INVITATION TO BID

Bid Number: 17.137

Dump Truck

SUBMIT PROPOSALS
By 3:30 p.m. (Local Time) February 14, 2017 to:

The City of Broken Arrow Purchasing Division
P.O. Box 610
1700 W. Detroit (East Building)
Broken Arrow, Oklahoma 74013
(918) 259-8361

Bid Openings Are Held At the Broken Arrow Operations Office Building
485 North Poplar, Conference Room C107
Broken Arrow, Oklahoma 74012

ALL BIDS MUST BE TURNED IN BY THE ABOVE STATED TIME AND TO THE ABOVE STATED ADDRESS. ANY BID NOT RECEIVED AT THE ABOVE ADDRESS ON OR BEFORE THE STATED TIME WILL BE REJECTED. THERE ARE NO EXCEPTIONS.

Local time shall mean the time indicated on the Purchasing Division’s computers as set by “Coordinated Universal Time -6 hours”

Bidders Are Expected to Examine the Solicitation, Statement of Work, Specifications, Instructions, And All Amendments. Failure to do so will be at the Bidder’s Risk.

All Manufacturers, Suppliers or Contractors Are Encouraged to Bid.
Dump Truck

The City of Broken Arrow invites sealed bids for Dump Truck, in accordance with the provisions, specifications and bidding instructions set forth in this invitation for bid. Bids will be received by the Purchasing Division at 1700 W. Detroit, Broken Arrow, Oklahoma, February 14th, 2017 until 3:30 p.m. local time. Bids will be publicly opened and read aloud on February 15th, 2017 at 10:30 a.m. at the Broken Arrow Operations Office Building, 485 North Poplar, Conference room C107 Broken Arrow, OK Late bids will not be considered.

To be considered, your bid must be submitted on a copy of this Invitation to Bid. Bidders shall sign this form in the space provided on the “Terms” and “Signature Sheet” and return bid documents to: The City of Broken Arrow, Purchasing Division, 1700 W. Detroit. If mailed, mail to P.O. Box 610, Broken Arrow, Oklahoma 74013. Bid documents must be returned in a sealed envelope. Mark outside of an envelope with Invitation for Bid Number 17.137 and opening date of bid (February 15th, 2017).

GENERAL PROVISIONS FOR INVITATION TO BID

GP-1 Definitions

(a) ITB means Invitation to Bid
(b) Release means purchase order issued against the specified contract
(c) Solicitation means an Invitation to Bid
(d) City means the City of Broken Arrow

GP-2 Explanation to Bidders

Bidders who need clarifications shall contact the Purchasing Division or the individual shown on the ITB. Oral explanations or instructions given before bid opening will not be binding. Any information given to a bidder concerning a solicitation will be provided promptly to all other bidders as an amendment, if that information is necessary in submitting bids or if the lack of it would be prejudicial to other bidders.

GP-3 Type of Contract

This is a firm fixed price contract for immediate delivery and definite quantities for the supplies/services specified. Should this contract be for indefinite quantities it will be so stated in the contract.

GP-4 Preparation of Bids

(a) Bidders are expected to examine the solicitation, statement of work, instructions, and all amendments. Failure to do so will be at the bidder’s risk.
(b) Each bidder shall provide the information required by the solicitation. Bids shall be typewritten or written in ink, and signed. Penciled bids will not be accepted. The person signing the bid shall initial erasures or other changes.
(c) Any usage amounts specified are estimates only and are not guaranteed to be purchased.
(d) Unit price shall be entered on the form provided or a copy thereof.
(e) If the supplier wishes to bid “all or none” this must be clearly shown on the bid.
(f) Recipients of this solicitation not responding with a bid shall return only the “Statement Of No Interest”

GP-5 F.O.B. Destination

All deliveries shall be F.O.B. Destination, Freight Prepaid. Destination shall mean the receiving dock located at 1700 W. Detroit, Broken Arrow, Oklahoma 74012 or other point specified within the City of Broken Arrow as specified in the
purchase order. The City of Broken Arrow assumes no responsibility for goods until accepted at the receiving point in good condition. Title and risk of loss or damage to all items shall be the responsibility of the contract supplier until accepted by authorized City of Broken Arrow personnel. The successful supplier shall be responsible for filling, processing and collecting all damage claims.

**GP-6 Amendments to Invitation to Bid**

(a) If this solicitation is amended, then all terms and conditions, which are not modified, remain unchanged.
(b) Bidders shall acknowledge receipt of any amendment to this solicitation by signing and returning the amendment with the bid documents

**GP-7 Oral Agreements**

No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the ITB or the resulting contract. The Purchasing Division must make all modifications to the contract in writing.

**GP-8 Submission, Modification, or Withdrawal of Bids**

(a) Bids and bid modifications shall be submitted on proper forms and in sealed envelopes or packages addressed to the Purchasing Division, P.O. Box 610, Broken Arrow, Oklahoma 74013 or if hand delivered, deliver to the office of the Purchasing Division, 1700 W. Detroit, Broken Arrow, Oklahoma. The outside of the envelope or package shall show the opening date and time, the ITB number, and the name and address of the bidder.
(b) The Purchasing Division will open sealed bids at the time and place specified.
(c) Any bid received in the Purchasing Division after the exact time specified for receipt will not be considered.
(d) Bids may be withdrawn or modified by written notice if received no later than forty-eight hours before the bid opening time and date.

**GP-9 Bid Compliance**

The City of Broken Arrow reserves the right to reject any bid that does not comply with the requirements and specifications of the ITB. A bid shall be rejected when the bidder imposes terms or conditions that would modify requirements of the ITB or limit the bidder’s liability to the City.

**GP-10 Evaluation and Award**

(a) The City shall evaluate bids in response to this solicitation and will award a contract to the bidder whose bid is determined to be the lowest responsive, responsible bid.
(b) The City may (1) reject any or all bids, (2) accept other than the lowest bid, and (3) waive informalities or minor irregularities in bids received.
(c) The City reserves the right to accept by item, groups of items or by the total bid.
(d) The City may award multiple contracts for the same or similar supplies to two or more sources under this solicitation.

**GP-11 Notice of Award**

Notice of award letter or purchase order resulting from this ITB will be furnished to each successful bidder and shall result in a binding contract without further action by either party. It shall be the successful bidder’s responsibility to reproduce and distribute copies to all authorized dealers listed in your bid response. No additions, deletions or changes of any kind shall be made to this contract without prior approval of the Purchasing Division.

**GP-12 Termination of Contract**
(a) This contract can be canceled by the supplier for just cause with a thirty (30) day written request and upon written approval from the Purchasing Division.

(b) The City may cancel with just cause upon written notification to vendor
(c) Immediate cancellation shall be administered when violations are found to be an impediment to the function of the City and detrimental to its cause, or when conditions preclude the 30 day notice.

(d) If this contract is terminated, the City shall be liable only for payment under the payment provisions of this contract for supplies and/or services rendered before the effective date of termination.

**GP-13 Extension of Contract**

The City may extend the term of this contract up to ninety (90) days if mutually agreed upon by both parties in writing.

**GP-14 Ordering**

Any supply and/or service to be furnished under this contract shall be ordered with issuance of written purchase orders or other approved means by the City. There is no limit to the number that may be issued. Delivery to multiple destinations may be required. Any order dated prior to expiration of this contract shall be performed. In the event of conflict between a purchase order and this contract, the contract shall have precedence.

**GP-15 State and Federal Taxes**

Purchases by the City of Broken Arrow are not subject to any sales tax or Federal Excise tax. Exemption letters will be furnished upon request.

**GP-16 Contractor Invoices**

(a) The vendor shall be paid upon submission of proper invoices to Accounts Payable, P.O. Box 610, Broken Arrow, Oklahoma 74013 at the prices stipulated on the contract. Invoices shall contain the contract number (if applicable) and purchase order number. Failure to follow these instructions may result in delay of processing invoices for payment. The Company or Corporation bidding shall be the only office authorized to receive orders, invoices and receive payment. If the bidder wishes to ship or provide service from a point other than the address listed on the face of the bid, he will furnish a list of these locations. No ordering or invoicing will be done at these locations.

(b) In cases of partial delivery, the City may at its option make partial payment, dependent on the dollar value, or hold all invoices for final delivery to be completed.

**GP-17 Prompt Payment Discounts**

Discounts for prompt payment will not be considered in the evaluation of offers; however, any discount offered will be annotated on the award and may be taken if payment is made within the discount period.

**GP-18 Gratuities**

The right of the successful bidder to perform under this contract may be terminated by written notice if the Purchasing Division determines that the successful bidder, or its agent or another representative offered or gave a gratuity (e.g., an entertainment or gift) to an officer, official or employee of the City to obtain a contract.

**GP-19 Bid Conformity**

By submitting a response to this solicitation, the bidder attests that the supplies or services conform to specified contact requirements.
GP-20 Warranty

The successful bidder agrees the products furnished under this contract shall be covered by the most favorable commercial warranties the contractor gives to any customer for such products; and rights and remedies provided herein are addition to and do not limit any rights afforded to the City by any other clause of this contract.

GP-21 Conflict of Interest

The Invitation to Bid hereunder is subject to the provisions of the Oklahoma Statutes. All supplies must disclose with the bid the name of any officer, director or agency that is also an employee of the City of Broken Arrow or any of its agencies. Further, all suppliers must disclose the name of any City Official or City Employee who owns, directly or indirectly, any interest of twenty-five percent (25%) or more in the suppliers firm or any of its branches.

GP-22 Patents and Royalties

The supplier, without exception, shall indemnify and save harmless the City of Broken Arrow and its employees from liability of any nature or kind, including cost and expense for or on account of any copyrighted, patented, or process, or article manufactured or used in the performance of the contract including its use by the City of Broken Arrow. If the supplier uses any design, device or materials covered by letters, patent, copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from such design, device, or materials in any way involved in the work.

GP-23 Immigration Compliance

I. Contractor:

   a. has complied, and shall at all times during the term of this Contract, comply in all respects with all immigration-related laws, statutes, ordinances and regulations including without limitation, the Immigration and Nationality Act, as amended, the Immigration Reform and Control Act of 1986, as amended, and the Oklahoma Taxpayer and Citizen Protection Act of 2007 (Oklahoma HB 1804) and any successor laws, ordinances or regulations (collectively, the Immigration Laws’); and

   b. has properly maintained, and shall at all times during the term of this Contract, maintain any and all employee records required by the U.S. Department of Homeland Security (“DHS”), including, without limitation, properly completed and maintained Form I-9s for each of the Contractor’s employees; and

   c. has verified the employment eligibility for all employees hired on or after July 1, 2008 through DHS’s E-Verify system, and shall at all times continue to verify the employment eligibility of all employees hired during the term of this Contract; and

   d. has required, and will at all times during the term of this Contract, require any sub-contractor utilized, hired or sub-contracted for by Contractor for the completion or undertaking of any duties, tasks or responsibilities under this Contract, to comply the requirements and obligations imposed by the Immigration Laws and set forth in Paragraph (I), parts (a), (b) and (c), above, with regards to each of the sub-contractor’s employees.

II. Contractor will indemnify, defend and hold harmless City against any loss, cost, liability, expense (including, without limitation, costs and expenses of litigation and reasonable attorneys fees) demands, claims, actions, causes of action, liabilities, suits, damages, including special and consequential damages that arise from or in connection with, directly or indirectly, Contractor’s failure, deliberate or negligent, to fulfill its obligations and representations regarding verifying the employment eligibility of its employees and the employees of any subcontractor utilized by Contractor as set forth more fully in Paragraph I above.
**Specifications**

The following specifications are intended to define the level of quality and performance of the requested equipment and not to be restrictive. Equipment offered shall be of equivalent dimensions, quality and performance. Bidder offering other equipment shall submit, with their bids, an itemized comparison with this specification documenting equivalence for dimensions, quality and performance. The offered equipment shall provide the following features as noted hereinafter.

**The Following Are Minimum Requirements**

**SPECIFICATIONS, CAB AND CHASSIS**

The following specifications are intended to define the level of quality and performance of the requested equipment and not to be restrictive. Equipment offered shall be of equivalent dimensions, quality and performance. Bidder offering other equipment shall submit, with their bids, an itemized comparison with this specification documenting equivalence for dimensions, quality and performance. The offered equipment shall provide the following features as noted hereinafter.

**The Following Are Minimum Requirements**

It is the intent of these specifications to secure one (1) new current year, manufactured 58,000 GVW Cab and Chassis with installed dump bed, auxiliary hydraulics and snow plow preparation, for dump truck and street sanding operations. **NOTE:** Chassis, dump bed, auxiliary hydraulics and snow plow preparation shall be bid together as a complete unit.

### Cab:

<table>
<thead>
<tr>
<th>Type</th>
<th>Conventional with air ride</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hood</td>
<td>Tilt forward type</td>
</tr>
<tr>
<td>Front bumper</td>
<td>Full width painted steel</td>
</tr>
<tr>
<td>Seats</td>
<td>Driver seat, high back with air suspension and insulator, vinyl covering. Passenger seat, high back non-suspension bucket seat, vinyl covering, with storage underneath</td>
</tr>
<tr>
<td>Seat belts</td>
<td>Shall be provided for both seats</td>
</tr>
</tbody>
</table>

### Chassis:

<table>
<thead>
<tr>
<th>Cab to Axle</th>
<th>126” must be useable with no obstruction protruding above frame</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NOTE:</strong> This measurement subject to change, and it shall be the bidder’s responsibility to determine the correct CA length needed to meet the supplied dump bed requirements</td>
<td></td>
</tr>
<tr>
<td>Rear frame overhang</td>
<td>As required. It shall be the bidder’s responsibility to determine the correct rear frame overhang, if any, needed to meet the supplied dump bed requirements</td>
</tr>
<tr>
<td>Complies with this section</td>
<td>Yes_________ No_________</td>
</tr>
</tbody>
</table>

### Frame:
<table>
<thead>
<tr>
<th>Main</th>
<th>120,000 PSI minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement</td>
<td>Integral C-channel reinforcement or equal on entire length of frame to include front frame extension</td>
</tr>
<tr>
<td>Frame extension</td>
<td>Integral frame extension, approximately 20 inches, for snow plow mounting</td>
</tr>
<tr>
<td>Other</td>
<td>Front frame must be designed to allow attachment and support of a heavy duty snow plow. Plow weight approximately 1,500 lbs.</td>
</tr>
</tbody>
</table>

Complies with this section | Yes | No |

**Engine:**
- Diesel
- Minimum: 350HP/1000 FT. LBS. torque
- Type: In-line 6 cylinder
  - Show engine, make, model, configuration, horsepower, and torque of engine bid:

<table>
<thead>
<tr>
<th>Engine protection</th>
<th>High temperature / low oil pressure, incorporated into engine management system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine hour meter</td>
<td>Dash mounted, (must show total accumulated hours-non-resettable)</td>
</tr>
<tr>
<td>Fuel filters</td>
<td>Primary and secondary required, spin on type</td>
</tr>
<tr>
<td>Fuel tank</td>
<td>Single aluminum tank, left side, 80-gallon minimum</td>
</tr>
<tr>
<td>Oil filter/s</td>
<td>Replaceable spin on type</td>
</tr>
<tr>
<td>Tachometer</td>
<td>To be dash mounted in full view of operator</td>
</tr>
<tr>
<td>Radiator</td>
<td>Largest size available, heavy duty, with overflow tank</td>
</tr>
<tr>
<td>Radiator position</td>
<td>Radiator positioned to allow for mounting of crankshaft driven, hydraulic pump</td>
</tr>
<tr>
<td>Radiator fan</td>
<td>Horton Brand, temperature controlled, automatic</td>
</tr>
<tr>
<td>Air filter</td>
<td>Single element, dry type, with restriction indicator visible in cab</td>
</tr>
<tr>
<td>Exhaust</td>
<td>Factory horizontal muffler &amp; tail pipe w/curb side discharge</td>
</tr>
<tr>
<td>Block heater</td>
<td>110-120 V, 1200 Watt minimum</td>
</tr>
<tr>
<td>D. E. F. tank capacity</td>
<td>Show Gallons: _____________________</td>
</tr>
</tbody>
</table>

Complies with this section | Yes | No |

**Transmission:**
- Type: Automatic – Allison 4500 RDS - six speed or equal
- PTO: Power take off opening required
- Shifter: Push button type
- Transmission temp gauge: Incorporated with instrument cluster
- ECU parameters: Dump truck and snow removal operations. Sander/spreader

Complies with this section | Yes | No |

**Axles:**
- Front: Minimum, 18,000lbs. GVW, (set forward), I-beam with heavy duty shocks
- Front springs: Minimum, 18,000lbs., leaf spring type
- Front wheel bearings: Oil filled bearing hubs with serviceable wheel seals
Rear: Tandem, single reduction ratio with power divider lock
Rear suspension: Minimum 40,000lbs. (Hendrickson Haul Max or equal) with 52-inch axle spacing
Transverse torque rods: Required, Heavy duty
Gear ratio: Ratio that provides for maximum performance in dump truck operations (On and Off road in city driving conditions with some highway travel.) Gear ratio must allow truck to reach 65-70 mph highway speeds fully loaded
Show: _____________________________________________
Grade ability report: Attach grade ability report with recommended gear ratio to proposal sheet
Complies with this section: Yes_________ No_________

Tires:
Front: Goodyear or equal 315/80R 22.5, tubeless
Rear: Goodyear or equal 11R/22.5, tubeless
Complies with this section: Yes_________ No_________

Wheels:
Type: Disc, hub piloted, with minimum .472” thick wall for heavy duty service
Color: White
Complies with this section: Yes_________ No_________

Steering:
Heavy-duty power assist steering
Complies with this section: Yes_________ No_________

Service and parking brakes:
Type: Air brakes, S-Cam type
Slack adjusters: Automatic adjusting type
Air compressor: 13.2 CFM with warning buzzer
Air dryer: Rockwell Wabco System Saver 1200 with heater or equal with spin on cartridge
System air lines: Color coded
Air tank drain valves: Required with cable pull type valves
Rear/Rear brake chambers: Located inside rear tire envelope to meet asphalt /paver clearance requirements (Photo #21)
ABS brakes: Required, Bendix or Wabco
Complies with this section: Yes_________ No_________

Electrical:
Alternator: 12volt, 100 Amp
Battery: 12volt, two each, minimum 1850 CCA

Complies with this section: Yes_________ No_________
Lights  In accordance with ICC standards
Jump start studs  Required, located at or near battery box area

Auxiliary power plug  Dash mounted 12-volt, cigarette lighter style
Body builder harness  Required for aftermarket body auxiliary lighting
Cab floor pass-through  Required for body builder wiring

Complies with this section  Yes________  No________

Accessories:
Ignition keys  Door and ignition keyed alike, 4 keys required for each chassis
Air conditioning  Factory installed air conditioning with cabin air filter
Safety glass  All around, factory tinted
Mirrors  Right and left west coast breakaway type with 7 1/2” convex
Radio  AM/FM, factory installed
Heater and defroster  Fresh air type
Windshield wipers  2-speed w/intermittent
Windshield washers  Dual required
Dome light  Required
Overhead cab storage  Required
Sun visors  Dual required
Glove box or door pocket  Required
Cab grab handles  One on each side
Steps  Ergonomically designed cab entry steps on street & curb sides
Horns  Air horn required
Gauges  Gauge package required, w/warning lights
Bug screen  Behind grill design
Tow hooks  Dual front mounted tow hooks
Back up alarm  102 DBA

Complies with this section  Yes________  No________

Paint:
Paint  Base coat/clear coat paint-standard white color
Interior color  Brown, tan, or gray – Show: ________________

Complies with this section  Yes________  No________

Other:
All components or features not specifically mentioned, which are necessary to provide a complete unit, or that is standard equipment, shall be included in the bid

Complies with this section  Yes________  No________

Warranty:
Each bid must include full warranty information both on cab, engine and drive train

Complies with this section  Yes_________  No_________

Manuals and parts books:
The successful bidder shall furnish the following manuals at the time of truck delivery:
   a) One (1) operator’s instruction manual for each vehicle purchased
   b) One (1) work shop manual or online access for entire chassis, to include, electrical schematics, and emissions, drive ability and ECM diagnostics

Complies with this section  Yes_________  No_________

Additional Optional Equipment

The following list represents the additional equipment options that may be ordered under this contract.
Bidder shall furnish with their bid, the price to be added, deducted from the base bid for each of the following options:

Options:
Keys  Additional keys, each
Tilt steering and cruise  Add tilt wheel and cruise control
Windows  Power windows
Battery  Additional 3rd battery
Snow plow wiring and switches:
   Add factory installed, high amp, auxiliary switches and wiring for snow plow operation. Switches and wiring shall facilitate between truck and snow plow light functions.
Auxiliary switches  Factory installed, dash mounted auxiliary switches for body builder use. 20amp rating. Minimum of (6) switches

End of chassis specifications

SPECIFICATIONS-DUMP BED AND HYDRAULICS

The following are minimum requirements

Dump body:
Capacity  15 yards. Show __________
Length  15 feet
Width  7 feet
Side height 36 inches to 40 inches
Chassis requirement  58,000 GVW with useable CT of 126", (or as needed by dump bed manufacture)

Complies with this section  Yes_________  No_________

Dump body material:
<table>
<thead>
<tr>
<th>Type</th>
<th>10-gauge high strength steel, 50,000 PSI min. yield or equal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floor</td>
<td>1/4” AR400 steel or equal</td>
</tr>
</tbody>
</table>

Complies with this section Yes__________ No__________

**Dump body bracing:**

<table>
<thead>
<tr>
<th>Front</th>
<th>Braced to prevent deformation under load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sides</td>
<td>Vertical side bracing required, 5 each side</td>
</tr>
<tr>
<td>Top rail</td>
<td>Boxed top rail with standard pockets for extension side boards</td>
</tr>
<tr>
<td>Floor</td>
<td>2” minimum radius between floor and sides</td>
</tr>
<tr>
<td>Understructure</td>
<td>Longitudinal sufficient strength to withstand max load and resist twisting, cross members @ 12” centers extending to rub rails</td>
</tr>
<tr>
<td>Tailgate</td>
<td>Double acting box type with chains, rails sloped for self-cleaning</td>
</tr>
</tbody>
</table>

Complies with this section Yes__________ No__________

**Dump body accessories:**

| Tailgate latch | Positive over center type, adjustable, air operated latch release |
| Tailgate air cylinder location | Offset to driver side (See photo 9) |
| Tailgate latch switch | Mounted in control pedestal (Photo #10) |
| Asphalt apron | 6” apron, full width, with side skirts |
| Chain keepers | 1 each side of tailgate with adjusting slots to store chains when not in use |
| Chain adjusting slots | Key hole type, (2) each side, side mounted. *(I upper, to position tailgate in a lay down position to facilitate hauling brush type material; I lower, to limit opening of tailgate for spreading operations see Photo #11)* |
| Side boards | Wood, Oak |
| Cab protector | To cover approximately 1/2 of cab with approximately 9° slope |
| Safety strut | 1 each side, to hold bed in up position for service |
| Tarp system | Donovan Bullet electric tarp rack system only *(part number 2858)* |
| Tarp motor wiring | Shall be routed along chassis frame. From frame to tarp motor via conduit secured to bed frame. *(No exposed wiring on dump bed. See also Construction in section titled Other)* |
| Bed step | 20” step, 2 rung, 4” wide of grip strut metal, located L/F corner of body, grab handles, required |
| Mud flaps | Required, no advertisement |
| Grease zerts | Required at all high wear pivot points |
| Hoist | Front mounted, telescopic, 20-ton min. capacity, 7” cylinder |
| Dump angle | 50° max, show raise and lower times Show________________ |

**Lighting and electrical:**

<p>| Light type | All dump bed lights shall be L.E.D. type. Brake-tail-turn, back-up and strobes, oval grommet flush mount type |</p>
<table>
<thead>
<tr>
<th>Body lighting</th>
<th>Must meet all applicable state and federal regulations, to include: stop, tail, turn, and clearance lights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chassis tail lights</td>
<td>Factory chassis tail lights to be removed and stowed in cab</td>
</tr>
<tr>
<td>Light mounting location</td>
<td>1) Lights to be flush mounted mid-way up in the rear vertical edge of bed <em>(The rear vertical support gusset may have to be modified to accept the flush mounted oval lights or as needed for rear vertical lights)</em></td>
</tr>
<tr>
<td></td>
<td>2) Brake, tail and turn lights to be mounted on both bed sides, recessed in rear edge of channel in the lower most position</td>
</tr>
<tr>
<td></td>
<td>3) Back-up lights to be mounted on both bed sides, recessed in rear edge of channel in the middle position</td>
</tr>
<tr>
<td></td>
<td>4) Alternating LED amber strobe lights, mounted on both bed sides, recessed in rear edge of channel in the upper most position. Note: These strobes shall be controlled by factory dash auxiliary switch. <em>(photo #19)</em></td>
</tr>
<tr>
<td>Wiring</td>
<td>Color coded, loomed and properly secured to frame to prevent sagging.</td>
</tr>
<tr>
<td></td>
<td>All wiring outside of frame and around tires and under dump bed shall be install inside conduit to protect from ice and snow formation damage. Connections and splices to be properly sealed to prevent corrosion. <strong>Scotch lock type connectors are not acceptable</strong></td>
</tr>
<tr>
<td>Wiring conduit</td>
<td>Required from junction box to vertical mounted dump bed lights. <em>See also Construction in section titled Other</em></td>
</tr>
<tr>
<td>Wiring junction box</td>
<td>Chassis wiring and dump bed wiring shall be spliced/connected in a weather proof junction box such as Napa # 50400 w/weather proof adaptor fittings or equal, mounted on the accessory plate. <em>(#20) See also Construction in section titled Other</em></td>
</tr>
<tr>
<td>Mounting plate</td>
<td>Accessory mounting plate, right rear of bed, welded to dump bed frame. electrical junction box, back up alarm and 7-way trailer plug. <em>(photo #20-See, also Construction in section titled Other)</em></td>
</tr>
<tr>
<td>Paint:</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Standard white gloss to match cab and chassis</td>
</tr>
<tr>
<td>Complies with this section</td>
<td>Yes_______ No_______</td>
</tr>
<tr>
<td>Hydraulic system:</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Full time hydraulic system. Parker Flow on the Go System or equal system that provides hydraulic power for dump, snow plow and sanding operations</td>
</tr>
<tr>
<td></td>
<td>Show: _____________________________</td>
</tr>
<tr>
<td>Pump drive</td>
<td>Front mounted engine crank shaft drive. <em>(Photo #12)</em></td>
</tr>
<tr>
<td>Pump hydraulic control</td>
<td>Pedestal mounted control switch / lighted</td>
</tr>
<tr>
<td>Control valves</td>
<td>Directional control valve, Five, each cable operated, frame mounted <em>(Photo #13)</em></td>
</tr>
<tr>
<td>Valve type</td>
<td>Valve will have O-ring boss ports and built in pressure relief cartridge. Example: Greson brand V20-011793-1 or equal</td>
</tr>
<tr>
<td>Valve 1</td>
<td>Dump bed operation-raise/lower non-locking with return to center hold position, to include cable actuated bed stop</td>
</tr>
</tbody>
</table>
Valve 2  Sander operation with forward locking action / center return to neutral
Valve 3  Plow operation, forward position locking, for down/float of plow blade, back position non-locking for lifting plow blade, center position return
Valve 4  Plow operation, Non locking, forward (left), back (right) center (neutral). For articulating snow plow blade
Valve 5  Sander unloading operation with forward locking, center return, for direct run of conveyor
All valves  Labeled as to function and direction of operation

Valve cables  Sealed weather resistant cables, pedestal mounted
Control pedestal  Pedestal mounted in cab between seats, within easy reach of operator. (must be able to see dump bed through driver’s side mirror while operating controls. (photo #14)
Bed stop  Cable actuated bed stop required. See also control valve 1

Hydraulic reservoir  Minimum 55 gallon-remote mounted rectangular shaped to allow maximum ground clearance on right side of truck frame, to include sight glass w/temperature indicator, magnetic drain plug, filler breather cap. Tank shut off valve required. Tank must be fitted with additional 1-1/4” return port to accommodate a return line and filter from the sander hydraulics. (photo #15-#16 & #17)
Hose/pipes sizes  Tank to pump suction hose, 2 inch
Pump to valve bank hose, 1 inch
Valve to dump cylinder, as required per bed manufacturer.
Valve to sand spreader connections, ¾ inch
Sand spreader connection return, 1-1/4 inch
Valve to snow plow, 3/8 inch
Note: All hydraulic hoses to be properly routed and secured to prevent damage or interference with moving chassis parts

Hydraulic return filter  Plumbed into the sander return line circuit to (photo #17)
Napa #4759 filter head and Napa # 1759 spin on filter mounted in suitable location to allow servicing
Sander couplers  One each ¾ inch quick coupler, Buyers brand #B40005 and one each 1 inch quick coupler, Buyers brand #40006. Coupler’s mounted at rear of bed frame in mounting plate (photo #18). Female ends to be stowed in cab for delivery
Plow coupler  Three each, 3/8inch quick coupler, Buyers brand # B40003 with male coupler installed on hose, routed to frame behind front bumper (photo #12) Female ends to be stowed in cab for delivery.

Complies with this section  Yes__________  No__________

End of dump bed and hydraulic system specifications

Additional optional equipment:
The following list represents the additional equipment options that may be ordered under this contract.
Bidder shall furnish with their bid, the price to be added/deducted from the base bid for each of the following options:

**Options:**

Electric dump bed vibrator: 12-volt, dump bed vibrator, with control switch mounted on dump bed control pedestal

Move front tow hooks: Remove front tow hooks and install on rear. 1 mounted on each side of rear frame rail. See *(Photo #1)*

Front bumper fabrication: Fabricate and install front bumper *(See front bumper pictures #2 thru #8)*

- **Bumper material:** 15-inch X 33.9 lb. per foot, C-Channel
- **Mounting bracket material:** (4) each, 6-inch angle by ½ inch-thick or equal
- **Cross brace:** (1) each, 3-inch angle by ¼ inch thick or equal
- **Frame mounting bolts:** ¾ inch Grade 8 bolts with nylock nuts and flat washers *(see photo # 6)*
- **Factory bumper:** Remove and put in dump for bed

Continued on next page
**SPECIFICATIONS OTHER**

**Other:**
All components of features not specifically mentioned, which are necessary to provide a complete unit, or that is standard equipment, shall be included in the bid. Include brochure of dump bed with bid packet.

**Construction:**
City of Broken Arrow’s Fleet Division will provide photos detailing hydraulic plumbing and electrical wiring installation for the body builder prior to beginning build.

**Installation, mounting and delivery:**

**Installation**
Install on chassis as specified above

**Mounting**
By the manufacturer or authorized dealer in accordance with industry standards and these specifications.

**Delivery**
Chassis, dump body, hydraulics, sander/snow plow hydraulics, snow plow wiring, to be fully assembled, serviced and ready to operate upon delivery.

**Inspection:**
Broken Arrow reserves the right to inspect vehicle / equipment prior to delivery.

Complies with this section  
Yes_______  No _______

**Manuals and parts books:**
The successful bidder shall furnish the following manuals in book form at the time of truck delivery:

a) One (1) operator’s instruction manual for each vehicle purchased

b) One (1) parts book for entire truck to include drive train

c) One (1) work shop manual or CD or Online service for entire chassis, to include, electrical schematics, emissions/drivability, ECM diagnostics and SCR diagnostics if equipped

COMPLIES WITH THIS SECTION  YES ______ NO ______

**Warranty:**
Each bid must include full warranty information on cab, engine, drivetrain and dump body

End of specifications
Build Photos

Tow Hook

Front bumper

Left side view

Right side view

Photo #1

Photo #2

Photo #3

Photo #4

Inside frame mounting

outside frame mounting

Photo #5

Photo #6

Snow plow light plug, 7-way trailer plug

Mounted on frame behind bumper

Photo #7

Photo #8
Hydraulic return filter on sander hydraulics

Hydraulic couplers for sander

Rear of dump bed light configuration

Electrical junction box on accessory plate

Brake Chambers
PROPOSAL SHEET

THIS SHEET MUST BE COMPLETED AND ACCOMPANY BID

Bid Number: 17.137

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Quantity</th>
<th>Description</th>
<th>Unit Price</th>
<th>Total bid amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Dump Truck</td>
<td>$ _____________</td>
<td>$ _____________</td>
</tr>
</tbody>
</table>

**Chassis:**
Year/make/model chassis: ________________________________

Warranty chassis: ________________________________

Nearest parts and service location, chassis: ________________________________

List delivery time in days: ________________________________

**Dump Body:**
Make: ________________________________ Model: ________________________________

Weight of dump body: ________________________________

Warranty dump bed: ________________________________

Warranty hydraulics: ________________________________

Nearest parts and service location, body and hydraulics: ________________________________

**Options: Chassis**
Keys each

Cost

Tilt steering and cruise

Power windows

Additional battery

Snow plow wiring and switches

Auxiliary switches

**Options: Dump Body**
Bed vibrator

Front bumper fabrication

Move front tow hooks

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Terms and Signature Sheet

Indicate length of time requires, in calendar days, for delivery/completion after notification of award (oral or written), as this may be a factor in making an award. ____________________ Calendar days.

All prices shall be F.O.B. Destination: Location shown within bid documents under the heading GP-5 or as may be stated on the purchase order or verbal instructions given at time order is placed.

In compliance with this invitation for bid number 17.137 and subject to all conditions thereof, the undersigned offers and agrees to furnish any or all items and/or services upon which prices are quoted, at the price quoted as specified.

My signature certifies that the accompanying bid is not the result of or affected by, any act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud punishable under Federal, State, or City Law. Furthermore, I understand that fraudulent and collusive bidding is a crime under Federal, State, and City Law and can result in fines, prison sentences, and civil damage awards. I hereby certify that I am authorized to sign this bid for the bidder.

If you desire not to bid on this Invitation, forward your acknowledgement of “No Bid”. Return of only the “Statement of No Interest Sheet” with authorized signature and indicate the reason for “No Bid”. Failure to comply may be cause for removal of your company’s name from the bid list for the subject commodity and/or service.

Complete Legal Name of Bidder:

______________________________________________________________________ Date: ______________________

Company Name

Address: ________________________________________

City State Zip Code

Signature: ______________________________ Official Title: ______________________________

Please print or type name clearly: ______________________________________________________

Telephone Number: ______________________________ Fax Number: ______________________________

Federal Tax ID Number: ______________________________

THIS BID IS INVALID IF NOT SIGNED BY AUTHORIZED AGENT AND NOTARIZED
BID AFFIDAVIT

The following affidavit is to accompany the bid:

STATE OF: __________________________
COUNTY OF: __________________________

____________________________________
______________________, of lawful age, being first duly sworn, on oath
says: 1. (S)he is the duly authorized agent of ________________________________, the offeror submitting the
competitive offer which is attached to this statement, for the purpose of certifying the facts pertaining to the existence of
collusion among offerors and between offerors and city officials or employees, as well as facts to pertaining to the giving
or offering of things of value to government personnel in return for special consideration in the letting of any contract
pursuant to the offer to which this statement is attached; 2. (S)he is fully aware of the facts and circumstances surrounding
the making of the offer to which this statement is attached and has been personally and directly involved in the proceeding
leading to the submission of such bid; and 3. neither the offeror nor anyone subject to the offeror’s direction or control has
been a party: a. to any collusion among offerors in restraint of freedom of competition by agreement to submit an offer at
a fixed price or to refrain from submitting an offer, b. to any collusion with any city official or employee as to quantity,
quality or price in the prospective contract, or as to any other terms of such prospective contract, nor c. in any discussions
between offerors and any city official concerning exchange of money or other things of value for special consideration in
the letting of a contract.

X ___________________________________________________________________

Subscribed and sworn to before me this _________ day of_____________________ 20________

My Commission Expires: __________________     ______________________________________________

Notary Public (or Clerk or Judge)

THIS BID IS INVALID IF NOT SIGNED BY AUTHORIZED AGENT AND NOTARIZED
INTEREST AFFIDAVIT

The following affidavit is to accompany the bid:

STATE OF: _____________________________
COUNTY OF: ____________________________

____________________________________________________________, Of lawful age, being first duly sworn, states that s(he) is the agent authorized by the bidder to submit the attached bid. Affiant further states that no officer or employee of the City of Broken Arrow either directly or indirectly, owns a twenty-five percent (25%) interest in the bidder’s business or such a percentage, which constitutes a controlling interest. Affiant furthers states that the following officers and/or employees of the City of Broken Arrow have some direct or indirect interest in the bidder’s business:

________________________________________________________________________

For purposes of this affidavit, a direct or indirect interest is defined to include any relationship existing on the date of this affidavit, or which previously existed within the past year. Such an interest shall also be defined to include any business relationship between or among the proposed parties to the contract project and also to include any business relationship between the officers and directors of the proposed contracting parties of the project.

X ____________________________

Subscribed and Sworn to before me this ___________ day of ________________________ 20_________

My Commission Expires: __________________    ________________________________________________
Notary Public

THIS BID IS INVALID IF NOT SIGNED BY AUTHORIZED AGENT AND NOTARIZED
STATEMENT OF NO INTEREST

Bid Number: 17.137

IF YOU DO NOT INTEND TO SUBMIT A BID, RETURN THIS FORM IMMEDIATELY

The Purchasing Division of the City of Broken Arrow wishes to keep its vendor list file up-to-date. If, for any reason you cannot supply the commodity/service noted in this bid solicitation, this form must be completed and returned to remain on the particular bid list for future projects of this type.

If you do not respond to this inquiry within the time set for the bid opening date and time noted, we will assume that you no longer supply this commodity/service, and your name will be removed from this bidders list.

We undersigned have declined to submit a bid on commodities or services outlined in the attached bid documents.

___ Specifications too “tight”, i.e. geared toward one brand or manufacturer only (explain below)

___ Specifications are unclear (explain below)

___ We are unable to meet specifications

___ Insufficient time to respond to bid

___ Our schedule would not permit us to perform

___ We are unable to meet bond requirements

___ We are unable to meet insurance requirements

___ We do not offer this product or service

___ Remove us from your vendor list for this commodity or service

___ Other (specify below)

Remarks:

__________________________________________________________________________________________________

__________________________________________________________________________________________________

Address: __________________________________________________________________________________________

Telephone Number: _____________________ Fax Number:_______________________________

Signed: ___________________________________________________________________________________________
INSTRUCTIONS FOR SUBMITTING A SEALED BID OR QUOTATION

IF SUBMITTING A SINGLE SEALED BID:

1. PLACE BID IN AN OPAQUE ENVELOPE AND SEAL. **TYPE OR PRINT** BID NUMBER AND OPENING DATE IN THE LOWER LEFT CORNERS

2. IF SENDING FEDERAL EXPRESS OR OTHER EXPRESS MAIL REQUIRING A SEPARATE ENVELOPE, PLACE THE ABOVE DESCRIBED IN THE EXPRESS MAILER. **DO NOT** PLACE BID DOCUMENTS IN THE EXPRESS ENVELOPE WITHOUT FIRST PLACING IN A SEPARATE ENVELOPE AS DESCRIBED IN ITEM ONE.

TWO OR MORE BIDS WITH DIFFERENT BID NUMBERS

1. PLACE EACH BID IN DIFFERENT OPAQUE ENVELOPE AND SEAL. **TYPE OR PRINT** BID NUMBER AND BID OPENING DATE IN THE LOWER LEFT HAND CORNERS.

2. PLACE EACH BID IN A LARGER ENVELOPE. **TYPE OR PRINT** “BIDS” IN THE LOWER LEFT HAND CORNER.

3. IF SENDING BY FEDERAL EXPRESS OR OTHER EXPRESS MAIL REQUIRING A SEPARATE ENVELOPE, PLACE THE ABOVE DESCRIBED IN THE EXPRESS MAILER. **DO NOT** PLACE BID DOCUMENTS IN EXPRESS ENVELOPE WITHOUT FIRST PLACING IN A SEPARATE ENVELOPE AS DESCRIBED IN ITEM ONE.

BIDS MAY BE REJECTED IF THE ABOVE INSTRUCTIONS ARE NOT FOLLOWED