

**INVITATION FOR BID**

THIS FORM MUST BE COMPLETED AND  
SIGNED FOR YOUR BID TO BE CONSIDERED VALID.

Address to: Procurement Manager  
City of Kingsport  
225 W Center Street  
Kingsport, TN 37660  
phone (423) 229-9419 or fax (423) 224-2433

Date Issued: 10/09/17  
F.O.B. Kingsport  
  
Total Number of Pages: 16

This sealed bid in the original copy, subject to the terms and conditions on the attachment, will be received by the Procurement Manager until 4:00 P.M., Eastern Time on October 25, 2017 at which time will be publicly opened in the Council Room, City Hall, 225 W. Center Street, Kingsport, Tennessee. IN THE LOWER LEFT CORNER OF YOUR ENVELOPE ADDRESSED TO ABOVE, MARK YOUR ENVELOPE "DIESEL TANDEM AXLE DUMP TRUCK" AND DATE OF THE BID OPENING.

**READ TERMS AND CONDITIONS BEFORE COMPLETING THIS FORM**

Item	Quantity	U/I	Description	Unit Price	Total Price
01	1	EA	DUMP TRUCK, TANDEM AXLE, DIESEL POWERED AS PER ATTACHED SPECIFICATIONS		
02	1	EA	OPTION A		
03	1	EA	TRADE-IN ALLOWANCE EQUIPMENT # 1742  BRAND/MODEL  _____		
			Delivery Terms: <ol style="list-style-type: none"> <li>1. Delivery no later than _____ business days after acceptance of order which shall be defined as purchase order date.</li> <li>2. The Fleet Maintenance Department will complete vehicle inspection to insure compliance with specifications within ___10___ business days after delivery.</li> <li>3. If deficiencies are identified upon inspection, the time frame allowed for vendor to correct deficiencies and return vehicle/equipment to the Fleet Maintenance Department will be ___15___ business days after notified by the Fleet Manager.</li> </ol>		

		<p>Liquidated Damages:</p> <p>As actual damages for any delays in delivery of the vehicles/equipment which the bidder is required to perform as per this bid document are difficult to determine, the Bidder shall be liable for and shall pay to the Owner the sum of Fifty Dollars (\$50.00) as fixed, agreed and liquidated damages for each business day of delay per purchase order and not per unit from the number of days stipulated for delivery and for deficiency correction.</p>		
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In compliance with this Invitation for Bid and subject to all conditions thereof, the undersigned agrees, if this bid is accepted within 60 days from the date of the opening, to furnish all of the material/service upon which prices are quoted, delivered at the designated point(s) within the time specified.

(A) Terms: NET

(B) Specification/Letter of explanation enclosed: YES ( ) NO ( )

\_\_\_\_\_

Handwritten Signature of Authorized Representative

\_\_\_\_\_

Name of Firm Date

**THIS FORM MUST BE SIGNED TO BE CONSIDERED COMPLETE**

# IRAN DIVESTMENT ACT AFFIDAVIT

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As per Tennessee Code Annotated, Title 12, and effective July 1, 2016:

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

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Signature

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Date

**\*\*\*\*\*This Document must be signed & included with your Bid Submittal\*\*\*\*\***

## TERMS AND CONDITIONS

1. Bids must be submitted on this form only and bear the handwritten signature of an authorized representative of the firm to be considered valid. Each bid will be placed in a separate envelope. Be sure the envelope is completely and properly identified and sealed. Telephone bids or fax bids will not be accepted. Unless otherwise stated by the City, no bidder may withdraw his bid within a period of sixty (60) days after the date set for the opening of bids.
2. If prices are quoted FOB Kingsport, TN., delivery to City of Kingsport locations shall be without additional charge.
3. Failure to examine any drawings, specifications, and instructions will be a bidder's risk. If bidder is in doubt as to the true meaning of any part of the drawings, specifications and instructions or other documents, he should submit a written request for an interpretation to the Procurement Manager. An interpretation of the documents will be made only by addendum issued by the Procurement Manager to each firm to whom an invitation was forwarded. The City will not be responsible for explanation or interpretations of bid documents except as issued in accordance herewith.
4. Where a brand or trade name appears in the specifications, it is understood that the brand or trade name referred to, or its approved equivalent, shall be furnished. If no mention is made of any exceptions, it is assumed that he is bidding on the article mentioned and not an approved equivalent.
5. The bidder is requested to attach brochure-type information on the supplies furnished. All guaranteed and warranties should be clearly stated.
6. Taxes. The City is exempted from Federal excise taxes and state and local sales taxes and bidders must quote prices which do not include such taxes. An exemption certificate will be furnished upon request.
7. Bids and modifications or corrections thereof received after the closing time specified will not be considered. The City is not responsible for delays in delivery by mail, courier, etc.
8. Any exceptions to these terms and conditions or deviations from written specifications will be shown in writing and attached to the bid form.
9. Any alteration, erasure, addition to or omission of requested information, change of the specifications, or bidding schedule, is made at the risk of the bidder and may result in the rejection of the bid, unless such changes are authorized by the specifications.
10. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of the invoice or the date of receipt of all material covered by the order/contract, whichever is the later date.

11. Charges for boxing or cartage will not be allowed unless previously agreed upon.
12. Default in promised delivery and failure to comply with specifications authorizes the City to purchase supplies elsewhere and charge the difference to defaulting Vendor.
13. Bidder agrees to defend and save City of Kingsport from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patents relating to goods specified in this order or the ordinary use or operation of such goods by City or use or operation of such goods in accordance with bidders direction.
14. In case of error or discrepancy in the mathematics of the bid price, the unit prices shall prevail.
15. By submission of a signed bid, the bidder certifies total compliance with Title VI and Title VII of the Civil Rights Act of 1964, as amended, and all regulations promulgated thereunder.
16. Contracts and purchases will be made or entered into with the lowest, responsible, compliant bidder meeting specifications for the particular grade or class of material, work or service desired in the best interest and advantage to the City of Kingsport. Responsible bidder is defined as a bidder whose reputation, past performance, and business and financial capabilities are such that he would be judged by the appropriate City authority to be capable of satisfying the City's needs for a specific contract or purchase order.
17. The City reserves the right to determine the low bidder either on the basis of the individual items or on the basis of all items included in its INVITATION TO BID, unless otherwise expressly provided in the INVITATION TO BID. The City reserves the right to accept any item or group of items of any kind and to modify or cancel in whole or in part, its INVITATION TO BID.
18. All contracts or purchase orders issued for this award will be governed by the laws of the State of Tennessee.
19. The City, in accordance with its governing directives, reserves the right to reject any and all bids, to waive any informality or irregularities in bids and unless otherwise specified by the bidder, to accept any item.
20. This Bid includes an option to allow the City of Kingsport the right to purchase additional vehicles/equipment. The City's use of this option will be dependent upon the price offered by the vendor and the availability of funding. The City may exercise this option clause for a period of twelve (12) months after the award of the Bid. The City is aware that costs may increase for vehicle/equipment manufacture and delivery, and therefore a price adjustment for unit cost may be negotiated between the two parties. Documentation of cost increase is to be provided to the City by the Awarded Bidder as requested.

## **GENERAL PROVISIONS**

1. The unit and associated equipment shall be furnished complete and in readiness for use.
2. Special Awarding Criteria. While the purpose of the bid document is to indicate certain minimum requirements, its use is not intended to relieve the City of all responsibility in making a selection which is the most suitable for the City's service.

Although proposals may be received based on the minimum requirements indicated, it is not intended that this alone shall limit the award but other factors will be considered, including the experience of the City and others.

3. Unless the capabilities of the equipment, which the Vendor bids, is known to the City, bidder agrees to provide a model within reasonable distance of the City of Kingsport, for evaluation purposes at no expense to the City of Kingsport.
4. Trade-in. Vendors are requested to consider a trade-in allowance for the following: City Vehicle # 1742-1742 2007 GMC Dump Truck. Vendor is to contact Steve Hightower, Fleet Manager (423-224-2434) to arrange an appointment to inspect this vehicle. The City reserves the right to accept or reject any trade-in allowance.
5. OPTIONAL EQUIPMENT. Optional Equipment selection will be at the discretion of the City.
6. Specifications. SEE: Vehicle Specifications – 10 (ten) pages.
7. Bidder is requested to fill out the Bid Form and attach a completed copy of the specifications (Pages 1-10) to the Bid Form.
8. Any additions, deletions, variations from attached specifications must be noted. Any items appearing in manufacturer's regular published specifications furnished by bidder are assumed to be included in the "Bidder's Proposal".
9. At time of delivery to the City of Kingsport, vehicle must meet or exceed all federal, state, and local health, safety, lighting and noise standards.
10. At time of delivery to the City of Kingsport, vehicle must meet or exceed all existing DOT regulations and US EPA emission standards that are applicable to this type vehicle.



# Equipment Specifications

## DUMP TRUCK TANDEM AXLE DIESEL POWERED

The unit(s) to be furnished under this proposal shall be a tandem axle, diesel powered dump truck complete with dump body. This unit(s) is to be delivered complete and ready for use in municipal type water line maintenance and hauling operations.

*Compliance with the specifications shall be so noted in the yes or no columns designated. Any addition, deletion, or variation from the following specifications shall be so stated in the space provided. These specifications shall be construed as minimum; however, all exceptions will be weighed carefully against the needs, experiences, and resources of the City of Kingsport. These specifications also require the bidder furnish descriptive literature, complete specifications, and all other technical data on the equipment as proposed by the perspective bidder. Failure to comply with these conditions will deem the bidder as non-responsive.*

SPECIFICATIONS	Bidder Complies	YES	NO
<b>1.0 - GENERAL SPECIFICATIONS :</b>			
<ol style="list-style-type: none"> <li>1. Latest, current production model, diesel powered, tandem axle dump truck; new and unused with all standard equipment as offered by the manufacturer.</li> <li>2. All parts, accessories, equipment, and safety features considered as standard by the equipment or vehicle manufacturer; whether herein specified or not, shall be considered as required.</li> <li>3. This complete unit(s) shall be built and delivered complete and ready for use in full compliance with federal, state, and local requirements and regulations.</li> <li>4. This unit and all other related equipment incorporated into this unit shall be designed, built, manufactured, and constructed in accordance with all applicable safety codes, design, and manufacturing standards as outlined by SAE, ANSI, AWSI, FMVSS and related organizations or standards agencies.</li> <li>5. This unit(s) and attachments shall embody the highest quality materials and workmanship available.</li> </ol>			
<b>EXCEPTIONS:</b>			
<b>2.0/ - G.V.W.R. :</b>			
<ol style="list-style-type: none"> <li>1. 56,000 Pounds or greater shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<b>3.0/ - AXLES :</b>			
<ol style="list-style-type: none"> <li>1. <b>Front:</b> 16,000# (minimum) pound rating or greater with a 16,000# suspension to include heavy duty shock absorbers and oil bath hubs.</li> <li>2. <b>Rear Each:</b> 20,000# (minimum) pound rating or greater with a 22,000# rear spring or rubber block (Reyco Springs Not Acceptable) suspension.</li> <li>3. A driver controlled differential lock on forward rear and rear-rear axles shall be provided. with power divider and</li> <li>4. Synthetic differential fluids shall be provided.</li> <li>5. Unit(s) shall be capable of having a minimum top highway speed of (60) MPH.</li> </ol>			
<b>EXCEPTIONS:</b>			
<b>4.0/ - WHEELBASE :</b>			
<ol style="list-style-type: none"> <li>1. Shall be 201" inches (minimum) with an approximate C.T. of 135" inches (minimum).</li> </ol>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<b>5.0/ - WHEELS AND TIRES :</b> 1. <b>Front:</b> Heavy duty, disc type wheels with 315/80 x 22.5 (18 ply rating) tubeless, nondirectional highway tread tires shall be provided. 2. <b>Rear:</b> Heavy duty, disc type wheels with 12R x 22.5 (16 ply rating) tubeless, highway type tread tires shall be provided. 3. Mounted on rim, full size spare, to match brand and size to steer axle tires, shall be provided loose on delivery.			
<b>EXCEPTIONS:</b>			
<b>6.0/ - STEERING :</b> 1. Full power assist steering, with tilt steering column, shall be provided.			
<b>EXCEPTIONS:</b>			
<b>7.0/ - ENGINE :</b> 1. Diesel Exhaust Fluid (DEF) equipped, wet sleeved electronic diesel similar in design to the Cummins L9 series, or greater, and developing a minimum rated output of 330 brake horsepower @ 2,000 RPM and 1,050 lbs/ft torque @ 1,400 RPM (or greater) with "Shift Energy Management" shall be provided. 2. A single stage, dry type, replaceable air filter element with restriction indicator shall be provided. 3. Engine hour meter and tachometer shall be provided.			
<b>EXCEPTIONS:</b>			
<b>8.0/ - COOLING SYSTEM :</b> 1. Heavy duty (1,100 sq/in minimum) cooling package with heavy duty fan clutch shall be provided. 2. Cooling system shall be protected to a minimum of -30° Fahrenheit with a lifetime type antifreeze. 3. All coolant hoses shall be Gates "Blue Stripe" or equivalent. 4. All cooling system hose clamps shall be of the stainless steel screw type, spring loaded, constant torque type regardless of hose , position, or manufacturer and shall be on all coolant containing hoses with an inside diameter of 3/8" or greater. 5. A thermostatically controlled engine heater (1,250 watt minimum) shall be provided. Press fitted type engine heaters not acceptable. 6. Engine heater shall be removable with common tools. 7. A die cast metal, weather proof heater receptacle connection for the engine heater shall be provided and located under the drivers door. 8. Manufacturer's standard fuel/water separator shall be provided.			
<b>EXCEPTIONS:</b>			
<b>9.0/ - EXHAUST :</b> 1. Manufacturers standard horizontal aluminized steel or stainless steel exhaust system shall be provided. 2. The exhaust system shall utilize Diesel Exhaust Fluid as part of the engine emission strategy. 3. A 45° degree turndown shall be supplied at the end of the exhaust system.			
<b>EXCEPTIONS:</b>			
<b>10.0/ - TRANSMISSION :</b> 1. Manufacturer's heavy duty 6 speed automatic transmission, equivalent to the Allison RDS 3500, with PTO option, shall be provided. 2. Synthetic transmission fluid shall be provided. 3. A solid state reverse activated back-up alarm shall be provided.			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>11.0/- BRAKES :</b></p> <ol style="list-style-type: none"> <li>Full air, ABS (four sensor) disc type front and rear with automatic slack adjusters and dust shields.</li> <li>A heavy duty, heated, desiccant serviceable, automatic purge type air dryer (similar in design to the Bendix AD-9) shall be incorporated into the air brake system.</li> <li>Discharge valve and purge valve shall be readily replaceable from the exterior of the unit.</li> <li>All air reservoir tanks shall have cable type tank drain valves easily accessible from the outside of the frame rails by the operator for daily draining. <b>NO EXCEPTIONS!</b></li> <li>Rear brake chambers shall be mounted forward of rear axle to prevent street paving equipment loading issues.</li> <li>Air compressor shall have a minimum rating of 18.7 CFM.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>12.0/ - ELECTRICAL :</b></p> <ol style="list-style-type: none"> <li>Alternator shall be rated at (160 ) AMPS, minimum.</li> <li>A 12 volt dual battery system shall be provided with OEM standard battery jumper studs and battery box cover.</li> <li>Batteries shall be rated at 1,150 CCA minimum each (2,250 minimum total) and will be group (31) or better.</li> <li>Battery terminals shall be protected with a corrosion resistant coating.</li> <li>All wiring shall be color coded and numbered for ease of maintenance.</li> <li>All circuits shall be circuit breaker or fuse protected.</li> <li>Convenient access shall be provided for all electrical circuits, controls, and wiring.</li> <li>All wiring shall conform to Society of Automotive Engineers (SAE) requirements and installation procedures.</li> <li><i>NOTE:</i> "Scotchlocks" or other piercing type wire connectors on any connection (cab/chassis, body, or attachments) shall not be accepted.</li> <li>Twist lock and/ or twist wire nut type connectors on any connection (cab/chassis, body, or attachments) shall not be accepted.</li> <li>All external connectors shall be weather proof and corrosion resistant in design, manufacture and use.</li> <li>All wiring shall be enclosed in a non-metallic loom from connector to connector and secured in place utilizing vinyl coated metal clamps.</li> <li>Any penetration of wiring through metal points or other materials shall have protective rubber grommets installed in such opening on body, chassis, or any attached component.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>13.0/ - FRAME :</b></p> <ol style="list-style-type: none"> <li>Manufacturer's heavy duty (3.2 million RBM minimum), with full inner liner, reinforced frame shall be provided.</li> </ol>			
<p><b>13.1/ - TOW HOOKS :</b></p> <ol style="list-style-type: none"> <li>Front frame mounted, painted, tow hooks shall be provided.</li> </ol>			
<p><b>13.2/ - FRONT BUMPER :</b></p> <ol style="list-style-type: none"> <li>Painted front bumper shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>14.0/ - INTERIOR :</b></p> <ol style="list-style-type: none"> <li>1. Heavy duty, vinyl covered, high back air suspension drivers seat, full foamed shall be provided.</li> <li>2. Heavy duty, vinyl covered, standard suspension mid high back passenger seat, full foamed shall be provided.</li> <li>3. Retractable, three (3) point seat belt systems shall be provided for the driver and passenger.</li> <li>4. Interior components shall be color keyed to dark blue, red, brown, or gray.</li> <li>5. Heavy duty rubber or vinyl full floor covering shall be provided.</li> <li>6. Standard left and right door mounted arm rests and left and right sun visors shall be provided.</li> <li>7. Standard door latches and manual door locks shall be provided.</li> <li>8. Full instrumentation package ( i.e. fuel, AMP, water temperature, oil pressure, etc.) including engine hour meter and tachometer shall be provided.</li> <li>9. Manufacturers standard AM/FM radio shall be provided.</li> <li>10. Door and ignition keys shall be keyed alike with four (4) sets of keys to be provided per unit.</li> <li>11. Dual speed windshield wipers and washers shall be provided.</li> <li>12. Electronic cruise control shall be provided.</li> <li>13. FMVSS, DOT approved retractable restraint belts for operator and two (2) passengers shall be provided.</li> <li>14. Heavy duty factory style floor mats to overlay floor covering shall be provided.</li> <li>15. Manufacturer's standard heating and air conditioning package, with heavy duty compressor, shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>15.0/ - EXTERIOR :</b></p> <ol style="list-style-type: none"> <li>1. Cab color shall be manufacturers standard white.</li> <li>2. Body and chassis frame shall be manufacturer's standard black.</li> <li>3. Air cab mounts shall be provided.</li> <li>4. Dual level, cab entry steps with rear of door, exterior cab entry grab handles shall be provided on left and right sides.</li> <li>5. Left and right full (16" x 7" minimum) "West Coast" style, with remote controlled option, rearview mirrors shall be provided.</li> <li>6. Eight (8") inch, minimum, convex mirrors shall be mirror frame mounted below the primary mirrors.</li> <li>7. Mud flaps shall be provided front, rear, and bed mounted front of rear wheels and include supports to keep flaps from contacting tires.</li> <li>8. Manufacturers standard tinted widows, with manual door widow opening feature, shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>16.0/ - FUEL SYSTEM :</b></p> <ol style="list-style-type: none"> <li>1. A eighty ( 80 ) gallon minimum steel fuel tank shall be provided.</li> <li>2. A fuel water separator with serviceable, replaceable type filter shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>17.0/ - LIGHTS :</b></p> <ol style="list-style-type: none"> <li>1. Light and reflector configuration for this unit(s) shall be in full compliance with Federal Motor Vehicle Safety Standards.</li> <li>2. All lamps and lenses shall be LED style where available and shall be of a make and model for which parts are readily available.</li> <li>3. Tail lights shall be sealed type and shock mounted.</li> </ol>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>18.0/ - PINTLE HOOK &amp; TRAILER CONNECTION :</b></p> <ol style="list-style-type: none"> <li>1. Heavy duty, rear frame mounted pintle hook hitch with safety chain eyelets shall be provided.</li> <li>2. The pintle hitch rating shall be a minimum of 40,000 lbs. gross trailer weight with a 6,000 lbs. min. vertical load rating.</li> <li>3. Trailer hitch shall measure no less than 27" but not greater than 30" from the most lower point of the pintle hook to the ground.</li> <li>4. Chassis shall be pre-wired and include a standard, 2 hole mount, heavy duty, round split pin type, seven pole tractor/trailer electrical connector, similar in design and performance characteristics to the Standard Ignition Products Model "TCP77F", for trailer towing. The connector shall be mounted above the pintle hook and wired to the chassis according to the following description : <ul style="list-style-type: none"> <li>Pin 1 / White - Ground</li> <li>Pin 2 / Black - Right Turn Indicator</li> <li>Pin 3 / Yellow - 30 amp fused power auxiliary</li> <li>Pin 4 / Red - Tail lights</li> <li>Pin 5 / Green - Trailer Brakes</li> <li>Pin 6 / Brown - Left Turn Indicator</li> <li>Pin 7 / Blue - Backup Lights</li> </ul> </li> <li>5. The connector shall be provided with an installed corrosion resistant, weather proof, rubber boot. This boot shall be similar in design and performance characteristics to the Standard Ignition Products Model "TCP77B".</li> <li>6. An electronic, dash mounted, trailer brake controller shall be provided</li> <li>7. All electrical connections to include the internal trailer connector socket connection shall be protected with a corrosion resistant coating.</li> <li>8. Lower edge portion of hitch mounting plate shall not interfere with paver operation.</li> <li>9. All body or other attached components electrical installations shall adhere to Specification Section 12.0 Electrical.</li> </ol>			
<p><b>EXCEPTIONS:</b></p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>19.0/ - DUMP BODY :</b></p> <ol style="list-style-type: none"> <li>1. Heavy duty, "rock-type" dump body shall be supplied with a centralized hydraulic system incorporated to operate a V-Box Salt Spreader.</li> <li>2. Length, (192") minimum; height (36") minimum; width (93") minimum; (outside); tailgate height (42") minimum.</li> <li>3. Front mount single post telescopic type hoist (hoist cylinder shall have a manual bleed valve) with all necessary hydraulic reservoirs, pumps, and P.T.O. controls.</li> <li>4. The hydraulic pump and tank shall have the capacity and capability of supporting the continual use of a V-Box type material spreader without overheating the hydraulic system.</li> <li>5. Cab to body clearance shall be no greater than four (4") inches.</li> <li>6. Flooring shall be a minimum of (7) gauge high tensile steel.</li> <li>7. The body sides and front shall be a minimum of (10) gauge high tensile steel.</li> <li>8. Cross sills shall be no greater than fifteen (15") inch centers.</li> <li>9. Steel body uprights shall be provided with drain holes to allow moisture to drain from body standards.</li> <li>10. Body side access steps shall be provided on both body sides to include a low access step to reach body access steps.</li> <li>11. Air operated controls shall be provided and shall be in the cab, between the seats and mounted within easy reach of the driver/operator.</li> <li>12. Controls shall be for P.T.O. activation, up and down control of bed, and air operated tailgate latch.</li> <li>13. Lever control nomenclature shall be mounted as to be read in the proper position. <b>NOTE:</b> Lever control nomenclature mounted "upside down" or "180° out" from vehicle operators seated viewing location will not be accepted.</li> <li>14. Tailgate latch lever shall be of the air operated, positive locking type.</li> <li>15. Dump body shall include a 30" minimum "half cab" shield and inner and outer bed board brackets.</li> <li>16. White oak bed boards shall be installed in the bed board brackets and a be a minimum of eight (8") inches in height and be the full width of the top sill.</li> <li>17. A downward angled asphalt lip extending a minimum of twelve (12") inches from the outer rear of the bed surface shall be provided.</li> <li>18. Electronic type asphalt tarp system shall be provided.</li> <li>19. Bed dump shall have a one man operated safety prop rod so that underbody maintenance can be performed with the bed in the "locked" raised position.</li> <li>20. Pin type safety locking systems are not acceptable.</li> <li>21. All body or other attached components electrical installations shall adhere to Specification Section 12.0 Electrical.</li> </ol>			
<p><b>EXCEPTIONS:</b></p>			
<p><b>20.0/ - DUMP BODY TARP SYSTEM:</b></p> <ol style="list-style-type: none"> <li>1. An electronically operable tarp control shall be provided and have the following features at a minimum: <ol style="list-style-type: none"> <li>a. Dash or Tower Mounted Controls</li> <li>b. Aluminum Arms</li> <li>c. Rub Rail Springs</li> <li>d. Heavy Duty Vinyl Asphalt Cover</li> </ol> </li> </ol>			
<p><b>EXCEPTIONS:</b></p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>21.0/ - DUMP BODY HYDRAULICS:</b></p> <ol style="list-style-type: none"> <li>1. The minimum hydraulic components to be included for the body and the V-Box spreader shall be the following: <ul style="list-style-type: none"> <li>A: Dual Valve Handle</li> <li>B: Stack Valve with Power Beyond</li> <li>C: Speed Control Valve</li> <li>D: Hot shift PTO</li> </ul> </li> <li>2. A 2" inch N.P.T. suction port, if required for V-Box material spreader operation, to include in-tank suction screen and shutoff valve, shall be provided on the hydraulic tank.</li> <li>3. A 30 gallon, minimum, tank with mounted sight glass and temperature gauge shall be provided to insure proper system fluid level and operation.</li> <li>4. A 2" inch N.P.T. return port, if required for V-Box material spreader operation (to include an inline filter with screw on 10 micron filter element and shut off valve) shall be provided on the hydraulic tank.</li> <li>5. All inlet and outlet ports of the hydraulic tank require quarter turn stainless ball valves to be installed so hydraulic system maintenance can be performed without the loss of fluid.</li> <li>6. All hydraulic fluid returns shall be through the tank return port and shall include an in-tank de-fuser which shall be lower than the running level of the fluid.</li> <li>7. Hydraulic lines used for the V-Box spreader shall be of the 2 wire hydraulic line, minimum.</li> <li>8. Hydraulic tubing/lines shall terminate to the center rear of the truck through a bulkhead connection.</li> <li>9. These lines shall be Pioneer brand 4000S stainless series, or equivalent, quick connectors hitch plate mounted and centered above the trailer hitch with no closer than three (3") centers between connectors.</li> <li>10. Right connection shall be a return line and be a 3/4" male connector.</li> <li>11. Center connection shall be for the spinner and shall be a 1/2" male connector.</li> <li>12. Left side connection shall be for the auger and shall be a 1/2" female connector.</li> <li>13. All hydraulic lines shall be permanently (bolted) clamped to prevent chaffing.</li> <li>14. Excessive use of cable/zip ties will not be acceptable.</li> <li>15. Lines extending from the front and going to the rear ports shall be of high pressure hydraulic steel tubing.</li> <li>16. Extended runs of rubber hydraulic hoses longer than 24" will not be acceptable.</li> </ol>			
<p><b>EXCEPTIONS:</b></p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>22.0/ - WARRANTY :</b></p> <ol style="list-style-type: none"> <li>1. Manufacturer's full warranty shall be applicable to this unit(s) as equipped (12 month, 12,000 miles minimum).</li> <li>2. Awarded vendor shall be required to reimburse any expenses incurred by the City covering transport labor cost or shipment charges on any unit component or attached component failure when the component manufacturer requires an "Authorized dealer repair only" and when the authorized repair facility extends beyond a fifty (50) mile radius of the City of Kingsport city limits during the warranty period.</li> <li>3. Towing and hauling service to a repair facility shall be provided at "no cost" to the City of Kingsport throughout the complete warranty period of the unit on any of the incorporated components or attachments on the unit.</li> <li>4. The awarded vendor shall be required to reimburse the City of Kingsport for any and all unit warranty repair expenses, to include towing or hauling services, incurred by the City of Kingsport during the warranty period.</li> <li>5. Reimbursement shall occur within a maximum of 30 days of notification of a reimbursement claim.</li> <li>6. Awarded vendor shall agree to perform, or have performed, any and all warranty work on the unit and any installed attachment(s) or unit component throughout the complete warranty period which will begin at the time the unit(s) are placed into active service.</li> <li>7. This specifications requires manufacturer's <i>delayed warranty start</i>.</li> <li>8. Chassis, components, all attachments and body shall have a minimum 100% full warranty (parts and labor) for a period of one (1) year from the time of cab/chassis service activation within the City of Kingsport fleet regardless of manufacturer or installer.</li> <li>9. Warranty claims of any component and/or attachment shall be addressed within a period 3 days from time of notification by the awarded vendor.</li> <li>10. Awarded vendor shall insure successful completion of any warranty repair within 10 business days from time of notification.</li> <li>11. This warranty specification shall be honored in conjunction with any manufacturer's standard warranty regardless of exclusions.</li> </ol>			
<p><b>EXCEPTIONS:</b></p>			
<p><b>23.0 - MANUALS :</b> Two sets of owner/operator manuals, repair manuals, parts books, wiring diagrams, lubrication charts, and all other technical data for this unit(s), <b>as equipped, shall be provided upon delivery.</b> The manuals provided with the unit(s) shall cover the dump body unit. CD Rom, DVD or OEM web based repair information is acceptable. Web based repair information shall be authorized and provided throughout the unit(s) life cycle within the City Fleet.</p>			
<p align="center"><b>THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION</b></p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>24.0/ - DELIVERY :</b></p> <ol style="list-style-type: none"> <li>1. Unit(s) shall be delivered complete with all provided options installed and a full tank of fuel.</li> <li>2. The Diesel Exhaust Fluid tank shall be full if applicable to the unit(s).</li> <li>3. Unit(s) shall be delivered complete with NO dealer advertising logos affixed to the interior or exterior of the unit(s) prior to delivery.</li> <li>4. Delivered unit(s) shall come with all required paperwork to complete the purchase and registration process and shall include at a minimum:               <ol style="list-style-type: none"> <li>a. Invoice</li> <li>b. Mileage Statement (if applicable)</li> <li>c. Manufacturer's Statement of Origin (MSO)(if applicable).</li> </ol> </li> <li>5. Delivery acceptance of unit(s) may be refused if any part of the awarded specifications are not maintained.</li> <li>6. Delivery acceptance of unit(s) may be refused if any device, feature or system is deemed as unsafe to the operator and/or the general public as determined by the City of Kingsport's knowledge or experience.</li> <li>7. Delivered unit(s) are required to complete an acceptance inspection (school buses will require the additional State of Tennessee inspection) and shall be inspected against awarded specifications as a total unit, irregardless of multiple manufacturer contributions to the completed elements of the unit(s), before acceptance is granted.</li> <li>8. Bidder misunderstanding and/or misinterpretation which results in an unsatisfactory bid or final delivered product is not the responsibility of the City of Kingsport.</li> <li>9. The City of Kingsport shall have the sole interpretation of the bid requirements and shall have final determination whether submitted bids and/or the final product delivered satisfy the requirements of the bid.</li> <li>10. All awarded bids shall be subject to final inspection of the unit(s) ordered by the Fleet Manager, or designee, and must be compliant with all bid requirements prior to acceptance of the unit(s) and final payment.</li> <li>11. Any non-compliant unit(s) must be made compliant at the expense of the awarded bidder and within a reasonable time frame, as determined by the City of Kingsport.</li> <li>12. Misinterpretation of the specifications by the vendor or failure to supply the appropriately equipped unit(s) specified or intended, based on the City of Kingsport's interpretation, shall be corrected to the benefit of the City of Kingsport by the awarded bidder at the bidders expense.</li> <li>13. In all cases the City of Kingsport's interpretation and definition of unit(s) specifications and requirements shall be the final determination of a successful final inspection and compliance with awarded specifications before unit acceptance will be granted.</li> <li>14. Failure to provide the requested documentation upon delivery shall be considered as non-compliance to awarded specifications and allows the City of Kingsport the right to refuse acceptance.</li> </ol>			

**THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION**

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>25.0/ - OPTION A: SNOW PLOW :</b></p> <ol style="list-style-type: none"> <li>1. Vendor shall quote an add on price for a ten foot (10' minimum), detachable, reversible snow plow similar in design to the Meyers Model HM-10 Bumper to Axle Mount® or the Western Heavyweight to be used in street plowing operations and appropriate to the GVWR of this vehicle.</li> <li>2. Unit shall be modular in design incorporating plow, control components, hydraulic cylinders, and lights and shall be detachable from the vehicle when not in use.</li> <li>3. Plow blade width shall be a minimum of ten (10') feet.</li> <li>4. Plow blade shall be electronically controlled, hydraulic operated and capable of being positioned by the operator from a seated position in the cab using dash mounted electronic controls.</li> <li>5. Blade controls shall be: left, right, up, down, and float.</li> <li>6. Blade height shall be a minimum of thirty two (32") inches and shall include manufacturer's optional snow deflector.</li> <li>7. Blade thickness shall be of a minimum of 7 gauge high tensile steel.</li> <li>8. Blade shall be able to obtain a minimum of a 30° degree left or right angle when plowing.</li> <li>9. The plow blade shall be provided with a minimum of six trip springs to soften trip action.</li> <li>10. A minimum of seven (7) support ribs shall be incorporated into the blade.</li> <li>11. Blade guides shall be provided on blade ends to allow for operator positioning and visibility.</li> <li>12. Blade snow deflector shall be provided.</li> <li>13. Heavy duty steer blade end curb guards shall be provided.</li> <li>14. Bolt on plow blade cutting edge shall be of a high carbon steel.</li> <li>15. Adjustable cast iron runner shoes shall be provided.</li> <li>16. Plow shall be powder coated with the manufacturers standard product color.</li> <li>17. Auxiliary lighting package shall be provided with the appropriate mounts, wiring, etc.</li> <li>18. Lights shall be of the low profile type and shall have: dual beam halogen headlights, combination park and turn signals and shall conform to federal safety standards.</li> <li>19. Lights shall be wired into the chassis lighting system using accepted SAE wiring standards.</li> <li>20. NOTE: "Scotchlocks" or other piercing type wire connectors shall not be accepted.</li> <li>21. All terminal connections shall be stake on type, soldered, or equal with heat shrink tubing insulating the wiring and terminal.</li> <li>22. Twist lock and/ or twist wire nut type connectors shall not be acceptable.</li> <li>23. All external connectors shall be weather proof, corrosion resistant in design, manufacture, and use.</li> <li>24. Wiring shall be encased in a protective loom and fastened with appropriate fasteners or cable ties.</li> <li>25. Any penetration of wiring through metal points or other materials shall have protective rubber grommets installed in such opening.</li> <li>26. All electrical connections for plow to truck shall secured in the front bumper area within easy reach and of weatherproof design.</li> </ol>			
<b>THERE ARE NO EXCEPTIONS NEEDED TO THIS SPECIFICATION</b>			
<p><b>26.0/ - MISCELLANEOUS INFORMATION REQUIRED:</b></p> <p>Vendor shall supply the following information in the space provided on the unit (cab/chassis/body) proposed:</p> <ol style="list-style-type: none"> <li>1. Location (City, State) of Cab/ Chassis Manufacturer.</li> <li>2. Location (City, State) of Cab/Chassis Dealership.</li> <li>3. Percentage of Import/ Domestic Content of Cab/ Chassis.</li> <li>4. Location (City, State) of Body Manufacturer.</li> <li>5. Location (City, State) of Body Dealership.</li> <li>6. Percentage Import/ Domestic Content of Body.</li> <li>7. Anticipated Fuel Economy (MPG) of Unit when utilized during transport/ work environment.</li> </ol>			