

DO NOT INVOICE THIS ADDRESS

City and County of Denver
 Purchasing Division
 201 W. Colfax Ave Dept. 304
 Denver, CO 80202
 United States of America
 Ph: 720-913-8100 Fax: 720-913-8101



Purchase Order Number	PO-00093397
Purchase Order Date	Nov 13, 2020
Contract ID	
Payment Terms	Net 30
Payment Type	Check
Buyer	Scott Harris Scott.Harris@denvergov.org

Supplier
NEVEREST EQUIPMENT COMPANY 6681 COLORADO BLVD unit 5 COMMERCE CITY, CO 80022 United States of America Ph: (303) 8989475

Ship-To
5440 Roslyn St Denver, CO 80216 United States of America Donnie Cruz

Bill To
Wastewater Management 2000 W 3rd Ave Denver, CO 80223 United States of America Benjamin Whitney

Currency	Total Lines Amount	Tax Exempt	Total PO Amount
USD	\$752,706.80	98-02890-0000	\$752,706.80
Shipping Terms	Shipping Method	Shipping Instructions	
FOB Destination	Common Carrier		

Goods Lines								
Line Number	Item Name	Supplier Item Identifier	Description	Due Date	Unit of Measure	Quantity	Unit Price	Line Amount
1			Jet Vac Truck Ref#19-241 & 19-242 BODIES To Replace D4119 & D4120(Replacement)	03/01/2021	Each	2	\$376,353.40	\$752,706.80

DRMC 20-63(A) of the Revised Municipal Code. Formal Procedure - Solicitation No. 29099

Vendor to fill in and submit attached Exhibit Vehicle Check-In.

Delivery will NOT be considered complete without the Vehicle Check-In form and payment will not be remitted.

Agency Contact: Donnie Cruz 720-865-3912 Donnie.Cruz@denvergov.org

Vendor Contact: Brian Balchumas | 303 898 9475 | brian@neverestequipment.com

Delivery: Monday through Friday between 8:00 am and 1:00 pm by appointment only

Location:

City and County of Denver
Fleet Management
5440 Roslyn Street, Building C
Denver, CO 80216
Coordinate Delivery: (720) 865-3900

Title to Read:

City and County of Denver
201 West Colfax Avenue Dept 304
Denver, CO 80202

Documents to be Provided Upon Delivery:

Application for Title, State of Colorado
Odometer/Hours Statement

Internal Reference # 19-241 & 19-242

REFER TO EXHIBITS "A" FOR SERVICE DESCRIPTION AND PRICING ONLY.

VENDOR: You must contact the agency contact listed above to confirm this order.

Purchase Order price listed herein includes all shipping and handling.

All invoicing must match the purchase order exactly and contain the purchase order number. All invoices must be sent directly to the bill to address listed on the purchase order, this address may be different than the ship to address. Changes to this purchase are not valid without prior approval from purchasing.

For additional questions regarding this purchase order and the terms herein contact: Scott Harris | 720-913-8154 | scott.harris@denvergov.org

ALL INVOICING AND CORRESPONDENCE MUST CONTAIN THE PURCHASE ORDER NUMBER IN FULL (PO-#####)

3.26(e)-This Purchase Order is contingent on Council approval and is void without such action.



Authorized By

By accepting this Purchase Order you agree to the Terms and Conditions of the General Services Purchasing Division.
Follow the URL provided to the Purchase Order Terms and Conditions –
<http://www.denvergov.org/content/denvergov/en/purchasing-main-page/POterms.html>

RETURN TO:
 Department of General Services
 PURCHASING DIVISION
 201 West Colfax Avenue
 Department 304, 11th Floor
 Denver, CO 80202
 Phone: (720) 913-8100
 FAX: (720) 913-8101

CITY AND COUNTY OF DENVER



Department of General Services
 PURCHASING DIVISION
www.denvergov.org/purchasing
 Buyer: AJ Cannady
 Ajanae.Cannady@denvergov.org

FORMAL PROPOSAL

Formal Proposal No. **29099**

Jet-Vac Truck Bodies

SCHEDULE OF EVENTS

• Proposal Issued	August 25, 2020		
• Deadline to Submit Additional Questions	September 1, 2020	12:00 P.M.	MST
• Response to Written Questions	September 3, 2020		
• Proposal Due Date	September 14, 2020	10:00 A.M.	MST

Vendor offers to furnish to the City and County of Denver the materials, supplies, products or services requested in accordance with the specifications and subject to the Terms and Conditions described herein.

VENDOR SIGN HERE

Company Name: Neverest Equipment Company

By: Brian Balchumas
(Printed or Typed Name)

Signature: Brian Balchumas
Signature constitutes acceptance of all Terms and Conditions listed on this form and all documents attached.

Email: brian@neverestequipment.com

Phone: (303) 898-9475

EXHIBIT A**CITY AND COUNTY OF DENVER
Technical Specifications and Bid Items
For Two (2)
Jet-Vac Truck Bodies****1.0 General Description**

The intent of this specification is to provide for the purchase or lease of two (2) new and unused single-engine combination sewer and catch basin cleaners used for removing all debris commonly found in catch basins/storm lead structures and sanitary sewer lines/manhole structures using a front mounted operating station. Each unit shall consist of a Positive Displacement (PD) Blower vacuum system, a hydraulically driven high-pressure water pump, an enclosed sealed body for storage of collected debris and must be equipped with a self-contained water supply as the source for the water pump system. Each unit shall have the capability of operating both vacuum and water system simultaneously at full operating speeds continuously. (Submit horsepower requirements of all systems on unit) This body will be mounted on a Freightliner 114SD.

1.1 Standard Factory Equipment

All standard factory equipment shall be included with the vehicle/equipment; no deletions of standard factory equipment will be permitted unless specifically superseded in these specifications. Accessories not specifically mentioned herein but necessary to furnish a complete unit ready for use shall also be included.

1.2 Government Requirements (where applicable)

The vehicle/equipment shall be built to, and perform in accordance with, all the requirements of the latest edition of the following standards and specifications:

- FHWA, Federal Highway Administration
- SAE, Society of Automotive Engineers Specifications
- FMVSS, Federal Motor Vehicle Safety Standards
- DOT, Department of Transportation Regulations
- AWS, American Welding Society Standards
- PUC, Public Utilities Commission (Colorado)
- NFPA, National Fire Prevention Association

1.3 Workmanship and Durability

Workmanship throughout the vehicle/equipment shall conform to the highest standards. Durability shall be sufficient to allow safe and efficient operation of the equipment/vehicle.

1.4 Completion of Bid Items and Alternates

Vendor shall complete each line item in "Offered Equipment" and "Cost" columns in the following manner:

- A. Provide vehicle/equipment's technical information: in "Offered Equipment" provide technical information as requested and provide cost of item in "Cost" column.

Exhibit A

- B. Included Standard Equipment: in “Offered Equipment” column provide technical information as requested for standard equipment in, “Cost” column write NC for “No Charge”.
- C. Differences: in “RED” ink in “Offered Equipment” column adjacent to Description of Equipment provide information on the item being offered, in “Cost” column provide cost if there is a bid item cost.
- D. Vendors shall break out and list costs for each specification section. Failure to break out proposed costs may cause proposal to be non-responsive. Breakout costs will be used for comparisons clarifying cost issues and if deletions to the specifications need to be made.
- E. Failure to enter information into any column could result in the proposal being considered non-responsive.

1.5 Major Areas of Concern

	Description of Concern
A.	<p>Maneuverability: The ability of the truck to effectively, safely and efficiently maneuver in Denver’s tight alleys, transverse alley-to-street drainage depressions and make tight turns either into or out of alleys from narrow high crowned streets with vehicles parked in the streets.</p>
B.	<p>Mirror width for use in narrow and obstructed areas to include:</p> <ol style="list-style-type: none"> 1. Overall extended mirror width. 2. Minimum mirror width. 3. Ability for mirrors to be hit by obstructions (branches etc) and absorb the hit without damage. <p>Ability for mirrors to be reset or adjusted into position without operator leaving operator’s station.</p>
C.	<p>Warranty:</p> <ol style="list-style-type: none"> 1. Ability and cost to obtain a 5-year warranty on body, hydraulic pumps, hydraulic motors, hydraulic cylinders and controls. 4. Location of warranty providers.
D.	<p>Service Ability:</p> <ol style="list-style-type: none"> 2. Ability to easily service body components/items that require regular (yearly or less) adjusting, servicing and maintenance.

2.0 Build Status of Vehicles:

2.1 Contractor and all sub vendors after receipt of the City’s purchase order shall:

The primary Contractor (prime vendor) shall be responsible for providing within 15 business days to the City a “Preliminary Build Status Plan” to include but not limited to:

1. The “Build Status Plan” shall include sufficient detail to assure that the ordered units will meet specifications and be built to the highest quality standards and be delivered on time.
2. Placement date of initial order with body manufacture.
3. Body manufacturer’s date of order acceptance. Written order confirmation is required.
4. Placement date of initial order with the body manufacture.
5. Body manufacturer’s date of order acceptance. Written order confirmation is required.
6. Build date for body to include start date and completion date.
7. Delivery date of the Body to the sub vendor’s body manufacturer.
8. Beginning and completion dates for installation of the body on the cab and chassis.

9. Ship date for the completed vehicle (cab and chassis with body) from sub vendor's body manufacturer to Denver and which location shipped to.
10. Contractor and sub vendors local vehicle preparation time.
11. Delivery of a completed vehicle meeting specifications to the City.
12. Beginning and completion dates for installation of the CNG system on the vehicle (if applicable).

2.2 The Contractor shall contact all sub vendors:

The Contractor shall contact all sub-contractors providing accessories and equipment for the vehicle (s) and provide the sub-contractors with a list of all accessories and equipment, manufacturer's order confirmation, order number, vehicle specifications, build date and delivery date to dealer from the vehicle manufacturer on the ordered vehicle. It is the primary selling dealer's responsibility to assure that the sub-contractors orders the accessories and equipment and has the items in stock and is prepared to install the accessories and equipment items when the vehicle arrives at the dealership.

3.0 Basic Requirements or Approved Equal. This will be mounted on a Freightliner Chassis 114SD. When a brand/model is referenced in the specifications unless it is stated as "No Approved Equal" it is only a statement of expected quality, information on alternative products shall be provided with the bid so a full technical comparison can be made of the product submitted as an "approved equal".

4.0 Dealer Provided Optional Equipment

4.1 Electrical Systems:

- A. All non-factory wire connections (splices, connectors, etc.) shall be soldered and shrink tube insulated with adhesive/meltable sealant, thick wall polyolefin shrink tubing (3M EPS-300 or equal). No non-factory crimp connections allowed. No cutting or splicing into the factory wiring harnesses allowed.
- B. All accessories (strobe lights, operator controls, light bar, etc.) shall be wired through a 12-vDC constant-duty solenoid and controlled by bus bar mounted and permanently labeled auto-resetting circuit breakers. The solenoid shall be wired to the key switch.
- C. All dealer/vendor installed items, which require connecting into the vehicle's electrical system shall be done using an OEM factory modified wiring kit whenever possible.
- D. All non-factory wiring shall be encased in a totally sealed wiring harness (no plastic split loom) to prevent corrosion from magnesium chloride. The wiring harness shall be well secured to the truck with neoprene aircraft stainless steel tubing clamps. Rubber grommets shall be used at all areas where the wiring passes through areas that could damage the wiring. Unprotected wiring in any application is unacceptable.
- E. Electrical cables and wiring harnesses shall be neatly run and clamped with neoprene aircraft stainless steel tubing clamps. Clamp spacing shall not exceed 18-inches.
- F. Dielectric grease shall be applied to all electrical plug terminals and connections to reduce corrosion.

Fasteners:

- A. Grade 5 (SAE or USS) or 8.8 (metric) minimum, bolts, nuts, washers minimum. Vendor shall use Grade 8 or 10.9 for all critical areas or where good engineering practice suggests.
- B. All fasteners shall be zinc plated to prevent corrosion.
- C. Anti-Seize: all fasteners have Fel Pro C5A Anti-Seize compound applied before assembly to prevent corrosion, rusting, galling and aid in equipment servicing and repair.
- D. All fasteners shall be of appropriate length, diameter and strength (grade) for the application,
- E. Bolts and screws shall extend a minimum of 1-1/2 threads beyond the nut and maximum of 6 threads past the nut.
- F. Flat washers shall be used under bolt heads and nuts.
- G. Lock nuts (nylon insert, metal, slotted, castle nuts) shall be used lock-washers are not acceptable.

4.3 Hydraulic Systems:

- A. All hydraulic circuits shall be pressure relief protected.
- B. Hydraulic hoses shall be Parker ST 451 (tight bend radius) 2-wire braid hose meeting SAE-100R17 specifications where the hose meets operational criteria or approved equal.
- C. Hydraulic hoses shall have swivel fittings on both ends. Hose ends shall be located to facilitate easy component replacement.
- D. High-pressure hydraulic hose shall not be used for suction lines.
- E. Close/tight radius 90° elbow fittings shall not be used if short, medium or long drop steel stem 90° elbow fittings can be used. Over use of 90° elbows shall not be permitted.
- F. Hydraulic hoses and rigid lines shall be run parallel where possible; routing shall look neat and well planned.
- G. Rubber cushioned metal hydraulic clamps shall be used on all hydraulic ridged lines and hoses at proper intervals for supporting the line/hose 36" maximum distance. Clamps shall be securely mounted to the equipment.
- H. Hydraulic hoses and lines shall not be routed near exhaust, close to rotating components or over, around or through sharp edges. Rubber grommets shall be used at all areas where the hydraulic lines through areas that could damage the lines.
- I. Galvanized fittings and thread tape shall not be used.
- J. Hydraulic hoses shall be covered with protective spiral nylon anti-chaffing wrap or sock type protective sleeves at all areas where chafing/rubbing could cause premature wear/failure.
- K. Hydraulic oil tanks shall magnetic drain plug, oil level and temperature gauge.
- L. Hydraulic hoses over 4' long shall be labeled on both ends for easy identification.
- M. Shut off valves ¼-turn on each side of filter.

4.4 All fabricated parts, brackets etc. shall have all sharp corners, edges etc. radiused or rounded for safety.

4.5 Welds:

- A. All welds shall meet AWS (American Welding Society) standards for the type weld, material joined and welding method.
- B. Weld joints shall have proper design and fit for the application.
- C. Welds joints shall have proper penetration and be smooth in appearance with no undercuts or overlaps at edge of weld.
- D. Weld joints shall be properly prepared with cut ends ground to remove all slag, create a smooth surface with no porosity and beveled end.
- E. Welds shall be full length to prevent "rust bleed" from non-welded seams.

Exhibit A

4.6 Body or Approved Equal

When a brand/model is referenced in the specifications unless it is stated as “No Approved Equal” it is only a statement of expected quality, information on alternative products shall be provided with the bid so a full technical comparison can be made of the product submitted as an “approved equal”.

	Description of Equipment	Offered Equipment	Cost
A.	<p>Manufacturer Qualifications:</p> <ol style="list-style-type: none"> Units shall be completely assembled, mounted and ready for operation. Parts not detailed shall be constructed in accordance with the best standard practice of the industry at the time of construction. Only new models in current production, which are catalogued by the manufacturer and for which printed literature and specifications are available, will be accepted. The City will consider only those bidders who can demonstrate that a minimum of 100 units have been manufactured and have been in use for (1) year. Name (s) of users and contact personnel shall be supplied with bid. All accessories not specifically mentioned herein, but necessary to furnish a complete unit ready for use shall also be included. 	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	\$363,067.40
B.	<p>Vendors shall within 45 Calendar days of contract award submit drawings to the City showing that the truck will have no interference problems associated with the placement of all major components to include but not be limited to: System, body lift cylinders, front/rear bumpers, air filter, exhaust system, air dryer, air tanks, fuel tank, battery box, daily fluid checks/fills, tailgate drip pan, hydraulic tank, hydraulic valves, steps/ladders, electrical junction box, access doors, tool holders etc.</p>	<p>Yes No</p>	
C.	<p>Subframe (or Approved Equal):</p> <ol style="list-style-type: none"> The equipment shall be of modular design consisting of vacuum system, water tanks system, debris body and drive system. A sub frame shall be fabricated to the exact dimensions of the truck chassis for mounting of modular components. All components of the module shall attach to the sub frame and not directly to the chassis. Sub frame shall be designed to ASME standards for maximum applied loads, chassis frame movement and even distribution of weight to the chassis and suspension. 	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	

Exhibit A

	Description of Equipment	Offered Equipment	Cost
	5. Sub frame shall be continuous and uninterrupted from back of cab to end of frame.	Yes No	
D.	Debris body (or approved equal): 1. Efficiency of air movement through debris body will be measured for minimal restriction as measured by vacuum pressure gauge while operating blower at full speed. Pressure drop throughout entire system (from 8" hose inlet to blower inlet) including specified filtration and blower protection devices shall be no greater than 3" hg as measured at blower. If these numbers are not met, please tell us what your capacity is. 2. The body shall be cylindrical having a minimum usable liquid capacity of 12 cubic yards. If these numbers are not met, please tell us what your capacity is. 3. The body shall be capable of high dump height of approximately 60". Dump height of approximately. 60" must be achieved without the use of scissor lift mechanism. 4. The debris storage body shall be constructed with a minimum 1/4" corrosion and abrasion resistant Ex-Ten steel 5. The debris storage body shall have a minimum yield point of 50,000 PSI and a minimum tensile strength of 70,000 PSI 6. Body shall have a rear door that is hinged at the top and is equipped with a replaceable neoprene type seal. Adjustable for periodic compensation of door seal wear 7. Dual outward mounted rear door props shall be included as standard to prevent operator from entering door swing path when engaging rear door prop. 8. For optimal particulate separation, vacuum shall be drawn from separate ports in the top of the debris body 9. Body shall be dumped by raising the body to a 50-degree angle utilizing a forward mounted, double acting hydraulic dump cylinder. 10. Controls, accessory controls, e-stop control shall be provided at a central curb side location directly behind the cab of the truck. 11. For stability and safety, dumping must be accomplished while the pivot point of the body remains fixed to the subframe. 12. Industrial style rear debris body door shall be flat and shall open and close hydraulically by cylinders mounted at the top of the body. Door shall open 50 degrees from the fully closed position. Door shall be unlocked, opened, closed, and locked by a failsafe	Yes No Capacity: <u>12 Yard</u> Dump height: <u>49"</u> Yes No Yes No Yes No Yes No Yes No Yes No Yes No	

Exhibit A

	Description of Equipment	Offered Equipment	Cost
	22. A stainless-steel micro-strainer (to 30 microns) shall be provided prior to the blower inlet, with (3) removable cartridge style screens and bottom drain port. 23. A splash shield shall be mounted around the lower 60% of door opening to direct liquid and debris away from the chassis. Shield shall be minimum 10" deep bolted assembly with no openings. 24. A lubrication manifold system shall be provided to allow ground level greasing of boom lift and swing cylinders, float level indicator, top rear door hinges and debris body hoist cylinder pins. 25. A 6" valve, electrically activated, air operated valve debris body vacuum relief system shall be located in the inlet of the vacuum system to allow the venting of the tank and relieve vacuum at the debris intake hose. (3) Kunkel relief valves shall be included. 26. A debris inlet deflector distributing load evenly in debris body shall be included.	Yes No Yes No Yes No Yes No Yes No	
E.	Water tanks (or approved equal): 1. The water tanks shall be manufactured from a non-corrosive material to prevent rust yet still provide for maximum strength. 2. The water tank material shall require no internal coating and shall be repairable if patching is required. 3. The water tanks shall be easily removed from the subframe to provide complete access to the truck chassis for maintenance purposes. 4. The water tanks shall be adequately vented and connected to provide complete filling. 5. The water tanks shall be totally separate from the debris tanks and provide no structural support. 6. The water tanks shall share no common walls with the debris tanks to prevent corrosion. 7. The water tanks shall come equipped with an anti-siphon device and 25' of hydrant fill hose and fittings. 8. The water tanks shall carry a 10-year warranty against corrosion or cracking. 9. All water tanks shall be fully baffled to form a maximum compartment storage of 150 gallons for each compartment. DENVER CO, CITY AND COUNTY OF has determined that for the stability of the vehicle when turning and stopping and for safety of personnel that systems baffled at 150 maximum gallon	Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No	

Exhibit A

	Description of Equipment	Offered Equipment		Cost
	compartments are preferred. Exceptions of requirement shall be explained in detail accompanied with detailed engineering drawings.			
	10. The water tank shall be located for the lowest possible center of gravity while providing 100% gravity flooded intakes to water pump.	Yes	No	
	11. Fresh water shall enter the tanks through an in line 6" air gap, all aluminum covered anti-siphon device.	Yes	No	
	12. Water level sight tubes of non-yellowing plastic shall be installed on both tanks.	Yes	No	
	13. The sides of these water tanks shall not extend more than 48" out from the centerline of the truck chassis.	Yes	No	
	14. A fresh water drain system shall be provided to completely drain the fresh water system from one location utilizing the 3" Y-strainer on the pump.	Yes	No	
	15. A minimum 6" connection between tanks shall be provided.	Yes	No	
	16. For stability safety, the water tanks shall not elevate with debris body during dump cycle.	Yes	No	
	17. A low water alarm with indicator on control screen shall alert operator when water storage has reached an operator set remaining water level.	Yes	No	
	18. An air purge system utilizing the chassis air system shall be provided to assist displacing of residual water out of the high-pressure water system. System shall utilize the truck chassis air compressor to fill a 13-gallon auxiliary air storage chamber with pressure gauge and pressure protection valves to isolate the holding tank from the chassis compressor. System shall be equipped with ball valve and all necessary high-pressure piping hoses, couplings and controls.	Yes	No	
	19. A 3" -line "Y" trap strainer shall be located at inlet of water tank fill air-gap.	Yes	No	
	20. A 3" -line "Y" trap Monel stainless steel strainer shall be located between the water cells and water pump.	Yes	No	
	21. A 3" Gate Valve shall be provided at water pump.	Yes	No	
	22. Water tank must be a certified metered capacity of 1300 gallons. Certification shall be necessary upon delivery.	Yes	No	
	23. Water tanks shall be constructed of 1/8" aluminum with baffled compartments maximum 150 gallons each.	Yes	No	
	24. Liquid Float Level Indicator shall be provided.	Yes	No	

Exhibit A

	Description of Equipment	Offered Equipment		Cost
	25. High alloy stainless steel water barrel designed to improve water barrel life in application where harsh water is used.	Yes	No	
F.	Vacuum/vacuum drive system (or approved equal): 1. Vacuum shall be provided by a positive displacement rotary lobe type blower driven via chassis engine and heavy-duty split transfer case direct to the blower. 2. Interlock safety system shall prevent drive axle from engaging. 3. A horizontal silencer with rain cap shall exhaust above the cab. 4. A blower tachometer / hourmeter shall be provided and displayed digitally on front control screen. 5. For most efficient use of horsepower and fuel consumption, full vacuum and/or combination operation shall be approximately 1750 RPM of chassis drive engine. 6. Blower shall be driven by the chassis engine and shall produce inlet volume of 4500 cfm @ 0" hg @ 2250 rpm, and 3490 cfm @ 18" hg @ 2250 rpm vacuum (Roots 824RCS 18 or equal). Drive engine not to exceed 1760 RPM. 7. For added protection, the vacuum system shall have three (3) relief valves set at 18" hg, heavy duty horizontal mounted noise muffler, removable and cleanable stainless-steel filter screen, and shall be enclosed with a steel cage guard for safety. 8. Transfer case shall be activated by air via a one touch control located in cab with animated confirmation on screen. 9. A hot shift blower drive system shall be provided, including transfer case, air shift control, vacuum relief, and front control for blower engagement. 10. Blower shall be driven from chassis engine via the transmission drive shafts and heavy-duty split shaft transfer case direct to blower, engagement via one touch control on front control panel. 11. The blower drive mechanism shall be engaged and disengaged via an electrical switch located at the operator's station on the front mounted hose reel. This feature shall reduce blower runtime and the extend the blower service life. 12. Blower shall be provided with a horizontal silencer with exhaust above the cab and rain cap protecting the silencer from rain water. 13. Blower shall draw air from two (2) separate ports in the debris body. 14. Hydraulic shut off valves shall be provided at the suction, return and filter lines to permit servicing of the hydraulic system.	Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	

Exhibit A

	Description of Equipment	Offered Equipment	Cost
	<p>right, in / out boom functions, vacuum relief, e-stop and main power switch.</p> <p>13. A joystick for hydraulic control of the boom shall be installed on hose reel front panel.</p> <p>14. A removeable 4" diameter storage "Post" to stabilize the lower boom hose during transport. Storage device shall not interfere with raising hood.</p> <p>15. A cordless remote boom control system equipped to activate boom functions, throttle, water pump on/off, hose reel in/out, hose reel speed, vacuum relief on/off and emergency disengagement e-stop shall be provided.</p> <p>16. A detailed engineering drawing must be supplied showing the relationship of the hose reel in relation with the vacuum boom range of motion. Drawing shall show module mounted on chassis, full arc of vacuum hose both retracted and extended, full rotation of arc for hose reel in the extended position and dimension all arc lengths of vacuum boom retracted and extended. Drawing shall highlight intersection areas whereby combination cleaning is possible (within full arc on telescoping boom system).</p>	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	
H.	<p>Water pump and drive (or approved equal):</p> <p>1. For most efficient use of horsepower and reduced fuel consumption, high pressure rodder pump shall be hydraulically driven via (2) variable displacement pumps.</p> <p>2. Hydraulic powered rodder pump via (2) variable displacement hydraulic pumps utilizing (2) 10-bolt PTO's.</p> <p>3. High pressure water pump shall be rated capable of continuous delivery of 100 GPM at 2500 PSI (submit manufacturer support documentation).</p> <p>4. High-pressure water (rodder) pump system shall be completely controlled through the range with use of the MultiFlow Control and throttle located on the control panel.</p> <p>5. Digital flow meter shall be displayed in front LCD display. Flow meter shall be capable of displaying system flow in all pump operating modes. In addition, a low water alarm shall be provided.</p> <p>6. Water pump speed to remain fully adjustable via an independent operator input regardless of the selected vacuum drive speed.</p> <p>7. Variable flow systems routing water back-to-tank are not considered equal due to additional wear, horsepower and fuel</p>	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	

Exhibit A

	Description of Equipment	Offered Equipment		Cost
	consumption. Any deviation from this drive requirement should have full explanation of horsepower consumption.			
8.	Water (rod) pump shall include smooth and pulsation operation mode feature without altering pump flow.	Yes	No	
9.	When required to assist nozzle breaking through obstructions, water pump "pulsation mode" shall provide a forward-acting nozzle surge. Pulsation surge wave shall allow nozzle to punch forward 2" to 18" depending on flow dynamics and length of hose in sewer pipe.	Yes	No	
10.	Explanation of forward-acting pulsation method shall be submitted with bid or explained below. Systems that require the use of air induction into the water pump shall not be accepted.	Yes	No	
11.	Water pump location shall provide a flooded gravity suction inlet to eliminate potential cavitations damage.	Yes	No	
12.	An oil to water heat exchanger will be provided in the water system to cool all hydraulic fluids on the unit. State horsepower requirement to operate hydraulics at full speed:	Yes	No	
13.	The water pump shall provide precise 0-80 GPM controlled flow at variable pressure up to 2500 PSI.	Yes	No	
14.	An extreme cold weather recirculation system - minimum 25 GPM via transmission PTO at chassis engine idle speed.	Yes	No	
15.	A hydro-pneumatic nitrogen charged accumulator system shall be provided with all control valves, piping and hoses for either continuous flow or jackhammer rodding. Accumulator shall be a 2.5 gallon capacity and 1000 to 2500 PSI pressure rating.	Yes	No	
16.	Two (2) 1/2" high pressure ball valves shall be provided for draining the water pump and flushing sediment from the bottom of the pump.	Yes	No	
17.	A nozzle rack accommodating (3) nozzles shall be provided in curbside toolbox. The nozzles shall be labeled on storage rack for pipe size/flow and application.	Yes	No	
18.	System shall be relieved to protect operator.	Yes	No	
19.	Handgun shall be supplied that allows for changing of flow pattern from a fine mist to a steady stream.	Yes	No	
20.	Handgun shall come equipped with quick connect couplers.	Yes	No	
21.	An additional 1" water relief valve shall be provided.	Yes	No	
22.	A mid-ship quick disconnect handgun couplers shall be provided.	Yes	No	
23.	Front and rear quick disconnect handgun couplers shall be provided.	Yes	No	

Exhibit A

	Description of Equipment	Offered Equipment	Cost
	24. A water pump hour meter shall be provided.		
I.	<p>Water recycling program (or approved equal):</p> <ol style="list-style-type: none"> 1. A water recycling system consisting of a five-stage separation system incorporating classification filtration to 100 micron particle sizes. System shall prevent all non-deformable solids greater than 100 micron from reaching the jetting pump, nozzles, hoses and the sewer lines. System shall be capable of sustaining uninterrupted jetting operations at flow rates to 80 gpm. The following stages are provided: <ol style="list-style-type: none"> a. Stage 1: Gravity separation of the heaviest solids and floatables within the main debris body. b. Stage 2: A stainless-steel coarse filter screen that is the full size of the rear door incorporating varied perforation sizes across the depth of the tank. c. Stage 3: A stainless-steel centrifugal separator. d. Stage 4: A rotating, stainless steel, laser-perforated classification filter having perforations less than 100 microns in diameter. This filter shall be a perforated drum of 11 ga, stainless steel to resist fatigue. e. Stage 5: Gravity separation of additional solids in a stainless steel, dedicated gray-water reservoir prior to the jetting pump. 2. Water Recycler System shall provide the following features: <ol style="list-style-type: none"> a. Provides an automated, self-cleaning system for the 100 micron classification filter that operates continuously while the recycling system is operating. b. Provides recycling operation that is simultaneous with jetting and line cleaning. c. Provides a baffled, 400 + gallon, stainless steel gray water reservoir that also provides for jetting operations with intermittent flows greater than 80 gpm. d. Provides an automated, recycling system start / stop based on gray water reservoir volume. e. Has all recycling filtration components mounted to the rear door, eliminating the need to enter body or tanks for maintenance. f. Provides a hinged, stainless steel coarse filtration screen that can be cleaned with hand gun from ground level when dumping collected solids. 	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	

Exhibit A

	Description of Equipment	Offered Equipment		Cost
	g. Incorporates stainless steel plumbing and valves for the entire recycling system with flex connectors on all pipe assemblies. h. Provides a hose connection between rear door components and the gray-water reservoir. i. Includes stainless steel, 1" ball-type valves on all recycling plumbing components for quick draining. j. Incorporates air-operated gate valves that simultaneously actuate when switching between clean water and recycled water. k. Provides check valve protection to prevent gray water contamination of clean water tanks. l. Provides, simple, front-of-unit controls including the following: i. Recycling system on / off with indicator light. Also must ensure means of the recycle system being by-passed if needed. ii. Water source switch to select clean water, recycled water, or both to feed the jet-rodder pump.	Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
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		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
	J. Hose reel (or approved equal): 1. Hose reel assembly shall be direct frame mounted. 2. Hose reel assembly shall be mounted on an independent frame that can be removed from brackets attached permanently to front of main truck frame members. 3. Reel will be manufactured out of 1/4" spun steel for added structural strength and shall require no internal or external reinforcements that could damage rodder hose. 4. Hose reel shall be driven by adjustable gear reduction chain and sprocket assembly. 5. Hose reel shall operate at full rotational speed while chassis engine is at idle. 6. Hydraulic Telescoping Rotating Hose Reel - 800' capacity of 1" hose shall be provided. 7. The mounted hose reel shall telescope 15". 8. Entire reel assembly shall rotate 270 degrees on a large diameter ball bearing. 9. Hose reel shall include a dual locking device to positively lock reel in any position across operating range. 10. The hose reel shall rotate about the reel assembly centerline so the reel shall never extend beyond the truck width. Reel coverage diagram shall be submitted with bid.	Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	
		Yes	No	

Exhibit A

	Description of Equipment	Offered Equipment	Cost
	11. Controls shall accessible on both sides of the hose reel via a mounting station for the belly pack wireless remote control, allowing operator to work at either side of unit for safety purposes 12. 600' x 1" Piranha Sewer Hose / 2500 Psi shall be provided. 13. An automatic hose level wind scroll device shall be supplied. An air-cylinder actuated pinch-roller shall exert downward pressure across full width of reel to retain hose on reel when encountering nozzle blockages. 14. An air-cylinder actuated pinch-roller shall exert downward pressure across full width of reel to retain hose on reel when encountering nozzle blockages. Pinch roller must be activated via a one touch, backlit button with lighted feedback on the control panel. 15. A hose footage counter shall be supplied to indicate the amount of hose travel within pipe. 16. Digital footage counter displaying footage values shall be provided. System must be capable of resetting value to ensure operator safety. Accuracy Within One Percent Of Actual Distance, Large Easy To Read LCD Screen located on the 7 inch front control panel screen. 17. 10' Leader Hose.	Yes No Yes No Yes No Yes No Yes No Yes No	
K.	Washdown equipment (or approved equal): 1. A handgun with 1/2" x 35' hose shall be provided at mid-ship to which allow the operator to deliver water to area served by pick up hose and to the inside of the debris body for clean out. 2. Hand sprayer with adjustable spray-pattern to be provided with trigger-style gun.	Yes No Yes No	
L.	In cab controls (or approved equal): 1. All In cab controls are to be located on a single in cab control screen. This shall be a 7 inch full color display screen. It shall utilize 12 back lit tactile (glove ready) buttons on the sides of the screen as well as feature touch screen operation. 2. All Back up camera Features shall be displayed on the In Cab Control Screen. 3. All work lights shall be able to be activated or deactivated in cab with on screen controls. 4. All work lights shall be able to be activated or deactivated in cab with on screen controls. 5. All work lights shall be able to be activated or deactivated in cab with on screen controls.	Yes No Yes No Yes No Yes No Yes No	

Exhibit A

	Description of Equipment	Offered Equipment		Cost
	6. All standard arrow boards or arrow stick shall be controlled via an on-screen controller.	Yes	No	
	7. All safety strobes and beacons shall be controlled via on screen controller.	Yes	No	
	8. All safety strobes and beacons shall be controlled via on screen controller.	Yes	No	
	9. Jet or Combo mode shall be activated via one touch button on the control panel. Control screen must display an on-screen representation of the chassis drive system and must animate to show as drive systems activate or deactivate.	Yes	No	
	10. Recirculation must be activated on the in cab control screen and visibly show that it is active at all times.	Yes	No	

Exhibit A

	Description of Equipment	Offered Equipment	Cost																				
M.	<p>Front operating station and controls (or approved equal):</p> <ol style="list-style-type: none"> 1. Primary operator station will be located at front of truck on right curb side of hose reel. 2. All operator controls should be located on a single control panel that can be rotated on a 90-degree arc for an operator customizable location. The control panel shall also feature the ability to raise and lower through a range of not less than 8 Feet to accommodate operators of different height. 3. Station shall include a minimum of 7inch Touch (all weather w/shade) enabled display screen with corresponding tactile buttons for reading critical machine data including (hose footage, hose reel speed settings, water pressure, water flow. Air mover information, chassis data, mode indicator, chassis fuel level, and diagnostic controls), Back lit button keypads with, laser etched function icons, and 4 light feedback indicators. These buttons shall operate the following functions: All setup functions (remote/panel selector, work lights, hose reel extend/retract, hose reel lock, and pinch roller activation) and Vacuum functions. Additionally, there will be separate sealed rocker switches for Water Pump on/off and Throttle up/down. There shall be a multi flow control dial for controlling the full range of the water pump. 4. There shall be a hose reel joystick to control the pay in and pay out of the hose reel, this joystick shall offer speed control that increases the further the joystick is moved in either direction. There shall be an additional hose reel speed dial for setting specific speed ranges of the reel. There shall be a boom joystick that controls all function of the boom including up/down, left/right, and extend/retract. There shall be an E-Stop button to bring all machine. 5. Tachometer and hour meter for chassis engine provided at control station shall be provided. 6. Tachometer and hour meter for blower provided at control station shall be provided. 7. All Hydraulic Functions - Color Coded, Sealed Electric/Hydraulic NEMA 4 switches shall be provided. 8. Blower Engagement/Vacuum Relief - Sealed Electric/Air NEMA 4 Switch shall be provided. 9. Water pump hour meter shall be provided. 10. PTO hour meter shall be provided. 	<table border="0"> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> <tr> <td style="background-color: #90EE90;">Yes</td> <td>No</td> </tr> </table>	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
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Exhibit A

	Description of Equipment	Offered Equipment	Cost
N.	Vehicle Rear Lights (No Approved Equals): 1. All lights shall be Truck-Lite "Lifetime Warranty" 12vDC, LED type, flush mount, sealed lexan body, grommet insulated with Fit' N Forget multi-pin plugs where possible. 2. Integral Stop/Turn/Tail/ lights mounted in the rear corner post of the dump body model Super 44 P/N 44302R or model 60 P/N 60250R. 3. Third Brake Light use the same used light used for Stop/Turn/Tail light and disable the Turn and Tail light sections. 4. Back up lights Truck-Lite LED, flush mount, sealed lexan body, grommet insulated, multi-pin units model 44 P/N 44206C. 5. Marker lights Truck-Lite LED 3 per side model 10 P/N 10250R or 10250Y or model 30 P/N 30250R or 30250Y. 6. Rear ID bar Truck-Lite LED model 35 P/N 35741R or 35740R. 7. License plate light, Truck-Lite model 15 P/N 15040 8. Work lights Two (2) mount LED work lights with lighted on dash mounted control switch. 9. Wiring shall be sealed Fit' N Forget modular plug-in type where possible. 10. Dielectric grease shall be applied to all plug connections and terminals to prevent corrosion.	Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No	\$ 0.00 \$ 150.00 \$ 150.00 \$ 50.00 \$ 300.00 \$ 1190.00 \$ 15.00 \$ 516.00 \$ 0.00 \$ 0.00
O.	Paint Main Body: 1. Polyurethane paint equal to DuPont Imron 5000, Color "Bright White", 2 coats applied to all non-stainless steel components following manufactures procedures to include: 2. Preparation to include: 3. Removing all mill scale and slag. 4. Variprime 615S self-etching primer or approved equal. 5. Treating bare metal with manufacturer's conditioners and conversion coatings or approved equal. 6. Paint to be applied with all body members painted.	Make: <u>DUPONT</u> Type: <u>Powder Coat</u> Color: <u>Bright White</u> Yes No Yes No Yes No Yes No Yes No	\$ 1290.00

Body Equipment SUB TOTAL COST \$ 366,728.40

4.7 Sundries Equipment

When a brand/model is referenced in the specifications unless it is stated as "No Approved Equal" it is only a statement of expected quality, information on alternative products shall be provided with the bid so a full technical comparison can be made of the product submitted as an "approved equal".

Exhibit A

	Description of Equipment	Offered Equipment	Cost
A.	Driver Height Warning Sign: 1. Installed on truck dash providing the travel height of the vehicle. 2. Sign shall be in 1" "white" block letters.	Yes No Yes No	\$ __ 15.00 __
B.	Conspicuity Tape: 1. DOT-C2 Standard No. 108 reflective conspicuity tape. 2. Tape shall be on both lower sides and rear of the body. 3. Tape shall be applied in symmetrical pattern from middle of panel outward.	Yes No Yes No Yes No	\$ __ 75.00 __
C.	Mud flaps: 1. Mud flaps shall be heavy-duty anti-sail type 2. Installed front and rear on rear wheels.	Yes No Yes No	\$ __ 300.00 __ \$ __ 0.00 __
D.	Sewer tools and accessories (or approved equal): 1. (1) 30 Sand Nozzle. 2. (1) 30 deg. Sanitary Nozzle. 3. (1) 15 deg. Penetrator Nozzle. 4. (1) 1" Small finned nozzle pipe skid	Yes No Yes No Yes No Yes No	\$ __ 600.00 __
E.	Vacuum tools and accessories (or approved equal): The basic vacuum tube package shall include the following: 1. (1) 7" x 3' aluminum pipe. 2. (2) 7" x 5' aluminum pipe. 3. (1) 7" x 6'6" catch basin tube. 4. (4) 7" quick clamps.	Yes No Yes No Yes No Yes No	
F.	Electrical & safety lighting (or approved equal): 1. The entire system shall be vapor sealed to eliminate moisture damage, "Nema-4" type or equal. 2. IQAN Electronic Package: Chassis Tachometer, Blower Tachometer, Operating Mode, PTO Mode, Hydraulic Oil Temperature shutdown, Hose Reel Speed, Water Pressure, and E-Stop shall be included. E-Stop activation must turn off rodder pump, shutdown Hydraulics, set chassis throttle to idle, stop vacuum E-stop must be located at each operator interface; including hose reel controls, pendant control, wireless control (if equipped) Diagnostics for basic machine functions and all inputs and outputs shall be accessible via the display. Advanced diagnostics, updates, data retrieval, and remote diagnostics will be available via PC or Bluetooth connection. 3. Logs, reports, and hour meters will be accessible via the display.	Yes No Yes No Yes No	

Exhibit A

	<p>4. All electrical connections shall be void of exposed wires or terminals nor should they be painted. Paint process shall be completed prior to installation of wiring.</p> <p>5. All wiring shall be color-coded and encased in conduit to scaled terminal boxes with circuit breakers.</p> <p>6. All other lights required by State and Federal Laws.</p> <p>7. One-piece directional 8-LED light arrow stick (Signal Master or equal) shall be mounted on rear door of debris body, with controls mounted in cab.</p> <p>8. Handheld, Pistol Grip LED Spot light with rechargeable Lithium Ion battery.</p> <p>9. Strobe L.E.D. Amber Beacon-Rear Door-Facing rear shall be provided.</p> <p>10. Strobe L.E.D. Amber Beacon- Front Cab Guard mounted shall be provided.</p> <p>11. Operator station shall have back lit buttons for low light operation.</p> <p>12. Hose reel manhole work lights shall be provided.</p> <p>13. (2) L.E.D. Boom worklights shall be provided.</p> <p>14. L.E.D. Lights, Clearance, Back-Up, Stop, Tail & Turn shall be provided.</p>	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	
<p>G.</p>	<p>Safety equipment (or approved equal):</p> <p>1. E-stop shall be located at each operator interface location. Standard locations to include: front hose reel, mid-ship curbside dump controls, & wireless controller (if equipped.)</p> <p>2. Electrical system controls shall be configured to allow for single point operation only. Upon engagement of controls at specified locations, additional controls shall be disabled.</p> <p>3. Electrical system must enable self-check to ensure all switches are in home position prior to critical function enablement. System must "lock out" controls when switch is not in home position.</p> <p>4. (1) LED Emergency Flare Kit.</p> <p>5. (1) 5# DOT approved Fire Extinguisher.</p> <p>6. Screen Backlighting shall be provided.</p>	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	
<p>Sundries Equipment SUB TOTAL COST</p>			<p>\$_990.00__</p>

Exhibit A

4.8 Optional Equipment

Do not include Optional Equipment in the total price of the vehicle; however, an equipment price must be provided. The City will determine if the equipment is to be purchased.

When a brand/model is referenced in the specifications unless it is stated as “No Approved Equal” it is only a statement of expected quality, information on alternative products shall be provided with the bid so a full technical comparison can be made of the product submitted as an “approved equal”.

	Description of Equipment	Offered Equipment	Cost
A.	<p>Remote High-Quality Color Safety 5 Camera System:</p> <ol style="list-style-type: none"> 1. Camera, color, Brigade – BN360-100C, 360-degree camera kit system with camera view selection on the TV monitor face: <ol style="list-style-type: none"> a. Rear of vehicle mounted camera wired into vehicle reverse circuit to automatically turn ON when vehicle is shifted into reverse or ON when vehicle ignition is on or in a forward gear: b. Front, rear, left and right side ultra-wide viewing camera system to serve as an auxiliary rear view mirror function (blind spot view) to augment the rear-view mirrors. The cameras shall be normally ON viewing all sides of the vehicle including blind spot. It shall automatically switch to rear of vehicle view when the transmission reverse gear function is activated. An override to keep the left side camera on shall be provided for special situation use. Camera shall be as small as possible and protected from tree branch damage. 2. Camera color Brigade 360 System Kit with automatic shutter (2) required: <ol style="list-style-type: none"> a. Camera shall be in water proof cast aluminum housing. Housing shall be able to be pressure washed when washing vehicle. b. Camera shall have built in safety audio system that will pick up and broad cast normal conversation to monitor. c. Camera shall be automatically heated for cold weather operation. d. Resolution 380 TV lines horizontal. e. Signal to noise ratio 44dB minimum. 3. Camera (Left Side) Brigade 360 System Kit <ol style="list-style-type: none"> a. Left camera shall be mounted on the left front corner of the truck 	<p>Make: <u>Brigade</u> Model: <u>BN-360-100C</u></p> <p><input checked="" type="checkbox"/> Yes No Camera Price Required</p> <p><input checked="" type="checkbox"/> Yes No Camera Price Required</p> <p>PLEASE SEE NOTES ON EXCEPTIONS PAGE!!!</p> <p><input checked="" type="checkbox"/> Yes No Camera Price Required</p> <p>Make: <u>Brigade</u> Model: _____</p> <p>Quantity: <u>2</u></p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p>Resolution: <u>380</u> lines</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p>	<p>\$ <u>3000.00</u></p> <p>\$ <u>200.00</u></p> <p>\$ <u>200.00</u></p> <p>\$ <u>1566.00</u></p> <p>\$ <u>150.00</u></p> <p>\$ <u>150.00</u></p>

Exhibit A

<p>4. Monitor LCD, 7" Falt Screen Brigade VBV-77FM</p> <p>a. Monitor shall be in a very easy to see location that requires as little as possible head movement and also with a little as possible front windshield obstruction. The monitor location shall be mutually agreed upon.</p> <p>b. Camera view selection switches on the TV monitor and trigger wires via power cable.</p> <p>c. Automatic day/night dimmer sensor</p> <p>d. Resolution 291,000 pixels or better.</p> <p>e. Picture control to include brightness, contrast and image.</p> <p>f. Speaker system to broadcast sound from camera.</p> <p>g. Picture shall be crisp and clear at all times.</p> <p>h. Anti-glare sun shield and hood</p> <p>i. Swivel mounting bracket.</p> <p>j. Automatic dimmer sensor to adjust for day and night viewing.</p> <p>k. Monitor capable of accommodating 360 degree 5 camera system.</p> <p>5. All wiring shall be totally sealed with sealed locking connections to prevent corrosion.</p> <p>6. All wiring shall be routed to prevent damage to the wiring.</p> <p>7. Warranty 2 years with replacement of failed components with new components shipped UPS "Next Day" upon notification of problem.</p> <p>8. Additional 5 Year Warranty</p> <p>9. Menu Driven Menu Screens shall be provided.</p> <p>10. Multi-View Available On Monitor, Up To (4) Camera Inputs and Up To (4) Simultaneous Views shall be provided.</p> <p>11. Back-Lit Soft Touch Controls shall be provided.</p> <p>12. Front Hose Reel ColorCamera with 130 Viewing Angle shall be provided.</p> <p>13. Rear Back-up Color Camera With 130 Viewing Angle shall be provided.</p> <p>14. Left and Right-Side Mounted Color Cameras, Each With 130 Viewing Angle shall be provided.</p> <p>15. LED Low Light Assist On Each Camera shall be provided.</p> <p>16. Automatic Activation of Rear Camera When Transmission REVERSE is selected shall be provided.</p> <p>17. Automatic Activation of Appropriate Side Camera When Turn Signal is activated shall be provided.</p> <p>18. Normal Image / Mirror Image Orientation shall be provided.</p> <p>19. Manual Selection of Camera, Except In Reverse shall be provided.</p>	<p>Make: ___Brigade_____ Model: ___VBV-77FM___</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Make: ___Brigade_____ Model: _____</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Pixels: ___291,000___</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Make: ___Brigade_____ Model: _____</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Warranty: ___2___ years</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>\$___500.00___</p> <p>\$___175.00___</p> <p>\$___0.00___</p>
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Exhibit A

	<p>20. PAL compatibility shall be provided. 21. Quad- Adapter shall be provided. 22. Waterproof cable connector shall be provided. 23. The unit shall utilize a high temperature monitoring safety device to automatically disable the vacuum system when the outlet temperature of the positive displacement blower reaches a high temperature limit. 24. Digital water pressure shall be displayed in front LCD display. Pressure gauge shall be capable of displaying water system pressure in all pump operating modes.</p>	<p>Yes No Yes No Yes No Yes No Yes No</p>	
<p>B.</p>	<p>Cab Heater: 1. The cabin heater shall be a Webasto Air Top 2000ST. 2. Heat Value 3,100 to 7,000 Btu/hou 3. Air Flow 37 cfm 4. Size: 12 ¼" x 4 ¾" x 5" approximate 5. Electrical 12vDC @1.2 amps 6. Diesel Fuel Usage 0.03 to 0.06 gallons/hour</p>	<p>Make: __Webasto__ Model: __Air Top 2000ST__ Btu's: __6800__ /hr Air Flow: __37__ cfm Size: __12 ¼"__ x __4 ¾"__ x __5"__ Fuel Usage: __0.06__ gal/hr</p>	<p>\$_3,500.00_</p>
<p>C.</p>	<p>Hydraulic Oil and Engine Coolant Heater: 1. Heater for hydraulic oil and engine coolant shall be a Wabasto Thermo 90ST 2. Heat Value 6,100 to 26,000 Btu/hour 3. Water Flow 7.3 gallons/minute @ 2.2 psi 4. Size: 15 ¾" x 7 ½" x 14" approximate 5. Electrical 12vDC @ 3 amps 6. Diesel Fuel Usage 0.06 to 0.24gallons/hour 7. Hydraulic oil heater Arctic Fox H-4000 series maximum length for hydraulic tank. Baffle may need to have pass-thru opening</p>	<p>Make: __Webasto__ Model: __Thermo 90ST__ Btu's: __6,100 to 26,000__ /hr Water Flow: __7.3__ gpm Size: __15 ¾"__ x __7 ½"__ x __14"__ Fuel Usage: __0.06 to 0.24__ gal/hr Make: __Arctic Fox__ Model: __H-4000__ Length: __24"__</p>	<p>\$_4900.00_</p>
<p>D.</p>	<p>Inspection Trip: 1. The City and County of Denver reserves the right to inspect at the cab and chassis and body fabricating plant during the construction of the first (1st) article prior to paint and delivery. 2. Where the fabricating plant is located further than 200 road-miles from the City and County of Denver, the bidder shall include in the bid price all travel expenses to the fabrication plant for the inspection. 3. The City may select to send from 2 representatives to inspect the 1st article. The provided costs shall be based on one (1) person per</p>	<p>Provide information: Distance to fabrication plant: __1378__ miles Plant Location: __New Philadelphia, OH__</p>	

Exhibit A

day and the City will determine how many representatives the inspection will require and how many days the inspection will require. 4. Inspection Trip Costs to include: a. Air fare per person: b. Surface transportation costs: c. Lodging per person per day: d. Meals per person per day: 5. Total cost per person for 1st article inspection trip:	Air Fare: \$__150.00__, Airline: _United_____	
	Surface Transportation: \$__0.00__, Mode: Shuttle	\$__150.00__
	Lodging / day: \$__100.00_____, Hotel: __Holiday Inn Express_____	\$__0.00__
	Meals / day: \$__0.00_____	\$__100.00__
		\$__0.00__
		\$ 250.00

Safety Vision System & Equipment SUB TOTAL COST | \$14591.00

5.0 Manuals/Equipment

	Description of Equipment	Offered Equipment	Cost
A.	Training Video:		
	1. One Flash drive demonstrating and explaining the safe and proper use of the vehicle/equipment.	Yes No	\$__0.00__
	2. Equipment and Body.	Yes No	\$__0.00__
B.	Operators Manual Paper:		
	1. One book per vehicle/equipment with "safe equipment operation" section for each component.	Yes No	\$__15.00__
	2. Equipment and Body.	Yes No	\$__15.00__
C.	Service/Repair/Maintenance Manual Paper:		
	1. Two complete sets per purchase order (<u>not per vehicle</u>) binders are required.	Yes No	\$__25.00__
	2. Manuals shall be provided for: a. Equipment and body	Yes No	\$__0.00__
	3. Manuals shall include complete and detailed information for maintenance of the equipment, including general information, specifications, troubleshooting guide, lubrication and required adjustments.	Yes No	
	4. The hydraulic and electrical sections of the manuals shall be provided in a separate electrical/hydraulic binder. Both electrical	Yes No	\$__0.00__

Exhibit A

	<p>and hydraulic circuits shall have separate color coded schematics for each equipment function to show the flow of both electrical current and hydraulic oil.</p> <p>5. Any revisions that affect the manual shall be submitted to the City in a timely manner.</p>	<p>Yes No</p>	
<p>D.</p>	<p>Service/ Repair/Maintenance Manual on Flashdrive:</p> <p>1. One complete set per Purchase Order (<u>not per vehicle</u>)</p> <p>2. Manuals shall be provided for: 1) Equipment and body</p> <p>3. Manuals shall include complete and detailed information for maintenance of the equipment, including general information, specifications, troubleshooting guide, lubrication and required adjustments.</p> <p>4. The hydraulic and electrical sections of the manuals shall be provided in a separate electrical/hydraulic binder. Both the hydraulic and electrical circuits shall have separate color-coded schematics for each equipment function to show the flow of both electrical current and hydraulic oil.</p> <p>5. New Flashdrives shall be provided when information is updated, superseded or changed.</p>	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p>	<p>\$__10.00__</p> <p>\$__10.00__</p> <p>\$__0.00__</p>
<p>E.</p>	<p>Service/Repair/Maintenance Manual on Internet Access, or other Electronic Media:</p> <p>1. One complete set per Purchase Order (<u>not per vehicle</u>)</p> <p>2. Vendor shall provide access to the site for the length of time that the City owns the vehicle/equipment at a one time up front cost to the City.</p> <p>3. Internet information shall include complete and detailed information for maintenance of the equipment, including general information, specifications, troubleshooting guide, lubrication and required adjustments.</p> <p>4. The hydraulic and electrical sections of the manuals shall be provided in a separate electrical/hydraulic binder. Both the hydraulic and electrical circuits shall have separate color coded schematics for each equipment function to show the flow of both electrical current and hydraulic oil.</p>	<p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>If other Specify: _____</p> <p>_____</p> <p>_____</p> <p>Yes No</p>	<p>\$__0.00__</p>

Exhibit A

F.	<p>Parts Manual Paper:</p> <ol style="list-style-type: none"> 1. Two complete sets per Contract (<u>not per vehicle</u>) binders required. 2. Manuals shall be provided for: <ol style="list-style-type: none"> a. Equipment and body 3. Illustrated parts book shall be furnished containing data so that part numbers can be readily found for each system. 	<p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p>	<p>\$ 0.00</p> <p>\$ 0.00</p>
G.	<p>Parts Manual on Flashdrive:</p> <ol style="list-style-type: none"> 1. One complete set, per Purchase Order (not per vehicle) illustrated parts book shall be furnished containing data so that part numbers can be readily found for each system. 2. Information shall be provided for: <ol style="list-style-type: none"> a. Equipment and body 3. Parts manuals shall include complete and detailed information for replacement parts for the equipment, including general information, specifications ordering guide lines and superseded parts information. 4. New Flashdrives shall be provided when information is updated, superseded or changed. 	<p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p>	<p>\$ 0.00</p> <p>\$ 0.00</p>
H.	<p>Parts Manual on Internet Access, or other Electronic Media:</p> <ol style="list-style-type: none"> 1. One complete subscription; per Purchase Order (not per vehicle) 2. Internet information shall allow the City 24 hour 7 days/week including holidays access from its main maintenance facility and all its satellite maintenance facilities. 3. Internet information shall include complete and detailed information for parts for the: <ol style="list-style-type: none"> a. Equipment and Body 4. Internet information shall cover vehicle/equipment, shall include general parts information, parts specifications, ordering guide lines and superseded parts information. 5. Vendor shall provide access to the site for the length of time that the City owns the vehicle/equipment at a one time up front cost to the City. 6. Parts manuals shall include complete and detailed information for replacement parts for the equipment, including general information, specifications ordering guide lines and superseded parts information. 	<p>Access Information: 7 days/week including holidays</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p><input checked="" type="checkbox"/> Yes No</p> <p>If other Specify: _____</p> <p>_____</p> <p>_____</p> <p><input checked="" type="checkbox"/> Yes No</p>	<p>\$ 0.00</p> <p>\$ 0.00</p>

I.	New Equipment Check-in Form: The successful vendor shall complete the City's "New Equipment Check-in Form" completely and accurately with all requested information.	\$ 0.00
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5.1 Operator and Mechanics Training

	Description	Offered Equipment	Cost
A.	On Site Equipment Manufacturers Training: On site the vendor shall insure that the equipment manufacturers training representative, after delivery of the equipment Contacts Fleet Maintenances training manager to coordinate equipment training.		\$ 0.00
B.	Fleet Maintenance Training Manager: Mr. Tom Phillips, Telephone: 720.865.4151 Contact time: 8:00 am to 3:00 pm M-F		
C.	Training Requirements: Training shall consist of factory training materials, classroom and actual field training on the equipment for the equipment operators and supervisors.		\$ 0.00
D.	On Site Mechanics Training: On site mechanics training shall be 2 classes, approximately 8 hours, 2 shifts total provided at City facilities. The training shall cover maintenance and service procedures, trouble shooting and use of manuals.		\$ 0.00

6.0 Repair Parts Delivery

	Repair Parts delivery	Complies (Y or N/A)
A.	Prime Vendor is to indicate if a current City issued Master Purchase Order (MPO) / Supplier Contract (SC) agreement(s) in place with the City (Example SC-0000XXX) If no agreement exists, is your company willing to enter into a long-term SC/MPO in order to supply parts and components for the equipment and manufactures proposed herein? YES or NO	N/A
B.	Sub-Vendor is to indicate current Master Purchase Order(MPO) agreement(s) in the City. (Example: SC-0000XXXX) If no agreement exists, is your company willing to enter into a long-term SC/MPO in order to supply parts and components for the equipment and manufactures proposed herein? YES or NO	N/A

7.0 **Warranty**
 7.1 **General Warranty Provisions**

WARRANTY (Table 1)		Complies (Y or N/A)
A.	The warranty on the body of the vehicle is to be a minimum of 5 years. The standard factory warranty plan for both the body, to include the hydraulic components, shall be provided as an attachment to your bid proposal.	Y
B.	The Warranty is to include at no cost to the City of Denver, all parts and labor, and no charge for work performed at the vendors facility	Y
C.	Warranty shall start when the City places the vehicle into service NOT on the delivery date. Taking an exception may cause the proposal to be viewed as non-compliant.	Y
D.	Warranty plans shall consist of the total unit and be broken out to a separate plan for each warranty item if applicable, such as engine warranty plan, transmission warranty plan, electrical, etc.	Y
E.	Options listed shall be bid and provided as factory installed under the terms of the full factory-backed warranty. This includes, but is not limited to: air conditioning, radios, cruise control, bumpers, towing packages etc. Dealer-installed options will not be permitted unless pre-approved by the City in writing and, where applicable, indicated on bid sheet as a "dealer installed" non-factory item.	Y
F.	The Successful Proposer will be responsible for warranty repair of all installed options/auxiliary equipment included in the bid that has a standard warranty that is less than the standard warranty for the base vehicle/equipment	Y
G.	The Successful Proposer shall use a single, local factory authorized dealership that will accomplish or coordinate required warranty work. The dealership must have a minimum of 1-year experience as a factory authorized vendor for like equipment being bid. Warranty parts shall be available and supplied within 24 hours	Y
H.	If applicable, bidder shall provide a plan for the City to be reimbursed if the work can be done by the City on site. The current shop rate is \$75.00/hour, not to exceed \$85.00/hour. (Enter a response of N/A if not available)	Y
I.	The Successful Proposer shall respond to request for warranty assistance within twenty-four (24) hours.	Y
J.	Warranty work shall be accomplished within an appropriate length of time (generally less than 3 business days for everything other than major component repair such as a transmission rebuild) and shall be coordinated with an authorized City representative	Y
K.	During the entire warranty period, if the unit requires transportation to a repair facility, the vendor/sub-vendors shall be responsible for all transportation at "NO COST" to the City and County of Denver. This includes transporting the unit back to the City's domicile location after repairs are complete. If an alternate is bid, charges to the City of Denver shall be listed (e.g. mileage, travel, labor, etc.). Even if an alternate is bid, in NO CIRCUMSTANCES will the City and County of Denver be responsible for transporting a unit greater than 25 miles from the center of Denver. For purposes of these warranty provisions, the center of Denver is defined as the City and County Building located on the corner of Colfax and Bannock Street.	Y
L.	The item(s) procured by the City pursuant to this Proposal shall, in addition to being subject to the express warranties referenced above, be subject to all implied warranties arising by operation of law under State of Colorado and Federal law, including but not limited to the implied warranty of merchantability and, to the extent applicable, the implied warranty of fitness for a particular purpose arising under the Colorado Uniform Commercial Code, Title 4, Colorado Revised Statutes. The bidder shall in no event attempt to limit or disclaim any of such implied warranties under this Bid Proposal, and any attempt to do so will render the bidder's bid non-responsive under this Bid Proposal.	Y

7.2 Fleet Defects

WARRANTY - (Table 2) Fleet Defect Clause	
A.	Definition: If during the warranty period, thirty percent (30%) of the total number of units delivered have the same part(s) and/or components failure requiring replacement and/or modifications, caused by defects in Design, Testing, Material, and/or Workmanship, then this "Fleet Defect Clause" goes into effect.
B.	Remedy: Following notification of a Fleet Defect, the vendor shall develop and implement a plan that either reengineers, modifies, or replaces the defective parts/ systems, such that the identified problem is cured, and the operation of the vehicle/equipment is not altered. When alterations are required to cure the defect, those alterations that change or modify the original bid specifications must be approved by the City and County of Denver prior to execution. The vendor will pay for all necessary labor and materials to repair, modify, and/or "update" all vehicles/units in this group. The vendor shall also propose a work schedule that is mutually agreed upon by the City of Denver that corrects the fleet deficiency within 30 days or a mutual agreed upon schedule.
C.	Exceptions: Fleet defects will not apply to minor aftermarket accessories specified by the City of Denver and installed per instructions/specifications. Examples include: toolboxes, spotlights, bed-liners, etc.
D.	Mitigation: Should the vendor become non responsive to the City's notification of a Fleet Defect, the City may employ several options. (1) After notifying the vendor in writing of The City's intent to mitigate its circumstances, the City may choose to perform its own warranty work and seek reimbursement for both parts and labor. (2) On major components, such as engine, transmission, air conditioning, etc., the City may choose to have the repairs performed by an authorized dealer and vendor shall reimburse the City for any parts or labor not covered by other warranty.
E.	Outside Metro-Denver: Vendor will pay for all transportation costs if unit(s) must be sent out of the Denver area for repairs. The City and County of Denver reserves the right to inspect unit(s) before returning back to Denver. The City and County of Denver also reserves the right to send at least one employee, without cost to the City, to inspect the repair(s) before unit is released back to the City.
F.	Expired Warranties: Units that have mutually agreed upon warranty defects during the warranty period will continue to be repaired until completed. If an on-going remedy continues past the warranty date the repairs will continue under warranty until completed or cease at a time agreed upon by the vendor and City and County of Denver.

8.0 Heavy Duty Vehicle Delivery Documentation:

Delivery Documentation (GVWR 26,001-Lbs and Above Heavy Duty)	
A.	Vehicles ordered under this specification shall be complete and delivered to CITY AND COUNTY OF DENVER, Fleet Management Division. All prices quoted must be quoted at a firm price F.O.B. Denver, Colorado, 5440 Roslyn St. Building C.
B.	<p>Vendor shall supply at acceptance and delivery of vehicle.</p> <ol style="list-style-type: none"> 1. Bill of Sale (aka invoice, buyers order) 2. Original MSO (Manufacturers Statement of Origin) 3. Application for Title and/or Registration, Colorado Dept of Revenue form DR2395 (02-22-11) 4. Odometer Disclosure Statement, Colorado Dept of Revenue form DR2407 (09-07-05) 5. Letter of Certification on Vendor Letterhead (Required for Incomplete Vehicles) with added bodies etc, describes the final configuration of the vehicle) 6. Air Brake inspection form required for any vehicle with air brakes or truck units capable of towing trailers greater than 10,000-Lbs 7. Standard Sales Tax Receipt. 8. DOT inspection form. 9. Temporary License Plate. 10. New Equipment Check-in Form/ Vendor Supplied Information on the Vehicle. Form provided by Fleet contact Dolores @ 720.865.3903 11. Copy of City Purchase Order. 12. All Keys ordered for the Vehicle and Sundries, i.e. toolboxes etc. 13. All Manuals repair, parts, owners and/or CD's/DVD's/USB's etc 14. Vehicle Warranty information and receipt for optional warranty. 15. Receipts and Warranty information for vendor Installed/supplied components (lift gates, snowplows, lighting equipment etc) 16. All fluid levels top off (full) including fuel and DEF
C.	<p>For an "Incomplete Vehicle" (cab) add the following:</p> <ol style="list-style-type: none"> 17. Verification S/N number Colorado Dept. of Revenue form DR2087. 18. Statement of Fact for incomplete vehicles with added bodies etc, describes the final configuration of the vehicle. 19. Original weight slip.
D.	<p>Delivery: Monday through Friday between 8:00am and 1:00pm. Location: CITY AND COUNTY OF DENVER Fleet Management 5440 Roslyn St. Building C Denver, CO 80216 Contact person to coordinate delivery: Fleet Maintenance Division at (720) 865-3900 ext. 03 or direct line (720) 865-3903.</p>

9.0 Vehicle Delivery

9.2 Delivery of Completed Truck with Body Installed to City and County of Denver

	PROVIDE NUMBER OF DAYS REQUIRED FOR DELIVERY OF COMPLETE VEHICLE AFTER CAB AND CHASSIS IS DELIVERED	__90_DAYS
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10.0 Complete Vehicle Cost

	Summarized Vehicle Requirements	Unit Cost	Quantity Requested	Extended Cost
	Include: <ul style="list-style-type: none"> ○ Body Total Cost ○ Sundries Items Total Cost Do Not Include: <ul style="list-style-type: none"> ○ Optional Equipment ○ Warranty Cost (s) ○ Manual Cost (s) 	TOTAL COST FOR ONE (1) VEHICLE: \$367,718.40	2	TOTAL COST FOR TWO (2) VEHICLES: \$735,436.80

Neverest Equipment Company

Exhibit A

6681 Colorado Blvd Unit 5
 Commerce City, CO 80022
 (303)227-7686

Quote

Bill To	Ship To
City and County of Denver Fleet City and County of Denver Fleet Accounts Payable 201 W. Colfax Denver, CO 80202	Donnie Cruz Fleet Manager City and County of Denver Fleet 1271 W Bayaud Ave Bldg 5 Denver, CO 80223

Account #	Quote #	Quote Date	Valid Thru	Terms	Rep.	Ship Via	FOB
1076	4941	11/13/2020	12/13/2020	Credit Card	Admin		

Product	Description	Quantity	Unit Price	Total Price
Misc	Cold weather heating system for critical water lines. System will automatically turn on at 35 degree ambient temperature while the truck is in road mode or pump mode. System will function off 12v 20amp fused circuit and utilize heavy duty heat tape installed on critical water lines, which are then insulated with high density foam to retain heat. System will also shut off automatically at 45 degrees. System is designed to function when the truck engine is running.	2.00	5,500.00	11,000.00
Misc	Upgrade tool box from 36" to 60"	2.00	680.00	1,360.00
Misc	Additional 60" tool box	2.00	1,450.00	2,900.00
Misc	Platform steps on the power frame.	2.00	1,005.00	2,010.00

Taxable Total	Tax Rate	Tax Amount	Discount Rate
17,270.00	0.00	0.00	0.00

Quote Total
17,270.00

Thank you for your Business.

CITY PO EXHIBIT
City and County of Denver
Fleet Management
Vendor Supplied Information Data

City Unit(s) # _____

(City Use Only)

ENTER CITY PURCHASE ORDER NUMBER: PO- _____
Example: PO-00003584

The following underlined forms and information are **REQUIRED** for new vehicle deliveries:

- Copy of entire Purchase Order (all pages)
- Original MSO (Manufacturers Statement of Origin) – is required for all vehicles except off-road and construction equipment. May receive one for some off road equipment if manufacturer issues one.
Name of purchaser: **City and County of Denver**
Address: **201 W. Colfax Ave. Dept. 304**
Denver, CO 80202
- Secured Dealer Bill of Sale (DR2407) – IN STATE ONLY – Required for on the road vehicles Such as cars, pickup[s], vans and any vehicle under 16,000 GVWR. Not needed if odometer Section is filled out and signed on MSO. Not required on vehicles over 16,000GVWR LBS.
- Application for Title and Registration (DR2395) – Required for all on-road vehicles and trailers.
- Verification of Vehicle Identification Number (DR2698) – Required for all Vehicles coming from an out of state dealer, incomplete vehicle. I.E. Cab and Chassis.
- Statement of Fact (DR2444) - Required on all vehicles with modifications to the cab and chassis. Such as a body crane, auxiliary engine, etc. The statement of fact must include the modifications made and include VIN numbers of chassis and equipment.
- Special Mobile Machinery Form (DR2689) - Required on all off road and Construction equipment. I.E. Front end loaders, tractors, skid steer loaders, Mowers, air compressors, motor graders, etc.
- Weight slip required - (on all incomplete vehicles that are made into a complete vehicle) – and all off-road equipment and construction type equipment. (Front end loaders, sweepers, graders, air compressors, rollers, etc.).
- Temporary License Plate – Required for all on-road vehicles. Not required for off road Equipment.
- Original Dealer Invoice – Required for all vehicles on and off the Road.
- Receipt or Contract for Optional Warranty – Only if spec or called out on P.O.
- Shop and Parts manuals (as required) (CD or electronic form preferred) – Only if spec or show as a line item of P.O.
- Standard Sales Tax Receipt for Vehicle Sales (DR0024)-IN STATE ONLY- Required for purchases to disclose the purchase amount to the state.

Dealer Signature: _____ Date: _____