	_____
Hoist	Scissors-type underbody hoist	_____	_____
	4" x 3" x ¼" structural angle hinge assembly, incorporated into the subframe	_____	_____
	1 ¼" 1045 CR hinge pins with 4" bushings and grease zerks	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
	Single stage cylinder, 4.5" bore, 16" stroke, 2" diameter rod	_____	_____
	N.T.E.A. class 20 rated	_____	_____
	8.1 ton capacity @ 12" overhang	_____	_____
Lighting	Rubber mounted LED combination Stop/Tail/Turn lighting mounted in each rear corner post	_____	_____
	(2) oval LED combination Stop/Tail/Turn lights shall be rubber mounted in the cab shield punch outs	_____	_____
	(2) oval amber LED warning lights shall be rubber mounted in the cab shield punch outs	_____	_____
	LED clearance lighting	_____	_____
	Must meet FMVSS 108	_____	_____
Wiring	One piece harness	_____	_____
	No Scotch Locks permitted	_____	_____
Paint	Dump body paint shall be single stage polyurethane. Color to match cab using the factory paint code.	_____	_____
	Sub-frame and all other underside components shall be primed and painted with a high solid chassis black paint	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
	Preparation, priming and painting shall be done to industry best practices	_____	_____
Misc.	All welds must be continuous, no stitch welds permitted	_____	_____
	Fleet Engineering poly 1/2 fenders, P/N 034-02212, or approved equal, mounted over the rear wheels	_____	_____

SNOWPLOW

Specifications for an American Sno-Plows 9' FTP Series Trailblazer Snowplow, or approved equal, installed on a Medium Duty Cab and Chassis previously described in the above specification.

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Blade Width	9'	_____	_____
Blade Height	30"	_____	_____
Moldboard	3/8" polymer	_____	_____
Moldboard Ribs	(5) 3/8" heavy duty with 1/2" backer angle	_____	_____
Trip Edge	Single trip edge with (6) torsion springs	_____	_____
Cutting Edge	1/2" x 8" C-1085 high carbon steel	_____	_____
A-Frame	Tubular style attached to a heavy duty tube moldboard attachment tube	_____	_____
Angling Cylinders (2)	2 1/8" bore x 16" stroke	_____	_____
Lift Cylinder	2" bore x 10" stroke, single- acting, with nitrided ram	_____	_____
Approximate Weight	650 pounds	_____	_____
Wear Shoes	Not desired	_____	_____
Mounting System	American Sno-Plows F-550 Super Duty hitch	_____	_____
Plow Lights	Hella #C220 Combination Headlamp set	_____	_____
Deflector	2-ply rubber	_____	_____

CENTRAL HYDRAULIC SYSTEM

Specifications for a transmission mounted, PTO driven, hydraulic system, installed on a Medium Duty Cab and Chassis previously described in the above specification.

HYDRAULIC GEAR PUMP/HOT SHIFT PTO:

The hydraulic pump and PTO shall be a Chelsea 249 series. The PTO shall have a built in noise suppression system for quiet operation, shimming kits with special instillation tools are not acceptable. PTO must carry a two year limited warranty from the manufacturer as a minimum. The pump shall be a gear pump that is direct mounted to a hotshift PTO. The pump shall have a flow rate of 10.6 GPM at 1200 engine RPM. The pump shall have a ¾"-11T splined drive shaft. The suction hose to the pump shall be a minimum of 1 1/4" I.D. SAE 100-R4 hose. The PTO shall be a Parker/Chelsea 249 series and have a ratio of a 124%. The PTO shall be engaged/disengaged from the cab by a dash mounted 12VDC on/off switch.

Comply _____ Exceptions _____

RESERVOIR/ VALVE ENCLOSURE:

The hydraulic reservoir/valve enclosure combination shall be frame mounted with a 15 gallon capacity. The reservoir/enclosure shall be stainless steel and have an ASTM 8 rating at 336 hour of salt spray. The reservoir must be equipped with the following: ¾"magnetic drain plug, 1¼" full flow brass ball valve, 2" X 1¼" NPT suction strainer with 100 mesh screen and 3 PSI bypass valve, tank mount return line filter with a built in breather, and sight temperature gauge externally mounted facing front of truck no matter which side enclosure is mounted on. Reservoir filling will be through the filter housing with a flow path that will filter all new oil entering in the system. The hydraulic reservoir shall be constructed of 10-gauge material and internally baffled. Mounting bracket is to be designed and supplied by reservoir supplier and designed in a manner as to not transmit torsional loads thru the reservoir. The enclosure will use a gasket less passive seal technology (**No rubber seals, gaskets or weather stripping or bolts.**) The enclosure lid will be removable by one person without the use of tools. The cover will protect the following from road and pressure washer spray: hydraulic valve, all valve fittings, hose ends, tank mount return line filter and breather, visual and electrical bypass sending units, return line to filter and any electrical connections. The use of bulkhead fittings is not acceptable. The directional control valve must be accessible on all 6 sides without removing valve from enclosure for ease of service. Further, the valve mounting plate must swing out for ease of valve service and hose replacement. Reservoir/Valve Enclosure shall be **Force America Inc. VT15 Valve/Tank Assembly** or prior approved equal.

Comply _____ Exceptions _____

FILTER:

Hydraulic oil filter shall be mounted in the reservoir. Hydraulic filter shall be a 16-micron absolute and rated for no less than 30 GPM. Filter shall be model **TEF21016VG16SP-UG60** or prior approved equal and include visual bypass indicator. The system shall be delivered with one spare filter element.

Comply _____ **Exceptions** _____

HYDRAULIC CONTROL VALVE:

The hydraulic valve shall be a modular stackable manifold with level port design. Each hydraulic function requires an individual manifold be stacked together to form the manifold base. The inlet shall consist of SAE #12 inlet porting, SAE #16 outlet porting and optional SAE #16 power beyond and SAE #4 load sense. An adjustable main relief will be contained within the inlet to limit system pressure. The inlet will be capable of use with either a load sense or gear type pump. The use of an electric unloader and double pull double throw electric switches is prohibited. Each hydraulic valve section must be serviceable without removing any hydraulic hoses or any other hydraulic components. The following options must be contained in the hydraulic valve manifold. Hoist section should contain a downside direct acting relief adjustable from 300 to 1800 PSI to protect the truck frame from forces associated with power hoist lower. A counter balance valve is also to be contained within the hoist manifold to maintain a constant down speed no matter the load. The plow lift valve is to contain an adjustable port relief to limit the plow raise PSI. Both the hoist and plow lift sections are to have leakage rates of less than 2 cc/min to prevent unwanted drift. Plow turn shall contain a cross-port relief to protect the turn cylinder from external loads. Valve stack must be capable of inserting a Spin-A-Veyer™ Valve for sander control. These sander controls will be a pressure compensated proportional flow control so that speed of these functions will remain constant no matter what system pressure is. Power beyond to sander valve is not permitted. Valve segments shall be “**Force America Add-A-Fold®**” model **2010** or prior approved equal.

Valve to be arranged as follows:

- Hoist 4-way with down side relief set at 500 PSI
- Plow Lift 3-way with float with work port relief set at 2000 PSI
- Plow angle 4-way with cross-port relief set at 2500 PSI

Comply _____ **Exceptions** _____

SPREADER VALVE:

The triple flow spreader valve shall control the auger, spinner and prewet independently via 12V DC pulse width modulated signal. Valve must be a mono-block design with three pressure compensated cartridges that are a single piece design with hardened cartridge bores and spools and capable of flows up to 14 GPM with pressures to 3000 PSI. Valve is to be adaptable for use with a load sensing system or open center system with an unloader valve capable of 30 GPM. A full flow adjustable relief valve must be integrated into the mono-block design. This may also serve as a main relief valve if the power beyond feature is used. A pilot relief will not be accepted. The auger, spinner and prewet cartridges shall have a heavy duty 7/16-20 UNF screw style manual over-ride that is adjustable from no flow to full flow. Valve housing is to be made of aluminum with a gray anodizing for durability and resistance corrosion. All plumbing shall come out the bottom of the valve for ease of mounting it into an enclosure. The valve shall be a **Force America model SCE3UL140707AR-PB Spin-A-Veyer™** valve or prior approved equal.

Comply _____ **Exceptions** _____

VALVE ENCLOSURE:

The valve assembly shall be mounted in weather-tight enclosure. The valve enclosure base shall be fabricated of 10-gauge steel and cover shall be fabricated of 14-gauge steel. Enclosure shall be designed to not allow humidity to be trapped inside no gaskets are allowed. Valve to be mounted with all ports coming out the bottom and holes allowing for hose adapter fittings to be connected directly to the valve no bulkheads are allowed. The use of internal plumbing is not permitted. Valve enclosure lid is to be removable by the unlatching of 3 rubber latches the use of bolts is not permitted. Valve will be “Boxed In” with the cover and not the base. All plumbing shall be external, directly out the bottom of the valve enclosure.

Comply _____ **Exceptions** _____

PLOW CUSHION VALVE WITH PRESSURE RELEASE:

An externally mounted aluminum manifold cushion valve with integrated pressure release shall be supplied for the plow angle circuit. The valve shall have dual cross over reliefs to protect the angle cylinders from pressure shocks. The valve shall release the pressure in the plow lift circuit to allow connection & disconnection of the quick couplers. The valve shall have SAE #8 o’ring ports. The exhaust line shall be plumbed direct back to the reservoir. The valve shall be a **Force America C11916** or prior approved equal.

Comply _____ **Exceptions** _____

HYDRAULIC LINES AND PLUMBING:

All hydraulic lines and plumbing shall be of sufficient capacity so as not to create heat or turbulence within hydraulic system. Suction line between reservoir and pump shall be a minimum of 1.25 in. I.D. with a minimum SAE 100-R4 rating and shall be secured on both ends via heavy duty banding straps, radiator hose clamps unacceptable. All pressure hoses, including signal sense to pump shall have swivel fittings on both ends and have a minimum SAE 100-R2 rating. Return lines and case drain shall have minimum SAE 100-R1 rating.

Hydraulic lines shall be routed to minimize interference with equipment and chassis components requiring periodic servicing. Support brackets, grommets, and tie wraps shall be provided where appropriate to protect lines from damage by abrasion, cutting or impact.

Hoses shall not be routed near exhaust manifolds pipes, bolts, sharp edges, and exhaust system to prevent wear, fatigue, or fire. Pipe fittings are not acceptable in any high-pressure line. Maximum distance between support clamps on all hydraulic lines shall be 24in.

Comply _____ **Exceptions** _____

CONTROL CENTER:

Controls for all valve functions and electronic spreader control will be integrated into a single, self-contained control center. The control center shall be a padded armrest style that is ergonomically designed. Control center shall be modular in design for ease of installation and service, and wiring and connectors shall be keyed and color-coded throughout. All components must be durable for long life and trouble free operation.

The electronic controller shall be a fully proportional multi-stick controller to operate all cylinder functions. Multi-stick PWM driver electronics shall include as standard the capability to control at least 9 proportional outputs simultaneously. The control is available in a 3-stick or 4-stick configuration. Controls for spreader must be located on armrest at the operator's fingertips. There shall also be four auxiliary rocker switches available with an additional fifth switch being the main power switch for the spreader control. The switches shall be located between the joysticks and spreader control interface and each shall be rated for 15 amps continuous current minimum. Console options shall be capable of supplying full rated power to switch outputs when all four auxiliary switches are at full 15 amp load.

For ease of operation the multi-stick control shall include the following features: LED-backlit nomenclature for all joystick functions and a momentary push-button at the top of the hoist stick to provide hoist-interlock. The "Hoist" decal shall be illuminated amber while disabled, and change to green backlighting when the driver engages the hoist interlock button. The green "Hoist" LEDs shall remain illuminated while the hoist is under operation and shall time-out after a period of hoist inactivity that is selectable from 0 to 15 seconds.

The plow, wing, scraper, or other joysticks shall have the option to include a momentary pushbutton for activation of remote spreader standby, remote spreader blast, or electric joystick interlock. The multi-stick communication hardware/software shall include 4 integral float options. The use of add-on float modules is unacceptable. For flexibility of use the integral float programming shall have the following standard features:

- (4) axis functional float on any or all of the outputs with selectable forward/back, right/left functionality
- 3-way or 4-way functionality
- Selectable (3) second float delay timer
- Optional float enable switch inputs.
- When float output for a given joystick function is active, the LED-backlit nomenclature shall blink ON/OFF to provide visual feedback to the operator that the float function is engaged.

To ensure longevity of performance all lighting to be solid-state LED technology. The use of incandescent lamps or EL backlighting is unacceptable.

All function joysticks shall be of contact-less Hall-effect design and offer up to a 5-Million cycle life. The use of potentiometers is unacceptable. To increase safety of operation, joystick communication hardware/software shall include the following standard features:

- Input power monitor circuitry with power quality diagnostics,
- Redundant dual-reference joystick signals for each joystick axis
- Joystick input off-center checking on all axes and output shutdown on system power-up
- Joystick out-of-range fault condition checking and output shutdown
- True outputs off with joystick centered
- LED-backlit nomenclature shall illuminate and flash RED when any error condition exists and an audible alarm shall sound.
- LED-backlit nomenclature shall blink ON/OFF with increasing frequency as the corresponding function is increased in speed to give the operator visual feedback of each joystick output.

Multi-stick control shall communicate all joystick data over the spreader control CAN bus. For ease of service and diagnostics the multi-stick control shall have the following easily accessible through the spreader control calibration menus:

- Unique MIN/MAX adjustments for each joystick function (forward, back, left and right)
- On-screen output status indicator's for each PWM output
- Audible and visible output error status indicators with flashing error codes for each joystick function

The multi-stick control joystick outputs shall be communicated over the spreader control CAN bus to the Valve Module. Spreader control outputs and joystick control outputs shall be operated on the same Valve Module, or multiple modules as necessary.

The electronic spreader control shall be designed for precise, closed-loop control of granular and prewet liquid applications and operate on a CAN Bus protocol. The Central

Processing Unit (CPU) shall have keyed and color coded connections to prevent incorrect installation. The CPU shall be mounted in the cab with visual access to diagnostic LED's. Mounting of the CPU unit outside of the cab is unacceptable. The unit shall have USB connectivity for file and data transfer, Ethernet connection, a J1939 communication port for connection to the vehicle bus, a second CAN bus communication port for spreader-only data use, a J1708 connection for a road and air temperature sensor, and a RS-232 connection for AVL communication. The CPU shall have on-board diagnostics, which provide real-time status of CAN bus communication, processor activity, and power status. The CPU shall have a built-in audible alarm for diagnostic purposes. The CPU operating system shall NOT be Windows-based.

The spreader control interface shall have two, color-coded, continuous rotation encoders for granular and spinner control. These encoders shall have integrated push buttons for blast mode and stand-by. The controller shall have a third multifunction 4-way joystick that has an integrated rotary encoder and push button, that can be used for menu navigation, prewet liquid control, or an additional conveyor function. There shall be four, two-way soft keys included in the interface that are generically-labeled and user-configurable for different functions depending on the equipment needs. The controller shall also utilize iButton technology that is capable of using a Supervisor key to provide access to the calibration parameters without the access code. The entire operator interface shall be backlit and encased in flexible silicone material with wear-limiting coating applied to the base silicone material. The operator interface shall communicate on the spreader control system CAN bus.

The spreader control display shall be a remotely-mounted, 7" diagonal color TFT LCD, with a low-profile 16:9 widescreen format and minimum of 800X480 pixel resolution. LCD shall have variable LED backlighting. CCFL backlighting is unacceptable. The display shall include a scratch-resistant polycarbonate lens with anti-glare coating. A power status LED shall be immediately visible on the front of the display and shall report display diagnostics including loss of CAN communication. Display unit shall have a built-in audible alarm. To avoid driver distraction, the display shall have no integrated dials or pushbuttons and shall not be touch screen. LCD shall communicate on the spreader control system CAN bus.

The operator menus shall be color-coded to match the encoder knobs on the operator interface. The display shall be capable of displaying the following on-screen simultaneously: Granular material name, granular material set point and actual application rate including units of measure, prewet liquid name, prewet liquid set point and actual application rate including units of measure, spread width, road temperature, air temperature, material usage total, liquid usage total, vehicle speed, and current date and time. The operator shall have the option of selecting five data items to be displayed onscreen during operation. The display will also provide four warning light indicators for low oil level, body up, oil temp, and filter bypass. These warning lights are to be functional regardless of spreader operation or status.

The display must provide visual indication that the spreader control is connected to a compatible AVL device, if equipped. The spreader control shall warn operator if communication with the AVL device fails at power-up.

A proportional PWM driver and input module (Valve Module) shall be remotely-mounted inside the hydraulic valve enclosure for control of both spreader control and joystick control outputs. The entire Valve Module shall be of rugged design for the mobile environment, and must meet IP68 requirements for dust and water ingress. The Valve Module shall include a minimum of eight proportional PWM outputs with potted valve output connections. All outputs shall be protected against short-circuits. Outputs shall be current-compensated and have adjustable PWM frequency. There shall be a minimum of five switch-to-ground type inputs for monitoring hydraulic system inputs such as oil level, body up, Hi and Low filter bypass, and oil temperature warnings. A minimum of two switch-to-ground type pulse train inputs shall be included in the Valve Module for connection of feedback sensors such as auger feedback and prewet liquid flowmeter feedback. A keyed and color-coded connection shall be provided for CAN bus connection to the CPU module inside the cab. A second CAN bus connection must be provided for daisy-chaining of multiple Valve Modules within the valve enclosure. Diagnostic LED's shall be included for every input and output on the Valve Module, as well as a power status LED and CAN bus activity LED's. The Valve Module shall be potted. The Valve Module shall include a stainless steel legend plate with engraved text for easy cleaning and identification of Valve Module connections.

The integrated spreader control and joystick control system shall be equipped with a qualified ESTOP device that immediately disconnects battery power from all outputs. All spreader control and joystick-operated outputs shall immediately cease to function and the system display shall inform the operator that the ESTOP device has been activated. The ESTOP device must remove power from all output devices, while maintaining power to the display and CPU for diagnostic purposes. Resetting of the ESTOP device shall not result in spreader control and joystick-operated outputs returning to an ON state without operator acknowledgement.

The Control Center shall be a **FORCE America Patrol Commander MPJC Ultra series with a 6100 model spreader control** or prior approved equal.

Comply_____ **Exceptions**_____

TAILGATE SPREADER

Specifications for a mild steel tailgate mounted salt spreader installed on a Regular Cab and Chassis equipped with a 8' dump body previously described in the above specification.

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Dimensions	Height with spinner - adjustable from 33.75" to 36.00 "	_____	_____
	Height w/out spinner – 19.25"	_____	_____
	Width with spinner – 19.25"	_____	_____
	Width w/out spinner – 17.75"	_____	_____
	Overall length – 96.0"	_____	_____
	Weight – 550 pounds	_____	_____
	Spinner diameter – 18.0 "	_____	_____
Trough	7 gauge mild steel trough and rear panel	_____	_____
	¼" end plates	_____	_____
	One-piece combination cover and upper rear panel with bottom hinges	_____	_____
	Clean-out door in bottom of trough for auger access	_____	_____
Auger	6" diameter auger	_____	_____
	3/8" bi-directional flighting welded to a 2 7/8" OD schedule 40 pipe	_____	_____
	Auger shaft size – 1 ¼"	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Auger cont'd	Provision for speed sensor attachment	_____	_____
	Polyurethane end bushings	_____	_____
	Anti-flow plate mounted above auger and discharge opening	_____	_____
Auger Drive	Direct drive	_____	_____
	High torque, low speed 18.7 C.I.R. hydraulic motor, direct coupled to the auger	_____	_____
Spinner	18" polyurethane disc with six fins	_____	_____
	Direct drive	_____	_____
	High torque, 2.8 C.I.R. hydraulic motor, directly mounted under the spinner	_____	_____
	Spinner assembly mounted left center of trough	_____	_____
	Pattern adjusts from right to center and center to left	_____	_____
	Spinner shall remain level without the use of a stabilizer bar	_____	_____
	Stationary shield shall be mounted in front of the spinner to protect the undercarriage of the truck	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Mounting	Mounting brackets shall be bolted to the dump body	_____	_____
	Spreader shall be attached to the mounting brackets with quick disconnect pins.	_____	_____
	One-piece end spill shields shall be incorporated into the end plates to take the place of tailgate mounted spill shields. End spill shields shall be factory designed and installed.	_____	_____
	Top end of the spill shields shall be supported at the dump body	_____	_____
	Spreader mounting shall eliminate material loss between the trough and the dump body	_____	_____

Mobile Data Collection System (MDC) with AVL/GPS

Specifications for one (1) PreCise IX-403 Mobile Data Collection System (MDC) with AVL/GPS, installed on one (1) Medium Duty Cab and Chassis previously described in the above specification.

MDC (Mobile Data Collection System) system shall be fully integrated in all aspects with the FORCE America 5100 or 6100 MA Patrol Commander Control Center. The system must support the FORCE America Advanced firmware/protocol. Device Communication must be bi-directional, to include device handshaking with Send/Receive/Delete routine. Data integrity must be protected by a 16-bit Cyclic Redundant Check-sum and allow for dynamic string definition. (This allows for accurate and verified communication between the SSC5100 or SSC6100 series spreader controller and the AVL modem.)

Comply _____ **Exceptions** _____

The system must communicate at a 19200 baud rate between the FORCE America SSC5100 or SSC6100 series controller and the AVL modem.

Comply _____ **Exceptions** _____

The system must be able to collect and show 37 separate events off the FORCE America SSC5100 or SSC6100.

Comply _____ **Exceptions** _____

The communications technology to be used for transmitting data shall be dual mode – 802.11b and GPRS. System shall include all necessary hardware items, processors, antennas, etc. (This provides the flexibility to use either 802.11b wireless or GPRS to do automatic data downloads if necessary.)

Comply _____ **Exceptions** _____

The system shall provide a RS-232 serial connection, six (6) digital or analog inputs, J1939 and J1708 connections. (The variety of connectors provides flexibility in reading spreader controllers, plow positions, hoist positions, etc. as needed.)

Comply _____ **Exceptions** _____

The inputs shall be configurable through the website to support active-low signals (switch to battery negative) or active-high signals (switch to battery positive).

Comply _____ **Exceptions** _____

The system shall provide a visual LED definition for the status of power, ignition, cellular, WiFi, GPS, and input states.

Comply _____ **Exceptions** _____

The "PWR" LED shall be illuminated red when constant power is applied, and the ignition signal is inactive. The "PWR" LED shall be illuminated green when constant power is applied, and the ignition signal is active.

Comply _____ **Exceptions** _____

The "GPS" LED shall exhibit short red blinks if the GPS receiver is not communicating. The "GPS" LED shall exhibit long red blinks if a short- or open-circuit is detected in the GPS antenna. The "GPS" LED shall exhibit short green blinks if the GPS receiver is acquiring a position fix. The "GPS" LED shall be illuminated solid green if a position fix has been acquired.

Comply _____ **Exceptions** _____

The "CELL" LED shall exhibit short red blinks if the cellular radio is not communicating. The "CELL" LED shall exhibit long red blinks if the cellular radio does not detect network service. The "CELL" LED shall exhibit short green blinks if the cellular radio does detect network service. The "CELL" LED shall exhibit long green blinks if the cellular radio is transferring data. The "CELL" LED shall be illuminated solid green for 60 seconds after the cellular radio has transferred a data file.

Comply _____ **Exceptions** _____

The "WIFI" LED shall exhibit short red blinks if the WiFi radio is not communicating. The "WIFI" LED shall exhibit long red blinks if the WiFi radio does not detect an appropriate access point. The "WIFI" LED shall exhibit short green blinks if the WiFi radio does detect an appropriate access point. The "WIFI" LED shall exhibit long green blinks if the WiFi radio is transferring data. The "WIFI" LED shall be illuminated solid green for 60 seconds after the WiFi radio has transferred a data file.

Comply _____ **Exceptions** _____

The input LEDs (I1-I6) shall be illuminated red whenever the corresponding input is active. The input LEDs shall be off whenever the corresponding input is inactive.

Comply_____ **Exceptions**_____

The output LEDs (O1-O2) shall be illuminated red whenever the corresponding output is active. The output LEDs shall be off whenever the corresponding output is inactive.

Comply_____ **Exceptions**_____

System shall support at least 16MB flash memory for storage of data over extended periods of connectivity loss.

Comply_____ **Exceptions**_____

System shall provide *Store and Forward* capabilities.

Comply_____ **Exceptions**_____

The system shall provide ability to detect and report previous power loss if unit is disconnected then reconnected.

Comply_____ **Exceptions**_____

GPS receiver shall be accurate to less than 5 meters, for at least 90% of readings. Less than 2.5 meters 80% of the time

Comply_____ **Exceptions**_____

System shall have less than 10mA typical current draw in key-off mode.

Comply_____ **Exceptions**_____

System shall meet SAE J1455 environmental specifications and provide +/- 25g shock rating

Comply_____ **Exceptions**_____

System shall support over-the-air firmware updates.

Comply_____ **Exceptions**_____

System shall support over-the-air configuration updates for the following:

1. Start time report intervals
2. Reporting transmit intervals
3. Reporting power up/down
4. Setting GPS database triggers for distance, time, speed and angle.

Comply_____ **Exceptions**_____

System shall include notifications when a vehicle is due for preventive maintenance based on engine hour readings.

Comply_____ **Exceptions**_____

The system shall provide hourly usage reports to reflect how many minutes in each hour a vehicle was in use.

Comply_____ **Exceptions**_____

The system shall provide mileage reports to reflect how many miles in each day, month, and year vehicle drove.

Comply_____ **Exceptions**_____

The system shall provide the ability to draw geo-fences, label fences, and show the accumulation of time and mileage within said fence.

Comply_____ **Exceptions**_____

System shall provide user-configurable notifications for excess speeds, excess idle times, and operation after normal operating hours, previous power loss, maintenance exceptions, and battery voltage.

Comply_____ **Exceptions**_____

The system shall provide user-configurable odometer and hour meter synching to the vehicle's actual odometer and hour meter. System shall also include the ability to readjust both odometer and hour meters if a variance occurs.

Comply _____ **Exceptions** _____

Vehicle AVLPS system shall be of rugged design, constructed of components intended and suitable for the mobile equipment market. To ensure longevity in harsh mobile environments, the system shall conform to SAE1455 for chassis-mounted devices, as well as not be damaged by mechanical shock of +/- 25g. For guaranteed low-temperature operation, the device must operate without degradation of performance in ambient temperatures of -30°C to 60°C.

Comply _____ **Exceptions** _____

The modem shall be dual mode 802.11b and cellular. The cellular radio shall support 850 and 1900MHz UMTS/HSDPA bands. It shall include two RS-232 serial connections and two J1939 and one J1708 connections. The unit will have an OBDII option. The unit will have a 10/100-Base TX Ethernet port and it will also have an embedded USB port. The unit will support a minimum 16MB flash memory for storing data over extended periods of connectivity loss and also provide ability to detect and report previous power loss if unit is disconnected then reconnected.

Comply _____ **Exceptions** _____

The AVLPS system shall be protected and immune to over-voltage conditions and reverse polarity. System shall utilize a live 12V connection to the vehicle battery. To minimize vehicle battery drain, unit typical current draw shall not exceed 9mA during sleep mode (key off).

Comply _____ **Exceptions** _____

The system shall contain all necessary hardware and on-board memory to log GPS coordinates including (latitude/longitude), speed, heading and time, engine hours (ignition "on" time) and spreader data.

Comply _____ **Exceptions** _____

Data strings of outputting data collected by the system from the on-board electronic spreader control shall include comprehensive spreader activity including spreader status, material feed rates, actual materials applied, operating modes, and warning and error conditions and be capable of supporting new spreader functions and features as added. Spreader event data shall be produced and collected based on programmable event triggers that can be based on a field status change. This is to reduce the flow of data and monthly charges due to larger volumes of data being transmitted.

Comply _____ **Exceptions** _____

The AVLPS system shall also log the status change of (6) discrete digital inputs to allow for monitoring the state and condition of various optional vehicle sensors. Connections to unit shall be made with plug-in connectors (not hardwired) to facilitate simple field replacement of components.

Comply _____ **Exceptions** _____

The cellular antenna shall cover the 850MHz and 1900MHz GSM bands, and include an active GPS antenna. The WiFi antenna shall cover the 2.4GHz 802.11b band, and include an active GPS antenna.

Comply _____ **Exceptions** _____

The system shall have a turn-key web hosted vehicle management solution that provides visibility into the daily work activities of the equipped vehicles. It also provides a detailed snow and ice treatment record/history when utilizing the FORCE SSC5100 or SSC6100 series controller. This solution not only provides automatic vehicle tracking data, but it also monitor's actual material application rates (lbs. per lane mile) of salt, salt/sand mix, direct liquids and pre-wet systems as well as air/road temperatures, plow position (up/down and roads actually plowed) as well as tracking vehicle ID number and operator name.

Comply _____ **Exceptions** _____

Software shall have ability to modify cellular reporting characteristics of hardware to optimize information based on need. Configuration possibilities should include ability to initiate report on equipment power-up, power-down, X number of minutes during operation, wake-up feature to set a periodic interval for a "nightly report" and on the change of a switch state (example, when availability switch changes). Customer should be able to change this configuration via a web interface and have changes applied over-the-air without physically handling the GPS device.

Comply _____ **Exceptions** _____

All collected data shall be stored at a data center and available for access by users with the appropriate security access 24 hours per day, 7 days per week. This solution provides detailed mapping and reporting interfaces that are accessible from anywhere in the world through via most standard internet web browsers. All information is kept live on the system's database for three (3) years and backed up on a daily basis per standard IT practices. After the 3 year period, an archive copy is created and stored in case of future needs or litigation claims. In the event that the end user would require access to this data after it was archived, the data can be restored and made available to the end user within 72 hours from the request. All data is stored in a Level 2 data center in Boise, ID and backed up by a RAID 5 storage system.

Comply _____ **Exceptions** _____

The system application allows for configurability of GPS defined by: distance, time, angle change, start, and stop.

Comply _____ **Exceptions** _____

The system application allows for configurability of GPRS defined by: power up, power down, interval(s), wake-up, and switch change.

Comply _____ **Exceptions** _____

The system shall utilize Microsoft ASP.NET web services to make all data collected available to the end user. This data can be used in other applications such as GIS mapping software, MMS software programs or any other open format database software. The end user would be required to provide the appropriate programming and integration into their specific application such as GIS databases. A copy of the Web Services documentation can be provided as a guide to enable this feature.

Comply _____ **Exceptions** _____

The system shall provide automatic downloads of IFTA Reports and Usage Reports.

Comply _____ **Exceptions** _____

The system shall provide integration with intelligent devices such as the SSC5100 or SSC6100, Cleral on-board weighing application, and Road Watch temperature sensors.

Comply _____ **Exceptions** _____

The system shall use a store and forward technology that continues to collect the data and store it onboard the data collection unit. If cell coverage is lost for any reason the system shall continue to store data until cellular connectivity is restored or it can connect to a Wi-Fi access point, at that time the stored data will be safely transmitted.

Comply _____ **Exceptions** _____

The system shall provide user customizable dash board with quick fleet summary reports.

Comply _____ **Exceptions** _____

The system shall geo stamp and reverse geo code every data point provided within the historical trip report and provide clustered data points within the historical trip report for faster load times.

Comply_____ **Exceptions**_____

The system shall provide a “quick look” Home Page that allows the user to see a quick update in regards to the weekly reporting of the assets. Each Home Page for each User is completely customizable based upon the available applications to the Home Page. The current applications available include:

- Full Screen Map
- My Equipment (Fleet based)
- Seven Day Total Distance
- Seven Day Total Idle
- Seven Day Engine Hours
- Seven Day Driving Percentage
- Maintenance Report (Hourly)
- Maintenance Report (Distance)
- Seven Day Speeding Exceptions
- Seven Day Idle Exceptions
- Seven Day Input Usage
- Monthly Calendar
- Days Since Last Report
- Over 30 Minutes since last GPS Report
- Seven Day Input to Engine Hours Report
- Routing
- One Day Total Distance
- One Day Driving Percentage
- One Day Total Idle
- One Day Idle Exceptions
- One Day Engine Hours
- One Day Input Usage
- One Day Input to Engine Hours
- One Day Speeding Exceptions
- New Features

Comply_____ **Exceptions**_____

The system shall provide the following reports and/or information at this time:

- Last known location map view
- Dispatch map (full screen)
- Last location relative to home (pre-determined address)
- Odometer readings
- Total engine hours
- Last time asset reported in
- Last known location (map view)
- Historical trip report (map view)
- Raw data report
- Exception reports
 - Battery voltage
 - Speed
 - Idling
 - Operating during “off” hours
 - Maintenance
 - Power
 - Geo fence (in/out)
 - Temperature (custom attention required)
 - FORCE Controller Exceptions (SSC5100/SSC6100)
 - 34 separate Exceptions. EX: Auger Feedback error
- Zone/Route report (Geo fence application)
- Material Usage Report
- Idle report
- Engine Data Report (J1939/J1708 integration)
- Fleet Stop report
- State Summary report
- Road Condition report (when integrated with Vehicle Data Terminal)
- Individual Vehicle Mileage Report (IFTA/IRP filings)
- Daily Asset Usage report
- Weekly Asset Usage report
- Monthly Asset Usage report
- Custom Asset Usage report
- Custom Input Usage report (monitors usage of 6 discreet inputs)
- Custom Input Distance report (monitors distance of 6 discreet inputs)
- Asset Distance report
- View Maintenance History/Update Maintenance Record
- Fleet Summary report
- Zone Cycle Time report
- Ping Asset (SMS report)
- Health Check report
- GPS Lost for over 30 Minutes report

Comply _____ **Exceptions** _____

The system shall provide an unlimited amount of user defined polygonal geo fences and provide unlimited user logins.

Comply_____ **Exceptions**_____

The system shall allow any authorized personnel to view the data via standard web browsers (i.e. IE, Firefox). Also, it allows the Users with Administration privileges to set up additional Users that may include other Administrators or individuals that only have the ability to view data but not edit any settings or, any combination that the end user would require on a per User basis.

Comply_____ **Exceptions**_____

The system shall provide a fleet-wide settings feature that enables the administrator to set options to apply to the entire fleet eliminating the cumbersome process of setting up and editing each asset individually. The solution can also vary user's privileges to view fleets and reports based on login.

Comply_____ **Exceptions**_____

The system shall provide an In Service, Out of Service and Retired tab so that an asset can be tracked or archived if it is no longer in service.

Comply_____ **Exceptions**_____

The system application shall provide a Maintenance history that is defined by hours and miles or the combination of both.

Comply_____ **Exceptions**_____

The system application shall provide a dispatch application that automatically refreshes and updates every two (2) minutes. Within the dispatch application it allows you to drop a "pushpin" in which it will then display the closest asset when hovering on that "pushpin".

Comply_____ **Exceptions**_____

The system shall allow the end user to select specific icons to display specific assets. The application shall allow for different color code representation for the following: available, unavailable, and maintenance is due.

Comply_____ **Exceptions**_____

The system shall provide all HELP files and documentation online with the application including screenshots and graphical views of how to use the app. These are maintained and updated as new features are released.

Comply_____ **Exceptions**_____

The system shall provide a HELP feature that allows a user to report an issue by clicking on an AMBULANCE icon located in various locations on the application. By clicking on this icon, a user captures the screen he has the question or error and inputs the information into the helpdesk to address the issue.

Comply_____ **Exceptions**_____

The system shall provide LED's that display the status and provides assistance in trouble shooting.

Comply_____ **Exceptions**_____

The system shall allow for JBUS interface and SMS Ping capabilities.

Comply_____ **Exceptions**_____

The system shall have two (2) digital outputs available for configuration.

Comply_____ **Exceptions**_____

The system shall be designed, manufactured and supported in the USA. The design and manufacturing includes the software, hardware, and the firmware.

Comply_____ **Exceptions**_____

Geofencing:

- The system shall have a full screen map when drawing geofences.
- The system shall have toolbar that gives several options:
 - You can view your assets on the map while drawing the geofences. You can undo or delete the last point.
 - You can view other geofences on the map while drawing a new geofence.
- The system shall have the ability to edit an existing geofence.

Comply_____ **Exceptions**_____

Routing – The system shall include the ability to get directions from an asset to a point. The directions can be emailed, texted and printed. There is also the option to modify the route to include other stops and change it based on traffic conditions.

There is also a new widget that will provide similar functionality. The user can just enter the from and to address and again, a new window will open with the map and directions.

Comply_____ **Exceptions**_____

Haul Cycle Report:

- The system shall include a Haul Cycle report designed for customers who have trucks making several trips from a plant to a jobsite in a day. The report helps the customers get a quick and informative view at their average cycle times to identify where time is being wasted. The report shall include:
 - The ability to view multiple trucks for the same job.
 - The first start and last stop for each truck.
 - Averages for the time at each location
 - A widened report and increased font size for easier previewing.

Comply_____ **Exceptions**_____

Icons:

The system shall have the following icons for use on the full screen map:

- Bobcat
- Boring Machine
- Payloader
- Street Sweeper
- Snow Plow
- Truck
- Car
- Box Van
- Excavator
- Service Truck
- Bulldozer
- Haul Truck (Semi)
- Fork Lift
- Van
- Bus
- Tractor

Microsoft Silverlight:

- Silverlight is a tool that boosts the performance and capabilities of the Virtual Earth mapping functions. Specific benefits for users included enhanced graphics, faster performance and a dynamic user interface. There are several features within this release made possible by Silverlight and many more to come.
- Users will have access to Silverlight based on their administrator giving permission to use Silverlight maps. Once this permission is given, the user will see new icons on the map that when clicked will load the Silverlight application and maps.

Comply_____ **Exceptions**_____

Fleet-wide Route Replay:

- The system shall be able to replay an entire day for their fleet and see exactly where each vehicle traveled during the course of the day. Through color-coded lines and a rolling clock, dispatchers and operations managers will see when vehicles cross paths, how long vehicles stayed at certain locations and exactly how the day progressed.

Comply_____ **Exceptions**_____

Wake-up and Check Location Feature:

- The system shall include a feature that allows an administrator to set a regular interval where the device wakes-up and verifies it has not been moved. If it has been moved, the vehicle reports it has moved. Through the use of either geofences or other exception reporting, email alerts could then be sent notifying management that equipment has moved unexpectedly.
- This feature is available on the configuration tab of every asset and can be set fleet-wide.

Comply_____ **Exceptions**_____

Material Usage Report

- The system shall collect data-points to determine the amount material, spreader distance and equipment data to assess exactly the operational cost of winter operation.
- The system shall have the option of having drivers login to the spreader controller using a driver-ID key. The SSC tracks which driver logged in on start-up and throughout a winter storm event and include this information within the Material Usage Report.

Comply_____ **Exceptions**_____

Exception emails for FORCE SSC5100 or SSC6100

- The system shall provide a mechanism for alerting winter operations staff when equipment operates above prescribed levels of speed, idle and when the equipment's battery level is low or there is a power loss. The shall be capable of alerting winter staff of exceptional errors and events coming from the FORCE America SSC5100 or SSC6100.

Comply_____ **Exceptions**_____

LIGHTING AND TOWING

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
Lighting	ICC lights and reflectors shall conform to FMVSS 108	_____	_____
	All dump body lighting shall be LED	_____	_____
	A Federal Signal Model 100F rotating light shall be mounted on a stainless steel swivel bracket attached on the left side of the cab shield. Light shall be activated by a dash mounted switch	_____	_____
	All LED warning lights shall be activated by a dash mounted switch	_____	_____
	An LED spreader light shall be mounted on the spreader, activated by a dash mounted switch	_____	_____
	All light switch positions shall be determined at the pre-build meeting	_____	_____
	ECCO Model 610, or equal, 97 db(a) backup alarm shall be installed	_____	_____
Trailer Towing	Buyers 2" hitch receiver welded into a ½" steel plate attached to the rear frame rails	_____	_____
	15,000 pound capacity	_____	_____
	Two 5/8" "D" Rings welded to the hitch plate	_____	_____
	ICC bumper welded to the hitch plate	_____	_____

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
	Combination 2" pintle ball mounted on a 2" solid ball mount to give an 18" hitch height	_____	_____
	7 way, RV style trailer plug socket recessed into the hitch plate	_____	_____
	7-way to 6-way Reese #118704 or equal, trailer plug adaptor shall be supplied	_____	_____
	Hitch plate shall be painted to match dump body sub-frame	_____	_____

MISCELLANEOUS

CATEGORY	DESCRIPTION	COMPLY	EXCEPTIONS
AVL System	(1) Precise MRM IX-302 GPS/AVL system shall be supplied by the Village for installation by the successful bidder.	_____	_____
Undercoating	Cab and Chassis - undercoating of the underside of the cab and the chassis only. All steel brake and fuel lines shall be undercoated.	_____	_____
	Dump Body – underside of the dump body shall be undercoated. All enclosed panels of the dump body and tailgate, including the rear corner posts shall be rust proofed.	_____	_____
Fire Extinguisher	(1) UL rated, DOT approved 10-B-C fire extinguisher shall shipped loose; to be installed by the Village	_____	_____
Safety Triangles	A reflective safety triangle kit shall be shipped loose; to be installed by the Village	_____	_____
Warranty	All aftermarket equipment installed on the cab and chassis shall have a minimum one year warranty starting from the date of delivery of the unit	_____	_____
Brochures	Descriptive literature for all components must be submitted with the bid	_____	_____
Meetings	A pre-build meeting will be required	_____	_____
	A pre-paint inspection meeting will be required	_____	_____
Manuals	Operator’s manuals, service manuals and wiring diagrams shall be supplied for all equipment installed on the chassis.	_____	_____

ADDITIONAL REQUIREMENTS

All standard equipment provided by the manufacturer shall be supplied on each vehicle. No deletions will be allowed.

All standard and optional equipment shall be factory installed. No aftermarket equipment will be accepted in place of factory supplied equipment. This will also apply to a cab and chassis supplied by the manufacturer to an independent body supplier.

Service manuals and wiring diagrams shall be supplied for all equipment installed by an independent body supplier.

No dealer applied advertising i.e., decals, lettering or license plate frames will be allowed on the vehicle.

A state safety inspection shall be performed on each vehicle if required by law.

A reflective triangle emergency kit shall be provided for each vehicle if required by law.

The title and municipal license plates shall be applied for by the vendor. The title application shall include the following owner information:

Village of Orland Park
14700 Ravinia Avenue
Orland Park, IL 60462

The vehicle shall be delivered with a state of Illinois temporary license tag.

The invoice and factory window stickers shall be provided to the Village at the time of delivery.

ACCEPT _____

EXCEPTION TO REQUIREMENTS _____

X

Signature of Authorized Signee

ADDITIONAL INFORMATION

CAB AND CHASSIS
YEAR, MAKE, MODEL _____

COST – EACH F550 REGULAR CAB 4WD CAB AND CHASSIS W/O AFTERMARKET
EQUIPMENT _____

EQUIPMENT PACKAGES

	Manufacturer	Cost per Package
Dump Body	_____	_____
Hydraulic System	_____	_____
Snowplow	_____	_____
Spreader	_____	_____
MDC/AVL/GPS*	_____	_____
* Only (1) MDC/AVL/GPS required		
Lighting/Towing	_____	_____
Other/ Misc.	_____	_____
TOTAL EQUIPMENT COST – Per Chassis		_____

**TOTAL COST TWO (2) F550 REGULAR CAB 4wd, CAB and CHASSIS UNITS WITH
ALL AFTERMARKET EQUIPMENT**

\$ _____
(List the Total Cost written here on the Bidder Summary Sheet in Section II also)

DELIVERY TIME (DAYS)
AFTER RECEIPT OF
PURCHASE ORDER _____

X

Signature of Authorized Signee