



**CITY OF BLOOMINGTON**

401 N Morton St  
Bloomington, IN 47404  
[www.bloomington.in.gov](http://www.bloomington.in.gov)

**INVITATION TO BID**

For

**PICK-UP TRUCKS, DUMP TRUCKS AND A UTILITY WORK MACHINE**

**ITB #2016-CON-002**

**RELEASE DATE: AUGUST 8, 2016**

**SUBMITTAL DATE: AUGUST 23, 2016**

## TABLE OF CONTENTS

	<u>PAGE</u>
<b>INVITATION</b> .....	1
<b><u>PART I</u></b>	<b><u>GENERAL INFORMATION</u></b>
1.1	Background ..... 1
1.2	Specifications ..... 1
1.3	Miscellaneous Requirements..... 2
1.4	Award ..... 2
1.5	Key Deadline Dates ..... 3
<b><u>PART II</u></b>	<b><u>GENERAL CONDITIONS</u></b>
2.1	Submission Instructions ..... 3
2.2	Bid Submittal Costs ..... 4
2.3	Acceptance..... 4
2.4	Inquiries and Addenda ..... 4
2.5	Compliance ..... 5
2.6	Bid Rejection ..... 5
2.7	Bid Submittal Format and Form..... 5
<b><u>PART III</u></b>	<b><u>GENERAL REQUIRMENTS</u></b>
3.1	Bid Bond ..... 6
3.2	Bidder Registration ..... 6
3.3	Payment Preference ..... 6
3.4	Tax Exemption..... 7
3.5	Payment Information and Invoice Submittal..... 7
3.6	Abandonment ..... 7
3.7	Affirmative Action Plan ..... 8
3.8	E-Verify Affidavit ..... 8
3.9	Non-Collusion Affidavit..... 8
<b><u>EXHIBITS</u></b>	
Bid Submittal Form .....	Exhibit A
Affirmative Action Plan .....	Exhibit B
E-Verify Affidavit .....	Exhibit C
Bid, Offer, or Proposal for Sale or Lease of Materials .....	Exhibit D
Specification Sheets .....	Exhibit E

**INVITATION:** The City of Bloomington Board of Public Works (hereinafter “City”) is seeking sealed bids for various Pick-Up Trucks, Dump Trucks with Snow Removal Equipment, and a Utility Work Machine. Sealed bids will be received in the City of Bloomington Public Works Department located in City Hall at 401 N. Morton St. Ste. 120, Bloomington, Indiana. Sealed bids will be accepted until 4:30 p.m. (local time) August 23, 2016.

**GENERAL INFORMATION  
PART I**

**1.1 BACKGROUND:** The City will be accepting sealed bids for the following units:

**Pick-up Trucks (6)**

Three Quarter Ton Pick-Ups with 4-Wheel Drive and Various Options

**Utility Work Machine (1)**

Toolcat Utility Work Machine

**Dump Trucks (3)**

Tandem Axle Trucks w/Snow Removal Equipment

**1.2 SPECIFICATIONS (Exhibit E):** Detailed specification sheets for each unit are included in this Invitation to Bid (ITB). Unless otherwise specifically provided in this bid request, reference to any equipment, material, article, or patented process by trade name, make, model or catalog number in these specifications shall be regarded as establishing a standard of quality, and shall not be construed as limiting competition and equal products may be substituted. Equivalency will be determined by the City.

1.2.1 The bidder shall furnish complete detailed specifications on all materials or options they wish to substitute. Any variation or deviation from the listed specifications must be clearly defined and listed on the specification sheet for each unit.

1.2.2 When the City approves a substitution by the Bidder, it is with the understanding that the Bidder guarantees the substituted materials or options shall be equal to, or exceed those specified.

1.2.3 The City’s decision as to the equality of the substituted specifications shall be final. The cost of any redesign caused by a substitution shall be borne by the Bidder.

1.2.4 All units listed in the Invitation to Bid shall be new and the latest model available from the manufacturer.

1.2.5 All units shall be manufactured in the United States, whenever possible, as pursuant to Indiana Code 5-22-15-21.

**1.3 MISCELLANEOUS REQUIREMENTS:** The following requirements are applicable to the delivery of any units that may result from the award of a bid. Any deviation from these requirements may result in a delay in processing of an invoice for payment.

a. FOB Point is to the following address:

City of Bloomington Fleet Department  
800 E Miller Dr.  
Bloomington, IN 47401

b. All Certificates of Origin/Title Work shall list the City as the owner using the address below:

City of Bloomington  
401 N Morton St.  
Bloomington, IN 47404

c. When applicable, each unit shall be delivered with a temporary registration card and plate issued by the State of Indiana. Temporary registration documents must be valid for a minimum of thirty (30) days from delivery date.

**1.4 AWARD:** The award of a Bid, if any award is made, will only be to a responsible and responsive bidder who submitted the best overall value to the City and whose unit, or units, complies with all the specifications prescribed within this invitation.

1.4.1 The City reserves the right to award on an all or-none basis, or award to multiple Bidders.

1.4.2 If an award is to be made, it shall be made at a subsequent Board of Public Works meeting. The City reserves the right to rescind any award if it is determined the offer is not in the best interest of the City, or if errors, omissions, inaccuracies, non-compliance, or any deficiencies are discovered after the award has been issued.

1.4.3 If the City determines that all bids received should be rejected, Bidders shall be notified by the Purchasing Manager accordingly. The City may or may not resubmit the Invitation to Bid request.

1.4.4 If the Board of Public Works approves the award of bid contracts, bid tabulations will be available for review within twenty-four (24) hours at: <https://bloomington.in.gov/rfp>. Results shall not be given over the telephone, or via email prior to the award of a bid contract.

1.4.5 Bids may be withdrawn any time *prior* to the scheduled deadline for receipt of bids; no bid may be modified or withdrawn for a period of sixty (60) calendar days thereafter.

**1.5 KEY DEADLINE DATES:**

Event	Time	Day	Date
Invitation to Bid Issuance Date	N/A	Monday	August 8, 2016
Last Date to Submit Inquires	5:00 p.m. Local Time	Thursday	August 18, 2016
Affirmative Action Plan Due Date	5:00 p.m. Local Time	Monday	August 22, 2016
<b>Bid Submittal Deadline</b>	4:30 p.m. Local Time	Tuesday	August 23, 2016
<b>Bid Opening</b>	5:30 p.m. Local Time	Tuesday	August 23, 2016

**GENERAL CONDITIONS  
PART II**

**2.1 SUBMISSION INSTRUCTIONS:** Sealed bids shall be submitted to the attention of the City of Bloomington Public Works Board. The original hard copy bid submittal packet shall be clearly marked "Truck or Utility Machine Bids". Bids will be due to the address listed below on or before 4:30 p.m. local time, Tuesday, August 23, 2016. No electronic or facsimile offers will be accepted.

Sealed bids will be opened and read aloud at the Board of Public Works meeting on Tuesday, August 23, 2016, at 5:30 p.m. local time. Any bids received after the deadline will be returned unopened.

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**Submit Bids To:**

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City of Bloomington Board of Public Works  
 Truck or Utility Machine Bids  
 Attn: Kyla Cox Deckard, President  
 401 N Morton Dr. Suite 120  
 Bloomington, IN 47404

- 2.1.1 Bidders may bid on one (1) or more units however, each bid submitted must include a separate Bid Submittal Form clearly defining the unit on which the Bidder is submitting a bid on.
- 2.1.2 It is the Bidder's responsibility to assure actual delivery of bid documents with the City prior to the established deadline. To confirm receipt of your submittal, please contact Christina Smith at 812.349.3589, or [smithc@bloomington.in.gov](mailto:smithc@bloomington.in.gov).
- 2.2 **BID SUBMITTAL COSTS:** Those submitting bids do so entirely at their expense. There is no expressed or implied obligation by the City to reimburse any individual or firm for any costs incurred in preparing or submitting bids, or providing additional information when requested by the City.
- 2.3 **ACCEPTANCE:** Submission of any bid indicates acceptance of the conditions and requirements contained in the ITB unless clearly and specifically noted otherwise in the bid documents.
- 2.4 **INQUIRIES AND ADDENDA:** It is Bidder's responsibility to clarify any details in question before a bid is submitted. All questions should be emailed to the attention of Julie Martindale, Purchasing Manager at [martindj@bloomington.in.gov](mailto:martindj@bloomington.in.gov). Email inquiries shall include "ITB #2016-CON-002" in the subject line.

**Inquires may be submitted in written form via email until 5:00 p.m. local time, Thursday, August 18, 2016.**

- 2.4.1 Inquires shall reference the specification unit title (i.e., ¾ Ton Pick-Up), specification line number, and page number, or the ITB section number relevant to the question presented for clarification.
- 2.4.2 Responses shall be in written form via email to the requesting Bidder within one (1) business day when possible.
- 2.4.3 If necessary, an addendum or addenda will be issued, and accessible on the City's RFP page which is located here: <https://bloomington.in.gov/rfp>.
- 2.4.4 It is the Bidder's responsibility to access the City's RFP webpage prior to submitting a bid to insure no updates, additions, omissions, or corrections have been posted.
- 2.4.5 Any ambiguities or inconsistencies shall be brought to the attention of the City through written communication or via **email** by 5:00 p.m. local time, August 18, 2016.

2.4.6 The City assumes no liability for assuring accurate, complete, or on time e-mail transmissions, or receipts.

**Bid questions should be addressed to:**

Julie Martindale, Purchasing Mgr.

[martindj@bloomington.in.gov](mailto:martindj@bloomington.in.gov)

- 2.5 COMPLIANCE:** The Bidder warrants and agrees that its performance under any award or contract that may be rendered from this bid will at all times comply with all local, state and federal laws, codes, rules, ordinances and regulations.
- 2.6 BID REJECTION:** The City reserves the right to reject any and all bids, in whole or in part, to waive any and all informalities, and to disregard all non-conforming, non-responsive or conditional bids.
- 2.7 BID SUBMITTAL FORMAT AND FORM (Exhibit A):** In order to facilitate the bid opening, Bidders are required to submit their bid(s) on the Bid Submittal Form included in this packet. Every unit a Bidder submits a bid on shall require its own Bid Submittal Form.
- 2.7.1 The bid price shall be a delivered price. All units will be shipped F.O.B. destination as specified in this invitation. No additional fuel surcharges, delivery or destination fees will be allowed that are not clearly detailed and included in the bid submittal for each unit.
- 2.7.2 Specification sheets for each unit shall be included denoting which specifications were met, or exceeded. If deviations are necessary, they must clearly be defined on the specification sheet. The total unit price must also be documented on the last page of each set of specifications. The last page of each specification must also include an authorized signature to be considered valid.
- 2.7.3 Detailed pricing sheets shall be submitted which include the cost breakdown of all standard equipment and features on the unit(s).
- 2.7.4 Brochures and detailed cut sheets shall be supplied for each unit.
- 2.7.5 Properly executed E-verify Affidavit must be included with the bid submittal. If a Bidder submits a bid for multiple units, only one (1) copy of the affidavit is required.
- 2.7.6 Bid, Offer or Proposal for Sale or Lease of Materials form. Each submittal shall include a completed form. The form is included with this packet. This form also includes a Non-Collusion Affidavit which is required for a bid to be considered

valid. The form shall be completed and notarized. Offers submitted without proper signatures and notarization will be considered invalid and shall be deemed non-compliant.

- 2.7.7 For each unit upon which a Bidder submits a bid, bid documents shall be submitted in this order:
1. City of Bloomington Bid Submittal Form with pricing, manufacturer, model and year for the unit.
  2. Bid Bond or certified check.
  3. Completed and signed specifications sheets.
  4. Detailed pricing sheets.
  5. Brochures or cut sheet information.
  6. E-Verify Affidavit properly executed.
  7. Bid, Offer or Proposal for Sale or Lease of Materials form.

Any bid submitted that deviates from these instructions may be considered non-responsive and may be disqualified at the discretion of the City.

### **GENERAL REQUIREMENTS PART III**

- 3.1 BID BOND:** Each bidder shall include with their bid documents either a certified check, or cashier's check drawn on an acceptable bank, or a bid bond made payable to City of Bloomington in the sum equal to five percent (5%) of the bid. Bidders may submit separate bid bonds for each unit being bid upon OR may submit one (1) bid bond equal to 5% of the combined total of all bids submitted.
- 3.2 BIDDER REGISTRATION:** Upon notification of an award, a Bidder must meet the approval requirements of the City. Therefore, the Bidder shall submit a current and completed Request for Taxpayer Identification Number and Certification form (IRS Form W-9) to the Controller's Office as soon as they have been notified of a bid award. A substitute IRS W-9 form can also be obtained from the City of Bloomington website located here: <http://bloomington.in.gov/controller>. The completed documents must be submitted to the address listed on the forms.
- 3.3 PAYMENT PREFERENCE:** The City's preferred method of payment is Electronic Funds Transfer (EFT). Payments processed through an EFT save dollars by increasing efficiency and streamlining the payment process. This eliminates the cost of paper, printing, postage, paperwork, and time.

If awarded a bid, the Bidder shall submit a completed EFT form to the Controller's office through one of the methods listed on the form. The form is located on the City of

Bloomington website located here: <http://bloomington.in.gov/controller>.

**3.4 TAX EXEMPTION:** The City of Bloomington is exempt from payment of all state and federal sales taxes. Tax documents are available upon request.

**3.5 PAYMENT INFORMATION AND INVOICE SUBMITTAL:** Payment for invoices shall be processed upon receipt of an acceptable original invoice, and after the unit has been received, and verified for accuracy.

Invoice(s) shall be submitted to the following address and **NOT** included with the delivery documents when unit is delivered.

City of Bloomington Controller's Office  
Attn: Julie Martindale  
PO Box 100  
Bloomington, IN 47402

Invoices shall include the following information:

- Company name and address
- Date of shipment
- Total amount due
- Unit price
- Extended price
- Quantity
- Description of goods
- PO number

3.5.1 Surcharges (i.e., fuel surcharges, restocking, etc.) shall NOT be added to invoices as an additional line item unless approved in writing from the Purchasing Manager.

3.5.2 The City is exempt from the payment of sales taxes. Any charges for taxes from which the City is exempt shall be deducted from invoices before payment is made.

**3.6 ABANDONMENT:** Notwithstanding any other provision of this Award, if funds for the continued fulfillment of the Award by the City are at any time not forthcoming or are insufficient, through failure of any entity to appropriate the funds or otherwise, then the City shall have the right to terminate this Award or Contract without penalty by giving written notice documenting the lack of funding in which instance, unless otherwise agreed by the City and Recipient, this Award shall terminate and become null and void. The City agrees that it shall make its best effort to obtain sufficient funds, including but not limited to, including in its budget for each fiscal period during the term of this Award a request for sufficient funds to meet its obligations under the Award in full.

**3.7 AFFIRMATIVE ACTION PLANS (Exhibit B)** – (REQUIRED ON CONTRACTS OVER \$10,000)  
Each Bidder submitting an offer for over \$10,000.00 shall submit and have approved by the City of Bloomington Contract Compliance Officer, Barbara McKinney,

his/her written Affirmative Action Plan (AAP) at least twenty-four (24) hours prior to the deadline for submission of bids.

Each Bidder must insure that all employees and applicants for employment are not discriminated against because of race, religion, color, sex, national origin, ancestry, disability, sexual orientation, gender identity, veteran status or housing status. All the protected classes must be included in your Affirmative Action Plan for it to be acceptable.

In addition to other requirements, your plan MUST include a workforce breakdown, an internal grievance procedure, a non-retaliation statement, designation of a person by name or position who is responsible for implementation of the Plan, applicability to both applicants and employees, recruitment of minorities, equal access to training programs, and an explanation of your method of communicating the operations of your Affirmative Action Plan to employees and prospective applicants.

***If a Bidder submitted, and had approved, an Affirmative Action Plan for prior ITB #2016-CON-001, then they will not be required to submit another plan for this Invitation. Approved AAP's are valid for six (6) months.***

Barbara McKinney, Contract Compliance Officer, may be contacted at (812) 349-3429, 8:00 a.m. to 5:00 p.m. Monday through Friday. The Affirmative Action Plan paperwork is provided in this Invitation to Bid.

- 3.8 E-VERIFY AFFIDAVIT (Exhibit C):** Bidders are required to enroll in and verify the work eligibility status of all newly-hired employees through the E-Verify program. The E-verify affidavit must be properly executed and submitted with the bid documents.
- 3.9 NON-COLLUSION AFFIDAVIT (Included in Exhibit D):** Bidder is required, pursuant to Indiana Code 5-22-16-6, to affirm it has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by the Bidder, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.



**BID SUBMITTAL FORM**

**TO:** City of Bloomington Board of Public Works  
Attn: Kayla Cox Deckard, President  
401 N Morton St. Ste. 120  
Bloomington, IN 47404

Bids must be sealed and either mailed or hand delivered to the address shown on this form. No faxed or emailed Bids will be allowed. Bids received after the submittal date and time will be returned to the Bidder unopened.

**Bidder Information:**

Company: \_\_\_\_\_

**Signature:** \_\_\_\_\_

Name (print): \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

UNIT	DESCRIPTION	PRICE FOR UNIT
1.		\$

Bidders shall provide year, manufacturer, model in the description field.

Price per unit should include all costs including all applicable fees.



City of Bloomington Human Rights Commission  
2016

RE: Affirmative Action and Living Wage Ordinance

To: Prospective Bidders/Vendors

Affirmative Action: All bidders and vendors with the City of Bloomington for projects in excess of \$10,000.00 must submit an affirmative action plan to my office. This plan must insure that applicants are employed and that employees are treated in a manner that provides equal employment opportunity and tends to eliminate inequality based upon race, religion, color, sex, national origin, ancestry, disability, sexual orientation, gender identity, veteran status and housing status. Please note that the last four categories are new, adopted by the Common Council in September, 2015.

Even if your company already has a plan on file with the City, you must check with me to make sure that it complies with our current and recently updated requirements. If you already have a plan, but it does not cover all of the City's current requirements, you may submit a separate supplement with your plan to fill any gaps.

You must submit your written affirmative action plan (or supplement) to me at least twenty-four hours before the bid, quote or proposal deadline. You must submit your plan to me separately from your bid or quote. The twenty-four hours will give me sufficient time to review your and the other plans. I recommend that you submit your affirmative action plan to me earlier, if possible, so that you and I will have time to work out any problems that may be in your plan. Vendor's who fail to submit acceptable plans by the deadline are subject to disqualification.

I strongly advise you to confirm with me that I have received your plan and that it meets our requirements well before the submittal deadline. We will make every effort to work with you to clear up problems. But it remains your responsibility to confirm that I received your plan and that it complies with our requirements. If you fail to confirm that I received and approved your plan, you risk losing your eligibility to submit a bid or quote. We will be glad to provide a receipt upon request. Please let us know if you want a receipt when you submit your plan.

You must insure that all the protected classes listed above are included in your plan. In addition to other requirements, your plan MUST include a current workforce breakdown, an internal grievance procedure, a non-retaliation statement, designation of a person by name or position who is responsible for implementing the plan, applicability to both applicants and employees, recruitment of minorities, equal access to training programs, and an explanation of your methods of communicating the operations of your affirmative action plan to your employees and prospective applicants.

Accompanying this letter you will find the following materials:

- (1) A workforce breakdown form. You **MUST** submit a workforce breakdown (sometimes called a "utilization report") with your Affirmative Action plan. This form is provided for your convenience. If you already have a current form you have completed for another jurisdiction that includes the same type of information, you may substitute a copy of that form instead of using our form. Your workforce breakdown figures must be updated every six months. Even if you already have an acceptable affirmative action plan on file with my office, you should submit a new workforce breakdown each time you bid for a City Contract, to be sure we have up-to-date figures.
- (2) An Affirmative Action Plan checklist. I will use this checklist to review your affirmative action plan. If you compare your plan with this list, you should be able to tell whether your plan fulfills the City's requirements. If you omit any of the elements on the checklist, your plan will not be approved.
- (3) A sample affirmative action plans. These may be useful if your company has never designed an affirmative action plan before. Feel free to adopt this plan as your own or to amend it to meet your needs.

Additional materials, such as the City of Bloomington's Contract Compliance Regulations, are available from my office upon request.

**Living Wage:** Also, please be aware that you may be required to comply with the Bloomington Living Wage Ordinance. Whether the LWO applies to your project depends upon the size and type of your project and the number of people you employ. If you have questions about the applicability of the LWO, click on the LWO flow chart at: [www.bloomington.in.gov/livingwage](http://www.bloomington.in.gov/livingwage) or call me. For 2016, the living wage for covered employees is \$12.32 an hour.

If you have any questions, contact me at 812.349.3429 or email me at the following address: [mckinneb@bloomington.in.gov](mailto:mckinneb@bloomington.in.gov). My office hours are Monday through Friday, 8-5.

Thank you.

Barbara E. McKinney, Human Rights Director/Contract Compliance Officer

## **BLOOMINGTON HUMAN RIGHTS COMMISSION**

### **Model Affirmative Action Plan for**

\_\_\_\_\_, Inc., declares its policy to provide equal opportunity in employment, training and advancement, and to administer its employment practices without regard to race, color, religion, sex, national origin, ancestry, disability, sexual orientation, gender identity, veteran status, or housing status.. Our policy of nondiscrimination will prevail throughout every aspect of our employment practices, including recruitment, hiring, training and all other terms and conditions of employment. We shall implement an affirmative action plan to make it widely known that equal employment opportunities are available on the basis of individual merit. We shall survey and analyze our employment workforce annually to determine what steps, if any, are needed to conform effectively to this equal employment policy.

#### **Responsible Officer**

Mr. or Ms. \_\_\_\_\_ (or the \_\_\_\_\_ officer) is the equal employment opportunity officer for our company and is responsible for implementing this affirmative action policy.

#### **Publication of Policy**

Our employees will be made aware of our commitment to affirmative action through the following procedures:

- posting notices on employee bulletin boards,
- including our policy statement and plan in our personnel manual,
- regularly sending out notice of our policy in paycheck envelopes,
- and training supervisors to recognize discriminatory practices.

We will make potential employees aware of our policy through the following procedures:

- including the words "Equal Opportunity Employer" in all of our advertisements and notices for \_\_\_\_\_ job openings,
- notifying employment agencies about our commitment, and
- sending notice of our policy to unions.

#### **Implementing Our Policy**

Our affirmative action plan will be implemented by widening our recruitment sources. We shall advertise in newspapers and other media that reach people in protected classes. We shall send job notices to schools with large percentages of students in the protected classes and to local groups that serve these classes.

We shall examine our hiring practices periodically to insure that we consider only job-related qualifications in filling our positions. We shall discard irrelevant educational requirements and unnecessary physical requirements. We shall retain only job-related questions on our employment application.

We shall keep affirmative action information on each applicant, but separate from his or her application. We shall keep records on our hiring decisions to evaluate the success of our affirmative action measures. We shall decide placement, duties, benefits, wages, training prospects, promotions, layoffs and terminations without regard to race, sex, religion, color, national origin, ancestry, disability, sexual orientation, gender identity, veteran status or housing status.

## Grievance Procedure

If an employee feels he or she has been discriminated against on the basis of race, sex, religion, color, national origin, ancestry, disability, sexual orientation, gender identity, veteran status or housing status, he or she may bring the complaint to his or her immediate supervisor. If the complaint is not resolved readily at that level, he or she may submit it to \_\_\_\_\_ (personnel officer, corporate president, other) who will make a final decision on its validity. This grievance process does not preclude his or her complaining to local, state or federal civil rights agencies. We will not retaliate against an employee or applicant for voicing a grievance or for filing a complaint with the appropriate agency.

Our current workforce breakdown is shown on the attached form.

\_\_\_\_\_  
Corporate President

\_\_\_\_\_  
Date

## AFFIRMATIVE ACTION PLAN CHECKLIST

NOTE: This is **not** an Affirmative Action Plan

Effective Date: \_\_\_\_\_

<b>Contractor: Plan MUST Include:</b>	<b>Yes</b>	<b>No</b>	<b>Comments:</b>
Policy statement of equal employment opportunity	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Covers:</b> Applicants for employment	<input type="checkbox"/>	<input type="checkbox"/>	
Employees	<input type="checkbox"/>	<input type="checkbox"/>	
<b>On basis of:</b> Race	<input type="checkbox"/>	<input type="checkbox"/>	
Religion	<input type="checkbox"/>	<input type="checkbox"/>	
Color	<input type="checkbox"/>	<input type="checkbox"/>	
Sex	<input type="checkbox"/>	<input type="checkbox"/>	
National Origin	<input type="checkbox"/>	<input type="checkbox"/>	
Ancestry	<input type="checkbox"/>	<input type="checkbox"/>	
Disability	<input type="checkbox"/>	<input type="checkbox"/>	
Sexual Orientation	<input type="checkbox"/>	<input type="checkbox"/>	
Gender Identity	<input type="checkbox"/>	<input type="checkbox"/>	
Veteran Status	<input type="checkbox"/>	<input type="checkbox"/>	
Housing Status	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Designates a person responsible for implementation of the Plan</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Provides for communication of the policy:</b>			
Within the Organization	<input type="checkbox"/>	<input type="checkbox"/>	
Outside the Organization (e.g., recruitment sources, unions)	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Applies to all terms and conditions of employment (e.g., hiring, placement, promotion, duties, wages, benefits, use of facilities, layoff, discipline, termination)</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Provision for: Recruitment from minority groups</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Provision for: Equal access to training programs</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Grievance Procedure</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Prohibits retaliation for filing grievances</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Workforce Breakdown (figures up to date within 6 months)</b>	<input type="checkbox"/>	<input type="checkbox"/>	



STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

**AFFIDAVIT REGARDING E-VERIFY**

The undersigned, being duly sworn, hereby affirms and says that:

1. The undersigned is the \_\_\_\_\_ of \_\_\_\_\_.  
(Job title) (Company name)

2. The company named herein that employs the undersigned has contracted with or is seeking to contract with the City of Bloomington to provide services.

3. The undersigned hereby states that, to the best of his/her knowledge and belief, the company named herein does not knowingly employ an "unauthorized alien," as defined at 8 United States Code 1324a(h)(3).

4. The undersigned hereby states that, to the best of his/her knowledge and belief, the company named herein is enrolled in and participates in the E-verify program.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed name

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

Before me, a Notary Public in and for said County and State, personally appeared \_\_\_\_\_ and acknowledged the execution of the foregoing this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed name

My Commission Expires: \_\_\_\_\_

County of Residence: \_\_\_\_\_

**CITY OF BLOOMINGTON  
 BID, OFFER OR PROPOSAL FOR SALE OR LEASE OF MATERIALS**

**EXHIBIT D  
 (2 pgs.)**

\_\_\_\_\_  
 (PLEASE TYPE OR PRINT MATERIAL NAME)

\_\_\_\_\_  
 (DATE)

- 1. Governmental Unit: City of Bloomington Board of Public Works
- 2. County: Monroe
- 3. Bidder (Firm): \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City/State/Zip Code: \_\_\_\_\_
- 4. Telephone Number: \_\_\_\_\_
- 5. Agent of Bidder (if applicable): \_\_\_\_\_

Pursuant to notices given, the undersigned offers bid(s) City of Bloomington Board of Public Works. In Accordance with the following attachment(s) which specify the class or item number or description, quantity, unit price and total amount.

The Contract will be awarded by classes or items, in accordance with specifications. Any changes or alterations in the items specified will render such bid void as to that class or item. Bidder promises that he/she has not offered nor received a less price than that price stated in his/her bid for the materials included in said bid. Bidder further agrees that he/she will not withdraw his/her bid from the office in which it is filed. A certified check or bond will be filed with each bid if required, and liability for breach shall be enforceable upon the contract, the bond or certified check or both as case may be.

\_\_\_\_\_  
 SIGNATURE OF BIDDER OR AGENT

**BID OFFER OR PROPOSAL**

Attach separate sheet listing each item bid based on specifications published by governing body. The following is an example of this bid format:

CLASS OR ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT

**NON-COLLUSION AFFIDAVIT**

STATE OF INDIANA    )  
                                   ) SS:  
 \_\_\_\_\_ COUNTY    )

The undersigned bidder or agent, being duly sworn on oath, says that he/she has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership representative represented by him/her, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He/She further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

\_\_\_\_\_  
 BIDDER (FIRM)

\_\_\_\_\_  
 SIGNATURE OF BIDDER OR AGENT

Subscribed and sworn to me this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

My Commission Expires: \_\_\_\_\_  
Notary Public

County of Residence: \_\_\_\_\_

**ACCEPTANCE**

There now being sufficient unobligated appropriated funds available, the contracting authority of City of Bloomington Board of Public Works hereby accepts the terms of the attached bid for classes or items numbered and promises to pay the undersigned bidder upon delivery of the price quoted for the materials stipulated in said bid.

**BOARD OF PUBLIC WORKS MEMBERS:**

\_\_\_\_\_  
KELLY M. BOATMAN, VICE-PRESIDENT

\_\_\_\_\_  
KYLA COX DECKARD, PRESIDENT

\_\_\_\_\_  
DANA PALAZZO, SECRETARY

## **EQUAL PRODUCTS**

Unless otherwise specifically provided in the following specifications, reference to any equipment, material, article, or patented process by trade, name, make, or catalog number in these requirements, shall be regarded as establishing a standard of quality, and shall not be construed as limiting competition and equal products may be substituted if approved in writing by the City.

- a. The Bidder shall furnish complete detailed specifications on all materials they wish to substitute. If deemed necessary by the City, the Bidder shall, at their own expense, have tests made to prove the equality of the substituted products
- b. The City's decision as to the quality of the materials shall be final. The cost of any redesign caused by a substitution shall be borne by the Bidder.
- c. When the City approves a substitution by the Bidder, it is with the understanding that the Bidder guarantees the substituted article or materials to be equal to, or better than those specified. Any item or material not specified or approved which is used in the installation is at the Bidder's own risk and the City has the right to order it removed and replaced by the specified item or material without challenge from the Bidder and without additional cost to the City.

# THREE QUARTER TON 4WD PICK UP TRUCK

Exhibit E

Replacement for # 405, # 4191, # 4131

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?	DESCRIBE DEVIATIONS
1	Gross Vehicle Weight	9,000 lb. minimum	Yes [ ] No [ ]	
2	Front Axle	4,500 lb. minimum with auto locking hubs	Yes [ ] No [ ]	
3	Rear Axle	6,000 lb. minimum with limited slip	Yes [ ] No [ ]	
4	Front Suspension	4,500 lb. minimum	Yes [ ] No [ ]	
5	Rear Suspension	6,000 lb. minimum	Yes [ ] No [ ]	
6	Battery	Heavy duty 600 CCA minimum maintenance free	Yes [ ] No [ ]	
7	Engine	5.3 L minimum V-8	Yes [ ] No [ ]	
8	Alternator	Heavy duty 100 amp. hr. minimum	Yes [ ] No [ ]	
9	Cooling	Heavy duty radiator with recovery system	Yes [ ] No [ ]	
10	Gauges	Oil, amp and temperature (no lights)	Yes [ ] No [ ]	
11	Steering	Power	Yes [ ] No [ ]	
12	Shock Absorbers	Heavy duty double action type	Yes [ ] No [ ]	
13	Brakes	Power assisted disc front/ rear	Yes [ ] No [ ]	
14	Transmission	Heavy duty automatic with auxiliary cooler	Yes [ ] No [ ]	
15	Fuel Tank	32 gallon minimum capacity	Yes [ ] No [ ]	
16	Tires	To match GVW, mud & snow with full size spare mounted under rear of bed	Yes [ ] No [ ]	
17	Wheels	Standard steel with hub caps	Yes [ ] No [ ]	
18	Bed	Long 8' fleet side type	Yes [ ] No [ ]	<i>Enter amount here:</i>
		Price adjustment for bed modification for extended cab option	Yes [ ] No [ ]	
19	Rear Bumper	Step type	Yes [ ] No [ ]	
20	Tow Hooks	Front required	Yes [ ] No [ ]	
21	Cab	Standard with fresh air heater & defroster, air conditioner, tilt wheel, cruise control, dual outside below eye level mirror, power outlet, dome light, cargo light, electric two speed wipers with intermittent setting, and washers. AM/FM radio with clock, power locks and windows, factory tint on all windows - after factory installations will NOT be acceptable	Yes [ ] No [ ]	
22	Floor and Seats	Vinyl	Yes [ ] No [ ]	
23	Strobe Lights	Tomar light bar with (2) #800R1 or equal strobes mounted to the top of cab with power supply and light switch in cab.	Yes [ ] No [ ]	
24		Shall have 4 corner lights installed.	Yes [ ] No [ ]	
25		Shall be wired separately with its own switch in easy reach of operator	Yes [ ] No [ ]	
26		Wire for the light on the cab shall be contained inside cab	Yes [ ] No [ ]	
27	Trailer Brakes	There shall be an Integrated trailer brake controller mounted in easy reach of driver	Yes [ ] No [ ]	
28	Towing Equipment	Trailer hitch receiver, electric brake control wiring harness, 7-way sealed connector, fully independent fused trailer circuits, 6-ton pintle hitch with 2" ball, and mount shall be included	Yes [ ] No [ ]	

# THREE QUARTER TON 4WD PICK UP TRUCK

Replacement for # 405, # 4191, # 4131

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?	DESCRIBE DEVIATIONS
29	Color	Exterior: White Interior: Dark Gray	Yes [ ] No [ ]	
30	Manual	Included	Yes [ ] No [ ]	
31	Warranty	Warranty information included	Yes [ ] No [ ]	
32	Delivery	Unit shall be delivered with six (6) sets of keys	Yes [ ] No [ ]	
		Please indicate delivery date ARO		

**Enter Make/Model/Year:**

**Cost of Specified Unit:**

\$

Please provide a cost for the following options:

1	Engine	Diesel		
2	Extended Cab	Extended cab with short bed option - 6 1/2 foot fleet side bed with four doors		
3	Body Rustproofing	Rust protection		
4	Snow Plow	7 1/2 ft. Western Pro Series plow or <b>approved</b> equal installed		
5	Bed Liner	Spray on bed liner- Rhino lining or equivalent - Installer must use hot, high pressure system		
6	Cab Strobe Light	Remove from base specifications of the Tomar light bar with strobe lights and install a 54" Federal Signal Jet Stream or equal light bar with same wiring, switch, and mounting to the top of cab		
7	Lift gate	Tommy Gate Model TP 38 or equal, including installation		

**\*\*\* UNIT SHALL BE DELIVERED TO CITY OF BLOOMINGTON FLEET DEPT. FULLY SERVICED WITH (1) EACH: SHOP MANUAL, PARTS CATALOG, OPERATING AND SERVICE MANUALS. \*\*\***

There shall be a daily charge of \$50.00 that will be accessed for each day that the delivery is delayed (late).

*Signature is required below to acknowledge acceptance of all bid requirements*

Sign Here: \_\_\_\_\_

Print Name Here: \_\_\_\_\_

Company Name: \_\_\_\_\_

# MIDSIZE EXTENDED CAB PICKUP TRUCK

Replacements for 180, 182, 202, 241 (Parking Enforcement)

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?		DESCRIBE DEVIATIONS
1	GVW	5,600 lb. minimum	Yes [ ]	No [ ]	
2	Alternator	100 amp. minimum	Yes [ ]	No [ ]	
3	Front Axle	2,500 lb. minimum	Yes [ ]	No [ ]	
4	Rear Axle	2,700 lb. minimum with limited slip differential	Yes [ ]	No [ ]	
5	Battery	12 volt 525 CCA maintenance free	Yes [ ]	No [ ]	
6	Fuel Tank	19 gallon minimum	Yes [ ]	No [ ]	
7	Engine	2.5 L minimum, 4 cylinder	Yes [ ]	No [ ]	
8	Cooling System	Heavy duty with overflow recovery system	Yes [ ]	No [ ]	
9	Front Suspension	2,500 lb. minimum	Yes [ ]	No [ ]	
10	Rear Suspension	2,700 lb. minimum	Yes [ ]	No [ ]	
11	Shock Absorbers	Heavy duty double action	Yes [ ]	No [ ]	
12	Transmission	Six (6) Speed automatic with auxiliary cooler	Yes [ ]	No [ ]	
13	Tires	Tires to match GVW -with mounted spare	Yes [ ]	No [ ]	
14	Wheels	Standard steel with hubcaps	Yes [ ]	No [ ]	
15	Bumper	Front and rear - rear to be step type	Yes [ ]	No [ ]	
16	Wheel Base	129" maximum	Yes [ ]	No [ ]	
17	Cab	Fresh air heater and defroster, dual outside below eye level mirrors, power outlet, dome light, cargo light, electric two speed wipers with intermittent setting and washer, tilt steering wheel, oil amp, and temperature gauges and directional signals; factory installed air conditioning, AM/FM radio with clock. NOTE - after factory installations will NOT be acceptable	Yes [ ]	No [ ]	
18	Rear doors	Required	Yes [ ]	No [ ]	
19	Floor	Vinyl	Yes [ ]	No [ ]	
20	Seat	Front cloth bucket seats with console	Yes [ ]	No [ ]	
21	Body	Fleet side type, wide bed, 5' long minimum	Yes [ ]	No [ ]	
22	Color	<b>Exterior: White Interior: Dark Gray</b>	Yes [ ]	No [ ]	
23	Steering / Brakes	Power	Yes [ ]	No [ ]	
24	Manual	Included	Yes [ ]	No [ ]	
25	Warranty	Warranty information included	Yes [ ]	No [ ]	
26	Delivery	Unit shall be delivered with three (3) sets of keys Please indicate delivery date ARO	Yes [ ]	No [ ]	

**Enter Make/Model/Year:**

**Cost of Specified Unit:**

\$

**Please provide a cost for the following options:**

1	Bed Liner	Spray in bed liner-Rhino Lining or equivalent	
2	Body Rustproofing	Rust Protection	
3	Rear Seat	Rear seat deleted	
4	Strobe Lights	Shall be equipped with 4 corner lighting system for safety	
5	Four Wheel Drive	Four wheel drive with automatic locking front hubs	

**\*\*\* UNIT SHALL BE DELIVERED TO CITY OF BLOOMINGTON FLEET DEPT. FULLY SERVICED WITH (1) EACH: SHOP MANUAL, PARTS CATALOG, OPERATING AND SERVICE MANUALS. \*\*\***

There shall be a daily charge of \$50.00 that will be accessed for each day that the delivery is delayed (late).

*Signature is required below to acknowledge acceptance of all bid requirements*

Sign Here: \_\_\_\_\_

Print Name Here: \_\_\_\_\_

Company Name: \_\_\_\_\_

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
1	GVW	58,000 Minimum	Yes [ ] No [ ]	
2	Frame	Minimum 110,000 P.S.I. reinforced with extended front frame (No Bolt on) recommended for mounting snow plow hitch	Yes [ ] No [ ]	
		Heavy Duty front bumper with extended swept back ends, painted black and drilled for license plate on left corner	Yes [ ] No [ ]	
		40" of clear frame on right outside frame rail behind cab for mounting of hydraulic tank	Yes [ ] No [ ]	
3	Wheel Base	Sufficient to give cab to axle dimension of 102"	Yes [ ] No [ ]	
4	Engine	In line 6 cylinder electronic controlled diesel with minimum displacement of 7.0 liter with 300 hp. Minimum of 800 lb. ft. net torque at 1400 to 1500 RPM	Yes [ ] No [ ]	
		1250 watt block heater minimum	Yes [ ] No [ ]	
		Dual or two stage fuel filter	Yes [ ] No [ ]	
		Heated fuel-water separator	Yes [ ] No [ ]	
		Spin-on type engine oil filter	Yes [ ] No [ ]	
		Single stage dry type air filter	Yes [ ] No [ ]	
		Electronic type hand throttle	Yes [ ] No [ ]	
5	Exhaust System	Horizontal muffler, heat shield and stack shall be in a vertical position mounted on right side of vehicle	Yes [ ] No [ ]	
6	Cooling System	Maximum radiator cooling shall be furnished by Mfg. for model being bid	Yes [ ] No [ ]	
		Antifreeze shall provide -20 degrees F. protection	Yes [ ] No [ ]	
		Radiator shall have a over flow recovery system	Yes [ ] No [ ]	
		Each unit to be furnished with corrosion resistor in cooling system	Yes [ ] No [ ]	
		All radiator and heater hoses shall have constant torque type hose clamps	Yes [ ] No [ ]	
7	Front Axle	Front axle shall be rated for a minimum of 18,000 lb.	Yes [ ] No [ ]	
8	Front Suspension	The front springs shall be a minimum of 18,000 lb.	Yes [ ] No [ ]	
9	Front Shocks	Front shocks shall be furnished, standard for the model that is bid	Yes [ ] No [ ]	
10	Front Hubs	Front wheels shall have oil filled hubs	Yes [ ] No [ ]	
11	Rear Axle	Rear axles shall be rated at a minimum of 40,000 lb. recommended for severe application with power divider	Yes [ ] No [ ]	
		Differentials shall have DRIVER controlled power divider and differential lock ( NOT LIMITED SLIP )	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
12	Rear Suspension	The rear suspension shall be a minimum capacity of 40,000 lb.	Yes [ ] No [ ]	
		Hendrickson Haulmax type or equal heavy duty suspension	Yes [ ] No [ ]	
13	Transmission	Truck shall be bid with an Allison type automatic transmission six (6) speed MD3560P with In-line filter <b>or equal</b>	Yes [ ] No [ ]	
		Gear selection shall be made by a dash mounted push-button shift selector	Yes [ ] No [ ]	
		Transmission "dip stick" shall be located in the engine compartment for daily P.M., not in cab compartment	Yes [ ] No [ ]	
		Transmission shall be equipped with a back up alarm	Yes [ ] No [ ]	
14	Brakes	Dual ABS air brake system, 16 cu. ft. minimum compressor gear driven (No Belts)	Yes [ ] No [ ]	
		Front brakes shall be S cam type air with backing plates	Yes [ ] No [ ]	
		Rear brakes shall be S cam type air with 30-30 MGM or Anchorlock piggy-back spring actuated, brake chambers, two per axle	Yes [ ] No [ ]	
		Rear chambers shall be mounted in a upward position away from the ground, or a forward position on the axle not on the back of the axle	Yes [ ] No [ ]	
		Front and Rear automatic slack adjusters	Yes [ ] No [ ]	
		All brakes assemblies shall have backing plates	Yes [ ] No [ ]	
15	Air Drier	A Bendix air dryer model AD-IP <b>or equal</b> shall be installed on each unit and also furnished (1) BW DV-2 heated drain valve on primary tank	Yes [ ] No [ ]	
16	Air Compressor Air Filter	Air compressor shall be piped directly into engine's main air filter eliminating need for "On compressor filter"	Yes [ ] No [ ]	
17	Electrical System	12-Volt system, 145-amp alternator minimum	Yes [ ] No [ ]	
		There shall be a minimum of two (2) batteries threaded stud type, furnished	Yes [ ] No [ ]	
		Each battery shall have a minimum C.C.A. rating of 900	Yes [ ] No [ ]	
		These batteries shall be mounted on left side of frame (NO EXCEPTIONS on mounting)	Yes [ ] No [ ]	
		Electrical circuits shall be protected by circuit breakers, rated for each function	Yes [ ] No [ ]	
		One (1) positive and one (1) negative external jump lug shall be provided with insulated covers, red & black, located at battery box	Yes [ ] No [ ]	
18	Starter	Starter shall be rated as Heavy-Duty for this application by the manufacturer	Yes [ ] No [ ]	
19	Steering	Heavy-Duty factory installed power steering with gear driven power steering pump (No Belt Driven) with external filter. Steering wheel shall be adjustable	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
20	Rims & Wheels	Shall be hub piloted, disc, standard of manufacturer	Yes [ ] No [ ]	
		One piece, 22.5" X 9.00" rim intended for radial tires on front	Yes [ ] No [ ]	
		One piece, 22.5" X 8.25" rim intended for radial tires on rear	Yes [ ] No [ ]	
21	Tires	Tire size for front axle 315/80R X 22.5, 20 ply	Yes [ ] No [ ]	
		Tire size for rear axle 11R X 22.5, 16 ply	Yes [ ] No [ ]	
		Tires for steering axle shall be Goodyear G287 or equal	Yes [ ] No [ ]	
		Tires for drive axle shall be Goodyear G177 or equal	Yes [ ] No [ ]	
22	Fuel Tank	Single tank mounted on left side with slip-strut type step	Yes [ ] No [ ]	
		Minimum total gallons provided shall be 90	Yes [ ] No [ ]	
		Fuel tank shall be clearly identified for "Diesel Fuel Only"	Yes [ ] No [ ]	
23	Cab	Cab shall have fiberglass tilt hood and a stationary grill, to clear snowplow hitch when hood is tilted forward	Yes [ ] No [ ]	
		The Bumper to Back of Cab (BBC) shall be as required by Mfg.	Yes [ ] No [ ]	
		All units shall have interior over head dome light	Yes [ ] No [ ]	
		All windows shall be tinted safety glass	Yes [ ] No [ ]	
		Cab shall have a vinyl covered padded dashboard with a glove box provided in the dash compartment (Not in Door)	Yes [ ] No [ ]	
		Outside grab handles shall be installed on each side of cab	Yes [ ] No [ ]	
		Cab shall also have dual sun visors and dual arm rest	Yes [ ] No [ ]	
		Chrome air horn	Yes [ ] No [ ]	
24	Seats	Windshield shall be a one piece design	Yes [ ] No [ ]	
		High back, air adjustable suspension with heavy duty trim for driver, single occupant non-suspension passenger bucket seat	Yes [ ] No [ ]	
		Seat material used for the top seat panel and the top back panel shall be of a breathable, synthetic type material	Yes [ ] No [ ]	
		All side panels shall be the standard of the Mfg.	Yes [ ] No [ ]	
25	Dash Mounted Gauges	All fabrics used shall be dirt and stain resistant	Yes [ ] No [ ]	
		Each unit shall have fuel, oil pressure gauge, tachometer, hour meter, voltmeter, engine temperature gauge with buzzer, transmission temperature gauge mounted in the dash	Yes [ ] No [ ]	
26	Windshield Wipers	An electric (not electronic) hour meter shall operate through the alternator or a oil pressure type switch	Yes [ ] No [ ]	
		Windshield wipers shall be bid as electric powered intermittent	Yes [ ] No [ ]	
		Unit bid shall provide windshield washers	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
27	Windows	An electrically operated window shall be provided on the driver and passenger side door	Yes [ ] No [ ]	
		Control (s) shall be placed within easy reach of driver and/or passenger	Yes [ ] No [ ]	
28	Radio	Each unit shall be furnished with AM/FM radio. FACTORY INSTALLED	Yes [ ] No [ ]	
29	Heater, Defroster, and Air Conditioning	The heater and defroster shall be the manufacturer's best fresh air type heater with dual defrosters and minimum 3 speed blower	Yes [ ] No [ ]	
		Factory installed air conditioning	Yes [ ] No [ ]	
30	Mirrors	Mfg.'s (OEM) electrically heated, dual West Coast mirrors shall be installed with all brackets	Yes [ ] No [ ]	
		Overall mirror shall be minimum 7" x 16"	Yes [ ] No [ ]	
		Each mirror shall have a 5" standard convex with universal mounting brackets installed on lower outside corner on both electrically heated West Coast mirrors	Yes [ ] No [ ]	
31	Lights and Reflectors	Self canceling directional signals, with road hazard switch	Yes [ ] No [ ]	
		Five (5) cab lights	Yes [ ] No [ ]	
		Amber strobe, brake, tail, and back up lights to recessed in rear corners of bed	Yes [ ] No [ ]	
		Amber strobe lights shall be on top, brake-tail lights shall be below amber lights, back up lights shall be below brake-tail lights	Yes [ ] No [ ]	
		Amber lights shall have its own switch in main control console	Yes [ ] No [ ]	
		All lights on body shall be LED	Yes [ ] No [ ]	
		All body wiring shall be in tubing to a central junction box, (mounted in an easy access area) from the junction box to each light and shall also be in tubing protecting it from any sharp edges	Yes [ ] No [ ]	
		The tubing shall also be secured to the frame and the body to keep it from sagging or hanging down (Betts Lighting System or equal)	Yes [ ] No [ ]	
		Turn signal on front shall be mounted to the top of front fender above plow	Yes [ ] No [ ]	
32	Auxiliary Lights	Body light wiring shall be color coded to match chassis wiring	Yes [ ] No [ ]	
		The chassis factory rear lights shall be mounted under the bed inside frame at the rear cross member	Yes [ ] No [ ]	
		Dual 7" (inch) diameter seal beam lights, shall be mounted on an adjustable heavy duty light bar that clamps or is bolted to the rain rail on the cab	Yes [ ] No [ ]	
		There shall be a clearance between the bar and the cab of 2" and the bar shall be chrome plated	Yes [ ] No [ ]	
		The (2) two lights shall have an on/off switch	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
32b	Auxiliary Lights (Continued)	These lights shall both be on a separate fused circuit with each having a separate ground wire to chassis	Yes [ ] No [ ]	
		There shall be (2) two amber high profile, high intensity strobe lights mounted on each side of the light bar	Yes [ ] No [ ]	
		Amber lights shall have a fused circuit, ground wire and on/off switch	Yes [ ] No [ ]	
		There shall (1) one spreader box light mounted to the spreader as to illuminate the road at the spinner	Yes [ ] No [ ]	
		Lights shall have its own fused circuit, lights switch and ground wire	Yes [ ] No [ ]	
		Light switches shall be mounted inside control console for spreader and dump functions	Yes [ ] No [ ]	
		All lighting to meet or exceed ICC regulations	Yes [ ] No [ ]	
33	Color	Exterior shall be white Interior shall be blue or gray Steel dump body shall be gray Stainless steel body shall be unpainted	Yes [ ] No [ ]	
34	Reflective Triangles	Set of three (3) reflectors and reflecting elements or surfaces incorporated therein shall be adequately protected by enclosure in a box specially designed and constructed so that reflectors may be readily extracted for use	Yes [ ] No [ ]	
		These units shall comply with Federal Motor Carrier Safety Regulations as covered in Subpart H - Emergency Equipment -393.95 ( One set per truck )	Yes [ ] No [ ]	
35	Fire Extinguisher	Each vehicle shall be delivered with a dry chemical fire extinguisher and approved mounting bracket	Yes [ ] No [ ]	
		Classification: 10-BC	Yes [ ] No [ ]	
		Fire extinguisher shall permit visual determination of whether it is fully charged	Yes [ ] No [ ]	
		Mounting of fire extinguisher shall comply with Federal Motor Carrier Safety Regulations as given Subpart H - Emergency Equipment 393.95	Yes [ ] No [ ]	
36	First-Aid Kit	Each unit shall be delivered with a First-Aid kit	Yes [ ] No [ ]	
		Mounting of First Aid Kit shall comply with Federal Motor Carrier Safety Regulations as given Subpart H - Emergency Equipment 393.95	Yes [ ] No [ ]	
37	Dump Body	Inside dimensions shall be 13' x 7', and the material shall be 8 to 10 gauge 201 stainless steel excluding floor, 12 cubic yard capacity head board and tailgate, 10 cubic yard capacity sides	Yes [ ] No [ ]	
		The floor of the body shall be a minimum of 3/16" AR400 steel	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
37b	Dump Body (Continued)	Shall have 7 gauge minimum 201 stainless steel full depth corner post	Yes [ ] No [ ]	
		The flooring and sides shall extend 1" beyond the end posts to keep the tailgate from touching the lights in the post	Yes [ ] No [ ]	
		Front and rear top gussets shall be 10" high and to provide side boards 2" thick	Yes [ ] No [ ]	
		There shall be a minimum of three (3) horizontal side braces	Yes [ ] No [ ]	
		Area reinforcements not specifically described nor mentioned but necessary to counteract severe stress concentration shall be completed	Yes [ ] No [ ]	
		Dump body shall be furnished with a bolt-on spreader lip with sides extending 12" from the bodies rear edge	Yes [ ] No [ ]	
38	Cab Shield	Cab shield shall cover no more than 50% of the cab and be reinforced to body on the ends and extend the full width of body and have a full gusset up each side	Yes [ ] No [ ]	
		The cab shield shall also have a 45 degree angle break between the vertical and the horizontal sections that cover the gap between the cab	Yes [ ] No [ ]	
		Cab shield shall not extend above or beyond top lights	Yes [ ] No [ ]	
39	Tail Gate	Shall be a 201 stainless steel, 9 panel tailgate, double action type with 6" upper hinges, welded to both the horizontal and the vertical tailgate box braces	Yes [ ] No [ ]	
		There shall be a chain, and covenant fasteners to thoroughly support the tailgate	Yes [ ] No [ ]	
		There shall be adequate hardware to give direct linkage and be air operated of the lower tailgate latches, and to be positioned so as to give convenient operation from the drivers seat	Yes [ ] No [ ]	
		Shall have a manually controlled back up system	Yes [ ] No [ ]	
		The lower tailgate latches are to be fully adjustable designed to insure they will stay locked in position when upper bracket are released	Yes [ ] No [ ]	
		All moving parts shall be equipped with zerk fittings	Yes [ ] No [ ]	
		All welding shall be continuous	Yes [ ] No [ ]	
40	Mud Flaps	Plain black (no writing) mud flaps shall be mounted before and after on rear wheels	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
41	Ladder	Dump body shall have a replaceable type ladder furnished, installed by (4) four sleeve and pins welded onto the dump body	Yes [ ] No [ ]	
		Ladder Shall be stainless steel	Yes [ ] No [ ]	
		Ladder shall be fold up type and shall not extend any more than 6" (inches) below dump body in the stowed position	Yes [ ] No [ ]	
		Ladder shall be placed on the street side of dump body	Yes [ ] No [ ]	
		In extended position, the ladder shall not exceed any further than 32" to 36" (inches) below the bottom of the body, and 24" to 32" (inches) in front of rear wheels	Yes [ ] No [ ]	
		Safety decals covering ladder shall be placed on the ladder and/or dump body next to ladder location	Yes [ ] No [ ]	
		Decals shall be the standard as used by ladder manufacturer	Yes [ ] No [ ]	
42	Bed Hoist <i>(see hydraulic section for the functions of the bed hoist)</i>	Class 80, 22.5 to 25.0 tons, under body type with lay down arms	Yes [ ] No [ ]	
		Minimum 8" to 9" ID twin cylinders with head secured by bolts or screw type head. (Double acting)	Yes [ ] No [ ]	
		Hoist shall be capable of raising the body to an angle of not less than 50 degrees, fully loaded	Yes [ ] No [ ]	
		All friction points are to be equipped with zerk fittings	Yes [ ] No [ ]	
		The hoist also shall have safety struts with holding clamps and comply with O.S.H.A. standards (zerk fitting shall be provided)	Yes [ ] No [ ]	

**HYDRAULIC SYSTEM BEGINS ON FOLLOWING PAGE**

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
<b>HYDRAULIC SYSTEM</b>				
<b>The following specifications are minimum requirements for the installation of the hydraulic system</b>				
43	Hydraulic System- General	This central system will operate the dump body, snow plow with power angle and material spreader with auger and spinner	Yes [ ] No [ ]	
		The hydraulic valve shall be manifold style assembly to be mounted in a open sided enclosure dry compartment, to allow for ease of service and maintenance	Yes [ ] No [ ]	
		Hydraulic reservoir to accept level sensor and have an access hole for a tank mounted filter and/or clean out for ease of service	Yes [ ] No [ ]	
		Spreader control to be mounted in the cab between the seats in a position to be approved by City of Bloomington	Yes [ ] No [ ]	
		The reservoir and hydraulic valve enclosure are to be mounted on the passenger side of the truck	Yes [ ] No [ ]	
		All functions to be contained in one (1) console	Yes [ ] No [ ]	
		The spreader is to be electronic ground speed based, open looped system	Yes [ ] No [ ]	
		The spreader controller shall be calibrated to manufacture's specifications prior to delivery of unit	Yes [ ] No [ ]	
		The hydraulic control valve shall be equipped with a pressure gauge to verify pressure under loaded and unloaded	Yes [ ] No [ ]	
44	Hydraulic Pump	The pump shall be a U.S. manufactured, variable displacement, axial piston pressure and flow compensated load sensing type	Yes [ ] No [ ]	
		The pump shall have maximum displacement of 6.00 cu. In. per revolution and be capable of 43.3 GPM at 1800 RPM and 3000 PSI	Yes [ ] No [ ]	
		The pump shall have a SAE #20 suction, SAE #16 pressure port and SAE #4 case drain line plumbed directly back to reservoir	Yes [ ] No [ ]	
		The pump shall be rated for a maximum RPM of 5000 PSI peak, 4600 PSI intermittent and 4060 PSI continuous	Yes [ ] No [ ]	
		The pump shall be rated for a maximum RPM of 3000 at standby pressure	Yes [ ] No [ ]	
		The pump shall have a DIN 5462 drive shaft and mounting flange	Yes [ ] No [ ]	
		The pump shall be a Hydro Leduc TXV92 Series Piston Pump or <u>prior approved equal</u>	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
45	Transmission PTO	The PTO shall be mounted to the Allison 3000 series transmission	Yes [ ] No [ ]	
		The PTO shall be hotshift type	Yes [ ] No [ ]	
		The PTO shall run at 90% of engine RPM	Yes [ ] No [ ]	
		The PTO shall have a DIN 5462 output shaft and mounting flange	Yes [ ] No [ ]	
		The hydraulic piston pump shall be mounted directly to the PTO	Yes [ ] No [ ]	
		The hotshift engagement solenoid shall be a heavy-duty 12 VDC type	Yes [ ] No [ ]	
46	Hydraulic Shutdown System	The engagement solenoid on the hotshift PTO shall be wired to a float type level indicator that is mounted from the top of the reservoir	Yes [ ] No [ ]	
		The system shall be designed so that when the float contacts close, the PTO will disengage and stop flow	Yes [ ] No [ ]	
		All wiring shall run to a shutdown module that includes all necessary relays	Yes [ ] No [ ]	
		The module shall include screw type connection terminals for ease of installation	Yes [ ] No [ ]	
		The module shall eliminate the need for external relays and wire splicing	Yes [ ] No [ ]	
		An enunciator in the control console will alert the driver that the pump has been shut down	Yes [ ] No [ ]	
		The control console will also incorporate an override switch wired to de-energize the shutdown system to facilitate diagnostics and equipment storage	Yes [ ] No [ ]	
47	Reservoir/Valve Enclosure	The hydraulic reservoir will be of 35 gallons nominal capacity	Yes [ ] No [ ]	
		The hydraulic reservoir will be constructed of 10-gauge 201 stainless steel with a 2B finish and be internally baffled	Yes [ ] No [ ]	
		The hydraulic reservoir shall be equipped with a sight glass mounted to the side of the tank to show level of hydraulic oil	Yes [ ] No [ ]	
		The valve enclosure lid will protect from both road and pressure washer spray	Yes [ ] No [ ]	
		The valve enclosure lid shall be made of 201 stainless steel with a 2B finish	Yes [ ] No [ ]	
		The valve enclosure lid shall have welded handles for ease of removal	Yes [ ] No [ ]	
		The valve enclosure lid shall be attached to the reservoir via four (4) rubber straps that can be removed without the use of any tools	Yes [ ] No [ ]	
		Mounting brackets and mount location shall be per manufacturer's specifications	Yes [ ] No [ ]	
		Mounting system should allow for a 1" frame clearance for frame obstructions	Yes [ ] No [ ]	
		Shall be mounted in a manner as to not transmit any truck torsional loads thru the tank	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
47b	Reservoir/Valve Enclosure (Continued)	The enclosure will use a gasket-less passive technology. (No rubber seals, gaskets, or weather stripping)	Yes [ ] No [ ]	
		The enclosure lid will be removable within seconds by one person without the use of tools	Yes [ ] No [ ]	
		All valve fittings, hose ends, filter, filler breather, sending units and any electrical connections are to be protected by enclosure cover	Yes [ ] No [ ]	
		The reservoir supplier will provide all valve fittings (JIC connections) and plumb the return line from the valve to the filter	Yes [ ] No [ ]	
		The cover will protect from both road and pressure washer spray	Yes [ ] No [ ]	
		The use of bulkhead fittings is not permitted	Yes [ ] No [ ]	
		The directional control valve must be easily accessible from all six (6) sides without the use of tools	Yes [ ] No [ ]	
		Hose exit and entrance must allow for components to be mounted adjacent to the enclosure	Yes [ ] No [ ]	
		A 2" full flow brass ball valve shall be plumbed at the suction port of the tank	Yes [ ] No [ ]	
		A low oil/high temp sending unit shall be mounted in the reservoir	Yes [ ] No [ ]	
		The valve/tank assembly shall be a FORCE America model "VT35G2-B-SS Valve/Tank Assembly" <b>or prior approved equal</b>	Yes [ ] No [ ]	
48	Filter	Hydraulic oil filter shall be mounted in the reservoir	Yes [ ] No [ ]	
		Hydraulic filter shall be a 16-micron absolute and rated for no less than 70 GPM. and include visual and electrical bypass indicators	Yes [ ] No [ ]	
		The filter cartridge shall be constructed of a synthetic media	Yes [ ] No [ ]	
		The return port in the filter shall be SAE #20 or larger	Yes [ ] No [ ]	
		The electrical filter bypass indicator shall be wired to a warning input on the electronic spreader control and low oil override panel	Yes [ ] No [ ]	
		The system shall be delivered with one spare filter element	Yes [ ] No [ ]	
		Filter shall be model TS1600251S0 /ZSRE40910 <b>or prior approved equal</b>	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS	
49	Hydraulic Control Valve	The hydraulic valve shall be of modular manifold design	Yes [ ] No [ ]		
		Each hydraulic function requires an individual manifold stacked together to form the manifold base	Yes [ ] No [ ]		
		The manifold base shall consist of an inlet section with SAE #16 inlet porting, SAE #20 outlet porting, and SAE #4 load sense porting	Yes [ ] No [ ]		
		There shall be a main system relief in the inlet section to protect the system from high pressure in case the pump compensators fail	Yes [ ] No [ ]		
		The dump body manifold shall be stacked next to the inlet section, and capable of 40 GPM with SAE #12 porting	Yes [ ] No [ ]		
		All valve manifolds shall be manufactured from 6061-T6 aluminum and be anodized to MIL-A-8625F specifications	Yes [ ] No [ ]		
		The hydraulic control valves shall be pulse-width modulated, proportionally controlled	Yes [ ] No [ ]		
		Each hydraulic valve segment shall be individually mounted to the manifold base assembly and be serviceable without removing any hydraulic hoses or any other hydraulic valve segments	Yes [ ] No [ ]		
		Each hydraulic valve segment shall have individual pressure compensation to achieve independent simultaneous operations	Yes [ ] No [ ]		
		All segments shall have heavy-duty continuous duty coils and connections shall be with DIN connectors	Yes [ ] No [ ]		
		All coils shall operate at 12 VDC and require a maximum of 1400 mille-amps	Yes [ ] No [ ]		
		Each segment shall be equipped with a manual override	Yes [ ] No [ ]		
		The dump body segment shall be rated to 40 GPM, with all other segments rated to 20 GPM	Yes [ ] No [ ]		
		If a double acting hoist is utilized, the dump body segment shall be equipped with a down side relief to protect the body down function	Yes [ ] No [ ]		
		This relief shall be set to the hoist manufacturer's specifications	Yes [ ] No [ ]		
		<b>The valve is to be arranged as follows:</b>			
		Hoist 4-way 40 GPM cylinder spool with 600 PSI down side work port relief valve	Yes [ ] No [ ]		
		Plow lift 4-way 21 GPM cylinder spool	Yes [ ] No [ ]		
		Plow angle 4-way 21 GPM cylinder spool	Yes [ ] No [ ]		
		Auger 2-way 22 GPM proportional cartridge	Yes [ ] No [ ]		
Spinner 2-way 7 GPM proportional cartridge	Yes [ ] No [ ]				
Valve segments shall be FORCE America Add-A-Fold® 4020 <i>or prior approved equal</i>	Yes [ ] No [ ]				

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
50	Plow Cushion Valve	An externally mounted cast iron cushion valve shall be supplied for the plow angle circuit	Yes [ ] No [ ]	
		The valve shall have screw adjustable dual cross over reliefs to protect the angle cylinders from pressure shocks	Yes [ ] No [ ]	
		The valve shall have ½" NPT ports and be set at 2000 PSI	Yes [ ] No [ ]	
		The cushion valve shall be a Prince Manufacturing model DRV-4HH <i>or prior approved equal</i>	Yes [ ] No [ ]	
51	Hydraulic's Control Center	Controls for all valve functions and electronic spreader control will be integrated into a single, self-contained control center	Yes [ ] No [ ]	
		The control center shall be a padded armrest style that is ergonomically designed	Yes [ ] No [ ]	
		Control center shall be modular in design for ease of installation and service, and wiring and connectors shall be keyed and color coded throughout	Yes [ ] No [ ]	
		A sealed, pre-wired harness for all valve controls must be provided	Yes [ ] No [ ]	
		All components must be durable for long life and trouble free operation	Yes [ ] No [ ]	
		The electronic controller shall be a fully proportional multi-stick controller to operate all cylinder functions	Yes [ ] No [ ]	
		Multi-stick PWM driver electronics shall include as standard the capability to control at least nine (9) proportional outputs simultaneously	Yes [ ] No [ ]	
		Plow control shall be controlled by a dual axis electric joy stick for up/down and right/left operation. Dump hoist shall be controlled by single axis electric joy stick for hoist operation	Yes [ ] No [ ]	
		LED-backlit nomenclature for all joystick functions and a momentary push-button at the top of the hoist stick to provide hoist-interlock	Yes [ ] No [ ]	
		The "Hoist" decal shall be located near the Hoist joystick, shall be illuminated amber while disabled, and change to green backlighting when the driver engages the hoist interlock button	Yes [ ] No [ ]	
		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	Yes [ ] No [ ]	
To increase safety of operation, joystick communication hardware/software shall include the following standard features	Yes [ ] No [ ]			

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
51b	Hydraulic's Control Center (Continued)	Input power monitor circuitry with power quality diagnostics, redundant dual-reference joystick signals for each joystick axis	Yes [ ] No [ ]	
		Joystick output open/short circuit detection and operator notification	Yes [ ] No [ ]	
		Joystick input off-center checking on all axes and output shutdown on system power-up	Yes [ ] No [ ]	
		Joystick input off-center checking on all axes and output shutdown on system power-up	Yes [ ] No [ ]	
		True outputs off with joystick centered	Yes [ ] No [ ]	
		LED-backlit nomenclature shall illuminate and flash RED when any error condition exists and an audible alarm shall sound	Yes [ ] No [ ]	
		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	Yes [ ] No [ ]	
		The joystick control system shall be equipped with a qualified ESTOP device that immediately disconnects battery power from all joystick outputs. All joystick-operated outputs shall immediately cease to function, an audible alarm shall sound, and the joystick system display shall inform the operator that the ESTOP device has been activated	Yes [ ] No [ ]	
		The ESTOP device must remove power from the joystick outputs while maintaining power to the display and CPU for diagnostic purposes	Yes [ ] No [ ]	
		The operator must manually reset the ESTOP device in order to return the joysticks to operational status	Yes [ ] No [ ]	
		The unit shall be configured with dual joysticks for hoist and plow operation	Yes [ ] No [ ]	
		The entire arm console shall be assembled on a floor mounted pedestal	Yes [ ] No [ ]	
		The five (5) auxiliary rocker switches on the arm shall be as follows (Left to right): Plow lights, Strobe lights, Spreader light, Auxiliary & Pump override	Yes [ ] No [ ]	
A supervisor USB stick and calibration tool shall also be supplied	Yes [ ] No [ ]			
The Control Center shall be a FORCE America Patrol Commander MPJC Ultra series with a 5100EX remote operator interface panel <b>or approved equal</b>	Yes [ ] No [ ]			

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
52	Spreader Control Console	The electronic spreader control shall include proportional controls for Auger, Spinner, and Multilane Anti-ice spreader functions and shall be integrated into a small, rugged, plastic injection molded control box	Yes [ ] No [ ]	
		Spread rates for granular, spinner, and anti-ice shall have the ability to be adjustable inside of calibration	Yes [ ] No [ ]	
		A security code shall be selectable in calibration to lock out undesired changes to the calibration settings	Yes [ ] No [ ]	
		An optional supervisor USB key shall be available for quick access to the calibration menu	Yes [ ] No [ ]	
		While in multi-lane mode the left, center and right lane ball valve outputs shall be controlled by backlit rocker switches molded into the controller above the display	Yes [ ] No [ ]	
		When all of the lane valves are deactivated, the anti-ice shall enter standby mode automatically	Yes [ ] No [ ]	
		The controller shall be modular in design for ease of installation and service	Yes [ ] No [ ]	
		The controller shall be capable of being mounted anywhere in the cab	Yes [ ] No [ ]	
		A RAM mount shall be used to allow for easy installation and swivel capabilities	Yes [ ] No [ ]	
		Wiring connectors shall be keyed with wiring labeled throughout	Yes [ ] No [ ]	
		The spreader harness shall include DIN connectors	Yes [ ] No [ ]	
		All components must be durable for long life and trouble free operation	Yes [ ] No [ ]	
		Spinner and spreader control dials shall be on the right side of the controller to allow for a clear view of the display while being adjusted	Yes [ ] No [ ]	
		The spinner and spreader control knobs shall be color coded and correlated with the granular and spinner settings on the screen	Yes [ ] No [ ]	
		The enclosure shall provide a built in, protective surrounding around the spinner and spreader control knobs to prevent unintentional use and damage to the knobs	Yes [ ] No [ ]	
		The controller shall offer the ability to operate a straight blade plow and dump body	Yes [ ] No [ ]	
The outputs shall be controlled by backlit rocker switches molded into the controller above the display	Yes [ ] No [ ]			
An interlock switch integrated into the back of the controller shall be required to operate the hoist function to comply with all OSHA related regulations	Yes [ ] No [ ]			
The controller shall be capable of moving the plow up, down, left, and right	Yes [ ] No [ ]			

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
52b	Spreader Control Console (Continued)	An integrated USB port shall be used for data retrieval, firmware upgrades, and for loading and saving of calibration settings	Yes [ ] No [ ]	
		The controller shall include a 3.5" high brightness, color, touch screen LCD with adjustable backlighting	Yes [ ] No [ ]	
		The touchscreen shall be used for calibration only and shall not be needed during normal spreading operation	Yes [ ] No [ ]	
		The touch screen shall allow for easy navigation of calibration menus and data viewing menus	Yes [ ] No [ ]	
		The screen shall display warnings for oil level, oil temp, filter bypass, low granular material, low liquid material, granular feedback range errors	Yes [ ] No [ ]	
		Optional audible warnings shall coincide with each visual warning and shall be individually adjustable	Yes [ ] No [ ]	
		There shall also be a dedicated red LED on the face of the controller for an additional body up indicator	Yes [ ] No [ ]	
		This LED shall not rely on software of the controller to operate	Yes [ ] No [ ]	
		Control center shall be powered up by the key switch only.	Yes [ ] No [ ]	
		The spreader control shall be tested by a SAE certified testing laboratory	Yes [ ] No [ ]	
		The electronic spreader control shall be a FORCE America 5100EX-3F <b>or prior approved equal</b>	Yes [ ] No [ ]	
53	Hydraulic Oil	The hydraulic system to be fully filled and purged of air at the time of delivery	Yes [ ] No [ ]	
		Oil to be AW 32 all temp. or equal compatible with full temperature range of the system and SAE VG rated	Yes [ ] No [ ]	
54	Plumbing	All connections on the valve and filter shall be made in SAE O-ring or JIC	Yes [ ] No [ ]	
		All hoses to be American made	Yes [ ] No [ ]	
		All pressure and return hoses to use crimp on ends	Yes [ ] No [ ]	
		All connections to have swivel fittings on both ends	Yes [ ] No [ ]	
		Two inch full flow ball valve on suction line with quarter turn handle	Yes [ ] No [ ]	
		All pressure hoses SAE 100R2	Yes [ ] No [ ]	
		All return hoses are SAE 100 R1 minimum	Yes [ ] No [ ]	
		Suction line SAE 100 R4 size 2.00" ID	Yes [ ] No [ ]	
		Plow angle and spreader couplers shall be flat face style	Yes [ ] No [ ]	
		Plow hoist and plow hoses to be 1/2" minimum	Yes [ ] No [ ]	
		Dump bed hoist and spreader hose 3/4" minimum	Yes [ ] No [ ]	
Tubing if used will be hydraulic style in size of hose it replaces	Yes [ ] No [ ]			

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
54b	Plumbing (Continued)	Black or iron pipe not acceptable	Yes [ ] No [ ]	
		All quick disconnects to have dust cap and plug sets	Yes [ ] No [ ]	
55	Plow Hitch	Snow plow hitch shall be heavy duty and suitable for highway snow plowing by heavy duty trucks	Yes [ ] No [ ]	
		Hitch shall be designed to permit adequate lift and full radius swing of hydraulic controlled power reversing snow plow	Yes [ ] No [ ]	
		The snow plow coupling device shall be of the quick attach and release design. It shall be equipped with minimum 3" diameter by 10" stroke hydraulic double acting lift cylinder	Yes [ ] No [ ]	
		The receiver opening shall be single pin type with lever to actuate the pin into the plow portion loop	Yes [ ] No [ ]	
		Hitch frame members are ½" x 4" x 4" structural angle and shall be custom fit to the truck to allow hood to tilt over hitch	Yes [ ] No [ ]	
		The lift arm and lift frame shall be designed to accept either a 3" or 4" lift cylinder with nitrided cylinder tube. Cylinders pins are to be 1" cold rolled steel	Yes [ ] No [ ]	
		Shall have self-storing lift arm that is able to revert back to the stow position by pulling a pin that allows the cylinder to fold up	Yes [ ] 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	Yes [ ] No [ ]	
		The lifting plate shall be 3/8" x 4" flat material and have two banjo-type chain eyes able to accept ½" chain as well as the weight of the plow	Yes [ ] No [ ]	
		Shall be painted flat black	Yes [ ] No [ ]	
		Hitch and bracing shall be mounted in a manner that the tilt hood can be opened with the plow attached	Yes [ ] No [ ]	
		The quick hitch receiver shall be a Henderson Snowfoe series pin and loop quick, <b>or equal</b>	Yes [ ] No [ ]	
56	Snow Plow	Plow length is to be a minimum 11'. Integral moldboard is to be a minimum of 45" in height	Yes [ ] No [ ]	
		There shall be a minimum of eight (8) vertical reinforcement ribs welded to the rear of the moldboard	Yes [ ] No [ ]	
		Each rib shall be made of a minimum 1/2" X 3" steel angle	Yes [ ] No [ ]	
		The moldboard shall be made of rolled steel which is to be a minimum 10 gauge	Yes [ ] No [ ]	
		The vertical lift is to be a minimum of 12"	Yes [ ] No [ ]	
		The plow is to have a trip spring unit that can be adjusted	Yes [ ] No [ ]	
		Plow shall be equipped with caster wheels	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
56b	Snow Plow (Continued)	The semi-circle is to be made of a 3 ½"x 3 ½"x ½" angle welded to 4"x 4" x 3/8" structural steel	Yes [ ] No [ ]	
		The plow is to be designed as to be completely hydraulically positioned	Yes [ ] No [ ]	
		Twin 3' x 10" x 1 ½" minimum nitrided hydraulic cylinders are double-acting for heavy-duty power reversing	Yes [ ] No [ ]	
		The twin reversing cylinders are to be located above the push frame for protection against road debris	Yes [ ] No [ ]	
		Moldboard shall have a rubber deflector to help prevent snow from blowing over top and shall be a minimum of 16" in height	Yes [ ] No [ ]	
		Shall have sight markers (poles) mounted to the outmost part of mold board	Yes [ ] No [ ]	
		Shall be painted safety yellow, back of moldboard shall be painted flat black	Yes [ ] No [ ]	
		The plow portion of the "pin and loop" type quick hitch shall have a loop type fabricated member to accept the truck portion vertical pin	Yes [ ] No [ ]	
		Decoupling shall be accomplished by removal of a vertical pin and the tripping of a lever which automatically opens the pin out of the loop and allows the truck to back away from the plow unit	Yes [ ] No [ ]	
		The plow portion of the quick hitch shall swivel horizontally, allowing the plow to follow the variations of the street surface	Yes [ ] No [ ]	
		Plow shall be a Henderson <b>or equal</b> , with pin and loop style hitch	Yes [ ] No [ ]	
57	Cutting Edge	The cutting edge shall be Winterflex brand HP Rubber Blade System or equal	Yes [ ] No [ ]	
58	Hydraulic Material Spreader	Shall have 13' (foot) type spreader body. The end and side supports are to be a minimum of 10 gauge 210 stainless steel, and shall be continuously welded from the inside of the body	Yes [ ] No [ ]	
		Side slope shall be a minimum 45 degrees. Front slope shall be a minimum of 18 degrees, and rear slope a minimum of 9 degrees	Yes [ ] No [ ]	
		Floor shall be a minimum of 7 gauge stainless steel and shall be replaceable	Yes [ ] No [ ]	
		Longsills shall be a minimum 7 gauge stainless steel	Yes [ ] No [ ]	
		It shall be equipped with a rear discharge gate having a rack and worm type jack to permit operator to set gate at any determined setting	Yes [ ] No [ ]	
		Crank handle angled to street side of spreader	Yes [ ] No [ ]	
		The body shall be equipped with lift loops located, and reinforced, at the top of each corner	Yes [ ] No [ ]	

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
58b	Hydraulic Material Spreader (Continued)	The body shall be 82" to 84" wide, and body height of 54" to 56", and shall have a capacity of 9.0 to 10.5 cubic yards water level full	Yes [ ] No [ ]	
		Shall have a rubber splash shield mounted on each side of the spreader	Yes [ ] No [ ]	
		The conveyor rails shall be 10 gauge 210 stainless steel formed channel with top edge formed down over the drag chains to prevent material from getting into chains	Yes [ ] No [ ]	
		The conveyor bottom shall be 3/16" with replaceable wear sections, overall width not less than 24" (Wear section not to be welded). Inverted "V" cover over chain	Yes [ ] No [ ]	
		The conveyor drag chain shall consist of two heavy duty strands of formed heat treated alloy steel pintle of 21,000 pounds tensile strength per each strand, with free-turning 7/16" diameter pins, non-seizing type, and 1/4" X 1 1/2" steel cross flights welded to every second link	Yes [ ] No [ ]	
		The conveyor chain shall be powered with a heavy duty worm gear box 50:1 reduction	Yes [ ] No [ ]	
		Driving idler sprockets and rear sprockets shall be eight tooth with self-cleaning assembled on 1 1/2" OD steel shaft	Yes [ ] No [ ]	
		Sprockets to be keyed tooth shafts	Yes [ ] No [ ]	
		There shall be two heavy duty screw type idler adjustments not less than 1" diameter to allow 4" of travel for proper tensioning	Yes [ ] No [ ]	
		The take up rod shall run the length of the box to make adjustments from the rear	Yes [ ] No [ ]	
		The front two bearings shall have the capability to be greased at the rear of spreader	Yes [ ] No [ ]	
		Extended front idler grease tubes (grease front bearing from rear)	Yes [ ] No [ ]	
		There shall be a belt type wiper on the rear bottom roll, over the plate	Yes [ ] No [ ]	
		The distributor fan shall be 20" in diameter, poly spinner with six (6) formed fins	Yes [ ] No [ ]	
		10 gauge 210 stainless steel adjustable baffles and chute shall be provided to place material on spinner disc for proper and even distribution of materials and to spread to right or left	Yes [ ] No [ ]	
		Three deflector baffles, with rigid linkage adjustment on rear and both sides of chute, to control width of spread	Yes [ ] No [ ]	
There shall also be a deflector placed in front of the spinner so that it is maintained at least 4" below the spinner plate	Yes [ ] No [ ]			
The conveyor is to be powered by a separate hydraulic motor capable of starting conveyor under operating conditions with hopper filled to capacity	Yes [ ] No [ ]			

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
58c	Hydraulic Material Spreader (Continued)	The spinner is to be powered by an individual top mounted hydraulic motor, capable of spreading material a minimum 40' width	Yes [ ] No [ ]	
		Both motors shall have 3/4" ports	Yes [ ] No [ ]	
		All hoses and fittings to be furnished to the curbside end of the truck frame	Yes [ ] No [ ]	
		These lines shall be SAE100 R2, with Aeroquip quick disconnects, or equal as follows: <b>Return Lines:</b> 1" female 5600-16-16S <b>Conveyor Lines:</b> 3/4" male 5600-12-12S <b>Spinner Lines:</b> 3/4" female 5600-12-12S	Yes [ ] No [ ]	
		The hopper grids shall be constructed of not less than 3/8" rods spaced 1 1/2" apart and centered in 1/4" X 1 1/2" upright crossbars spaced 2 1/2" apart	Yes [ ] No [ ]	
		The hopper grids shall have a angle flange at the hopper edge not extending over the side	Yes [ ] No [ ]	
		The entire grid assembly shall be constructed in four or more sections for easy handling	Yes [ ] No [ ]	
		Hinge rods shall be 1/2" diameter minimum and continuous from front to rear of body	Yes [ ] No [ ]	
		There shall be four (4) hold downs such as ratchet straps on each corner of the spreader mounted in dump body	Yes [ ] No [ ]	
		Must be spaced between dump body posts	Yes [ ] No [ ]	
		Means shall also be provided to prevent the spreader from shifting inside the dump body, such as a crossbar under the hopper that latches in the tailgate catch	Yes [ ] No [ ]	
		There shall be a gravity flow automatic oilier (approx. 2 quart) mounted on the front of the spreader, with copper lines installed to drip over both front sprockets and chains	Yes [ ] No [ ]	
		The rear of the hopper body is to be striped with 6" black and white stripes on 45 degree angles	Yes [ ] No [ ]	
		The white stripe portion shall be highly reflectorized with reflex-reflective elements	Yes [ ] No [ ]	
There shall be a rubber spill flap mounted to the side of the spreader to prevent material to enter the dump body as it is being loaded	Yes [ ] No [ ]			

# TANDEM AXLE DUMP W/SNOW REMOVAL EQUIPMENT

Replacement for 425, 4231, 4301 (STREET)

#	AREAS	SUGGESTED SPECIFICATIONS	EET SPEC?	DESCRIBE DEVIATIONS
59	Training	Bidder must expect to train operators in the complete operation of the equipment. If unit is a combination package, all vendors associated with the unit must be present for their portion of the training. Bidder will assist Fleet Maintenance Department in the training of mechanics for the repair of this equipment. They shall supply Fleet Maintenance Department mechanics with repair bulletins and/or manuals	Yes [ ] No [ ]	
60	Wiring	Wiring schematics shall be included	Yes [ ] No [ ]	
61	Decals	All function shall be labeled as well as all service points	Yes [ ] No [ ]	
62	Warranty	State in detail on truck chassis, engine, transmission, body, hoist, and hydraulic system		
63	Delivery (FOB Destination)	Unit shall be delivered with eight (8) sets of keys  Please state number of business days after ARO		

**Enter Make/Model/Year:**

**Cost of Specified Unit:**

\$

**\*\*\* UNIT SHALL BE DELIVERED TO CITY OF BLOOMINGTON FLEET DEPT. FULLY SERVICED WITH (1) EACH:  
SHOP MANUAL, PARTS CATALOG, OPERATING AND SERVICE MANUALS. \*\*\***

There shall be a daily charge of \$50.00 that will be assessed for each day that the delivery is delayed (late).

*Signature is required below to acknowledge acceptance of all bid requirements*

Sign Here: \_\_\_\_\_

Print Name Here: \_\_\_\_\_

Company Name: \_\_\_\_\_

# UTILITY WORK MACHINE

Replacement for 468 STREET

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?	DESCRIBE DEVIATIONS
1	General Requirements	Machine shall include two forward facing seats - operator and passenger	Yes [ ] No [ ]	
2		Machine shall include a front loader	Yes [ ] No [ ]	
3		Front loader shall be capable of accepting quick attach type attachments	Yes [ ] No [ ]	
4		Rear of machine shall have a cargo box	Yes [ ] No [ ]	
5		Engine shall be a 60 H.P. minimum tier 4 diesel engine	Yes [ ] No [ ]	
6	Drive System	Shall have full - time four wheel drive system	Yes [ ] No [ ]	
7		Limited slip differentials provided in both axles	Yes [ ] No [ ]	
8		Transmission shall be hydrostat	Yes [ ] No [ ]	
9	Drive Controls	Machine shall be equipped with separate controls for Eng. speed and travel speed	Yes [ ] No [ ]	
10		Drive system shall be controlled by a single pedal	Yes [ ] No [ ]	
11		Engine RPM shall be controlled by a hand throttle	Yes [ ] No [ ]	
12		Travel direction shall be controlled by a shuttle lever which includes positions for forward, reverse, and park	Yes [ ] No [ ]	
13		Park position shall engage the parking brake	Yes [ ] No [ ]	
14		A neutral start feature must be provided	Yes [ ] No [ ]	
15	Travel Speed	Low and High travel speeds shall be provided	Yes [ ] No [ ]	
16		Must provide the ability to shift travel speeds on the fly	Yes [ ] No [ ]	
17		Low range shall be from 0 to 8 mph High range shall be 0 to 17 mph	Yes [ ] No [ ]	
18		Reverse shall be limited to 8 mph	Yes [ ] No [ ]	
19		Digital speedometer shall be provided	Yes [ ] No [ ]	
20		Cruise control shall be provided	Yes [ ] No [ ]	
21	Steering	Steering angle shall be shared by both axles through an all - wheel steering system	Yes [ ] No [ ]	
22		The turning diameter shall be seventeen (17) feet maximum	Yes [ ] No [ ]	
23		Steering shall be activated by hydraulic power steering and controlled by a steering wheel with tilt adjustment	Yes [ ] No [ ]	
24	Suspension	Front & Rear independent suspension will consist of coil springs with overload stops and shock absorbers	Yes [ ] No [ ]	

# UTILITY WORK MACHINE

## Replacement for 468 STREET

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?	DESCRIBE DEVIATIONS
25	Cab	Front and rear cab tempered safety glass windows shall be provided	Yes [ ] No [ ]	
26		Dual - arm front windshield wiper and washers shall be provided	Yes [ ] No [ ]	
27		In cab 12 volt power outlet	Yes [ ] No [ ]	
28		Interior dome light	Yes [ ] No [ ]	
29		Factory installed cab enclosure, heater, defroster, ventilation, and air conditioning shall be provided	Yes [ ] No [ ]	
30		Cab enclosure shall consist of two (2) steel doors with locking handles	Yes [ ] No [ ]	
31		Drivers seat shall be adjustable	Yes [ ] No [ ]	
32		Seat hip restraint shall be provided	Yes [ ] No [ ]	
33		Four halogen work lights on the front	Yes [ ] No [ ]	
34		Instrumentation	Back-lit gauges shall be provided for engine temperature and fuel level	Yes [ ] No [ ]
35	Back-lit digital display provided which can display all of the following: Travel Speed, Engine RPM, Engine Hours, and Job Hours		Yes [ ] No [ ]	
36	Warning lights provided to indicate all of the following: Low Engine Pressure, Low Fuel Level, Low Battery Voltage, High Hydraulic Temperature, and High Engine Temperature		Yes [ ] No [ ]	
37	An engine and hydraulic systems monitor will be provided		Yes [ ] No [ ]	
39	Cold engine starting will be aided by automatically activated glow plugs		Yes [ ] No [ ]	
40	Brakes	Braking load must be shared by all wheels	Yes [ ] No [ ]	
41		The machine must automatically bring itself to a stop when the drive pedal is released	Yes [ ] No [ ]	
42		Parking brakes will be equipped on each axle, engaged by mechanical spring force, and released by hydraulic pressure	Yes [ ] No [ ]	
43		The drive controls must automatically deactivate when the parking brake is applied	Yes [ ] No [ ]	
44		The parking brake must engage automatically when the engine is not running	Yes [ ] No [ ]	
45	Attachments / Implements	Attachments shall be front mounted	Yes [ ] No [ ]	
46		Connections for all attachments must be "Bob-Tach" compatible, and meet SAE J2513 for coupling of attachments	Yes [ ] No [ ]	
47		Activation of quick - hitch provided by two (2) over-center locking levers	Yes [ ] No [ ]	
48		Hydraulic connections supplied via hydraulic quick couplers with flush face design	Yes [ ] No [ ]	

# UTILITY WORK MACHINE

## Replacement for 468 STREET

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?	DESCRIBE DEVIATIONS
49	Attachments / Implements (Continued)	Hydraulic supply to attachments must be a minimum 18 GPM with an optional hydraulic flow of 27 GPM	Yes [ ]    No [ ]	
50		An hydraulic pressure release system shall be supplied	Yes [ ]    No [ ]	
51		Primary attachment hydraulics shall be activated by switches which are integrated into the loader joystick, and shall have the capability to lock in to a continuous flow	Yes [ ]    No [ ]	
52		A supplemental control system must be available to control additional attachment functions from the cab	Yes [ ]    No [ ]	
53	Trailer Capacities	A rear receiver hitch system shall be provided which is capable of accepting 2" receiver style hitches, and meets the "Hitch Strength Requirements"	Yes [ ]    No [ ]	
54		The rear receiver hitch must be capable of withstanding 500 lb.	Yes [ ]    No [ ]	
55		The machine must be capable of pulling and stopping tow loads of 4,000 lb.	Yes [ ]    No [ ]	
56	Loader	Loader shall be rated at 1,500 lb. lifting capacity	Yes [ ]    No [ ]	
57		Loader functions controlled by a single pilot - operated hydraulic joystick	Yes [ ]    No [ ]	
58		Lift arm "float" feature shall be provided and activated by the hydraulic joystick	Yes [ ]    No [ ]	
59		A manufacture approved lift arm support device for the loader shall be provided on the machine to mechanically support the lift arm when raised for service work	Yes [ ]    No [ ]	
60	Cargo Area	Cargo box shall have a load capacity of 2,000 lb.	Yes [ ]    No [ ]	
61		Hydraulic dump shall be provided by two (2) hydraulic cylinders, and be activated by a cab mounted control	Yes [ ]    No [ ]	
62		A manufacture approved lift arm support device for the cargo box shall be provided on the machine to mechanically support the lift arm when raised for service work	Yes [ ]    No [ ]	
64		Box sides shall be bolt-on and can be removed to make a flat bed	Yes [ ]    No [ ]	
65		A tailgate shall be provided which includes a quick-latch system, and is capable of supporting a minimum 300 lb. of load in an open position	Yes [ ]    No [ ]	
66		Stake pockets shall be provided on the sides and front of the cargo box	Yes [ ]    No [ ]	

# UTILITY WORK MACHINE

**Replacement for 468 STREET**

#	AREAS	SUGGESTED SPECIFICATIONS	MEET SPEC?	DESCRIBE DEVIATIONS
67	Safety Requirements	An interlock control system shall be provided which automatically disables the loader lift, loader tilt, attachment hydraulics, drive controls, and engages the parking brake when the operator exits the machine	Yes [ ]    No [ ]	
68		Cab structure shall be a 4-post design which is ROPS and FOPS approved per SAE and ISO standards	Yes [ ]    No [ ]	
69		Retractable seat belts must be provided for the operator and passenger, and incorporate a 3-point design which includes a shoulder restraint per SAE J2292	Yes [ ]    No [ ]	
70		Tie down locations shall be provided to allow for easy transport on a trailer	Yes [ ]    No [ ]	
71		Cab must provide location for storage of the operation and maintenance manual	Yes [ ]    No [ ]	
72	Color	White	Yes [ ]    No [ ]	
73	Delivery (FOB Destination)	Shall be delivered with (6) six sets of keys	Yes [ ]    No [ ]	
		State delivery in business days ARO		
74	Warranty	Shall provide a full statement of warranties		

**Enter Make/Model/Year:**

**Cost of Specified Unit:**

Please provide a cost for the following options:

Option #1	68" Snow Bucket	
Option #2	48" Angle Broom	
Option #3	68" Angle Broom	
Option #4	Cargo Box Mounted Spreader	
Option #5	Vibrator Kit for Cargo Box Spreader	
Option #6	Trade in value on a 2004 Bobcat 5600 Tool Cat serial # 424711234 (machine only - no attachments) with 1310 hours - <i>Contact Mike Young at 812-349-3864 to schedule an inspection</i>	

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