



TANEY COUNTY MISSOURI

Purchasing Department 132 David Street / P. O. Box 1630 Forsyth, Missouri 65653

REQUEST FOR BID No. 201303-218

Taney County will accept separate sealed Bids from qualified persons or firms interested in providing the following:

SPRAY TRUCK

BIDS *MUST* BE RECEIVED BY:

4:00 P.M. LOCAL TIME ON Tuesday April 30, 2013

TO BE OPENED AT: 9:30 AM LOCAL TIME ON Wednesday May 1, 2013

**PLEASE MARK YOUR ENVELOPE "SEALED BID #201303-218"
RETURN ONE (1) ORIGINAL AND THREE (3) COPIES TO:**

Taney County Purchasing Department
Attn: Ron Erickson, Director of Purchasing
132 David Street / P. O. Box 1630
Forsyth, Missouri 65653

PHONE: 417-546-7281 / FAX: 417-546-3931

rone@co.taney.mo.us

The undersigned certifies that they have the authority to bind this company in an agreement to supply the commodity or service in accordance with all terms, conditions, and pricing specified herein or to offer a "no Bid." Please type or print the information below. Bidder is REQUIRED to complete, sign and return this form, as well as all pages of this RFB – initialed, with their submittal of Bid. * An authorized signature is **mandatory**, lack thereof will result in a determination of "Non-Responsive". Also required is a direct email address in order to receive award results. We do not use USPS for direct results notification *only* email. In addition final results will later be posted on our website at: www.taneycounty.org. Please do not call for results.

<hr/>		<hr/>	
Company Name		Authorized Person (Print)	
<hr/>		<hr/>	
Address		Signature	
<hr/>		<hr/>	
City/County/State/Zip		Title	
<hr/>		<hr/>	
Telephone #	Fax #	Date	Tax ID #
<hr/>		<hr/>	
E-mail		Entity Type (Corporation, LLC, Sole Proprietor, Partnership)	

INSTRUCTIONS AND GENERAL CONDITIONS

- 1) **Delivery of:** Sealed Bids, subject to Instructions and General Conditions and any special conditions set forth herein, will be received at the Taney County Purchasing Office until the Bid closing date and time indicated herein for furnishing the County with goods, and or, services as detailed in the following Request for Bid.
- 2) **Closing:** Sealed Bids must be delivered before 4:00 P.M. central time on Tuesday April 30, 2013 to the Taney County Purchasing Department as listed on page one. Bidders should take into account all possible risks of their Bid not arriving in time when electing to mail in Bids too close to the above closing date. Often the Post Office leaves a “pick up slip” in our PO Box which may / may not allow us time to retrieve said item. It is the Bidders responsibility, not the county, nor the Post Office – to ensure their sealed Bids are **delivered** in time – to the Purchasing Department. (Be extra careful when your Bid response involves a large package or box.)
- 3) The County will not accept any Bids received after the above listed closing date/time and will consider such late Bids as **NON-RESPONSIVE**. They will either be; filed, returned, or discarded.
- 4) Bids will be opened publicly at 9:30 AM on May 1, 2013 and read aloud. All Bid responses will be considered public information as soon as they are opened and become a part of public record to be released to any person or firm that requests it.
- 5) Bids may be withdrawn on written request from the Offeror at the address shown in this RFB prior to the time of acceptance of the Bid.
- 6) Bids **must** be submitted in a sealed envelope identified with the Bid number and dates of closing & opening. List the Bid number on the outside of the box or envelope and note “Response to Request for Bid enclosed”. Also include a return name & address. **No fax or electronic transmitted Bids will be accepted.**
- 7) If you do not want to submit a Bid, please return the *No Bid Response Form* on page # 11 of this package, and note your reason.
- 8) This County is not responsible for any expenses which proposers may incur in estimating, inspecting, nor preparing and submitting Bids called for in this Request for Bid.
- 9) The County reserves the right to conduct personal interviews or require presentations of any or all proposers prior to selection. The County will not be liable for any costs incurred by the proposer in connection with such interviews or presentations (i.e. travel accommodations, etc.)
- 10) All Bids submitted shall be binding, and remain firm for ninety (90) calendar days following the opening. Pricing / Costs submitted within this response **MUST BE HONORED** within that set timeframe, **NO EXCEPTIONS**. Offerors should NOT respond unless certain on this point.
- 11) The Taney County Commission reserves the right to reject any or all Bids, when such rejection is in the best interest of the County.
- 12) Bids may be awarded to one company or multiple companies; when such award is deemed in the best interest of the County.
- 13) County standard payment terms are Net 30 after receipt of invoice.
- 14) This agreement shall take effect upon the approval by the Taney County Commission.


INTRODUCTION AND GENERAL INFORMATION

Introduction:

This document constitutes a request for sealed Bids for a **SPRAY TRUCK** as set forth herein.

- 1) Organization – This document, referred to as a Request for Bid (RFB), is divided into the following parts:
 - Instructions and General Conditions
 - Introduction and General Information
 - Specifications
 - Bid Page / No Bid Response Form
 - Standard Terms and Conditions
 - Miscellaneous Bidding Process Information

Guidelines for Written Questions:

- 1) All questions regarding this Request for Bid shall be submitted in writing, **prior to the Bid opening** and no later than **9:00 AM Wednesday April 24, 2013**. All questions must be emailed to; **Ron Erickson, Director of Purchasing**. (rone@co.taney.mo.us)
- 2) All such questions will be answered in writing, and such answers will be provided to all parties having obtained a Request for Bid packet by the County posting the addendum on the Taney County Web site at: www.taneycounty.org one full week prior to Bid opening date.
- 3) Once at our website click on: . Any/all addenda will be attached at the end of the posted Bid. An indication, in red, will alert visitors as to the presence of any addenda.
- 4) In the event that it becomes necessary to revise any part of this RFB, written addenda will be issued. Any addendum to this RFB is valid only if in writing and issued by the Taney County Purchasing Department.
- 5) **Timeline:** The County anticipates a contract award following the evaluation of all Bid responses within **45 days from the RFB opening date and completion**. These dates are provided for informational purposes and may change as requirements dictate.
- 6) **Sunshine Laws:** Due to applicable sunshine laws and regulations concerning public documents, all Bid responses will be considered public information as soon as they are opened and become a part of public record releasable to any person or firm that requests it. Requests for copies, of Bid responses, must be made through the Taney County Clerk's Office (417-546-7202) requiring a Public Service Request Form (PSR). By law charges for time spent as well as a cost per page apply. Payment for copying fees is required prior to the making of copies. (*Section 610.026, RSMo.*)

SPECIFICATIONS:

The Taney County Road & Bridge Department is seeking sealed Bids for a **SPRAY TRUCK** at the **Best / Lowest** price – per the specifications below. The county will purchase a brand new complete unit. Vendors are asked not to submit responses to only one or two aspects / components, please respond only with a complete package / offer.

For questions concerning **actual required specifications, or any other technical questions**, please contact:

Randy Haes,
Coordinator
Taney County Road & Bridge
417-546-7268 (off) / 417-546-7924 (cell)
randyh@co.taney.mo.us

***Taney County Road & Bridge Specifications on a Chassis for
 Spray Truck***

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
MODEL Current year production. All steel low cab forward BBC 70.7 inch, 45° mechanical tilt with torsion assist.		
GVWR 14,500 lbs (6577 kg) capacity.		
ENGINE Diesel engine 317 CID(5.19L), 215 HP at 2550 RPM: 452 ft-lb gross torque at 1850 RPM. 4 cylinders, 16 valves, four cycles, overhead cam, turbocharged, inter-cooled, engine cruise control and idle up function. Oil level check switch w/ light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level.		
AIR CLEANER Dry Paper single element (Donaldson brand). Air cleaner canister standard with air restriction gauge.		
ALTERNATOR 110 AMP with integral regulator.		
BATTERY Dual 12-V maintenance free, 750 CCA each.		
TRANSMISSION Automatic, Aisin A465 6-speed.		
EXHAUST BRAKE Vacuum operated exhaust brake.		
EXHAUST SYSTEM Single horizontal with DPF (Diesel Particulate Filter).		
AIR CONDITIONING		
BLOCK HEATER Engine block heater 120v, 600w.		
FRONT AXLE Reverse Elliot "I"-beam rated at 6830 lbs. (3098 kg). Includes Integra hydraulic power steering.		
FRONT SUSPENSION 8440 lbs. (3828 kg) capacity. Semi-elliptical tapered leaf springs. Includes shock Absorbers and stabilizer bar.		
REAR AXLE R066, full-floating single-speed, 14,550 lbs. (6600 kg) capacity with oil lubricated rear wheel bearings.		
REAR AXLE RATIO 4.56		
REAR SUSPENSION 9880 lbs. (4481 kg) capacity. Semi-elliptical main and auxiliary multi-leaf springs. Includes shock absorbers.		
REAR GAWR 9880 lbs (4481 kg) capacity.		

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
BRAKE SYSTEM Dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution). Disc front and self-adjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi-metallic linings. 4 channel anti-lock brake system.		
FRONT WHEELS 16" x 6", 6-hole disc, painted white.		
FRONT TIRES 215/85R16E (10 ply) tubeless all season.		
REAR WHEELS 16" x 6", 6-hole disc, painted white.		
REAR TIRES 215/85R16E (10 ply) tubeless all season radial.		
WHEELBASE 132.5" (336.6 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu. in. and RBM 316,800 lb-ft/in per rail.		
FUEL TANK 30-gallon (113.6L) rectangular fuel tank. Mounted between frame rail through the rail fuel fill. Fuel water separator with dash mounted warning light.		
COLOR 729 Arc White. Solid paint scheme.		
DAYTIME RUNNING LAMPS		
WINDOWS Power with tinted glass.		
MIRRORS Dual cab mounted exterior with integral convex mirror.		
WINDSHIELD WIPERS Intermittent wet-arm.		
RADIO AM/FM with CD player.		
MULTI FUNCTION DISPLAY (MID) (monitors vital functions including diesel exhaust fluid levels (DEF), particulate matter Emissions level in the diesel particulate filter (DPF),diesel particulate filter regeneration, service reminders for engine oil, transmission oil, differential oil, power steering fluid, engine oil filter, and fuel filters. The MID provides fuel economy reporting by average, instant, and trip.) Vehicle Health Report monitors the trucks performance, and driver behavior. Reports (dealer service) provide detailed information on engine operation, braking, emissions, fuel economy, acceleration & deceleration frequency, idling, and speed history.		
SEATS/INTERIOR Very dark pewter. Tricot and jersey knit combination cloth covered reclining high-back driver seat with single two occupant fold down.		
FLOOR MATS		
FIRE EXTINGUISHER & TRIANGLE KIT Mounted in rear organizer.		
DUAL STEERING Dual Steer - Sit Down -Cross shaft w/gauge package for right side drive. MTE gauge package includes: Steel housing painted gray Speedometer Air press gauge, dual indicators 4 in 1 cluster - eng temp.; eng oil press; volts, trans temp. Indicator lights for parking brake engagement, Hi-beam, activation. Adjustable seat to replace stationary seat.		

ADDITIONAL OPTIONS:

Taney County Road & Bridge Specifications on a Chassis Mounted Road Sprayer

It is the intent of these specifications to describe a complete and operable roadside spraying system for the controlled application of herbicides. The sprayer manufacturer or their local franchised dealer will install the system on a suitable chassis.

Only new (unused) current standard production models built for the U.S. market will be considered acceptable. Printed literature and specifications describing equipment as offered must be included with proposal. Any new features and improvements offered as standard or required for the intended use of the specified equipment will be supplied. All accessories required by these specifications shall be identical in quality and design to those normally supplied and installed for sale through regular commercial channels.

NOTE: Upon receipt of an order the vendor will provide a detailed drawing of the custom flatbed with components as specified. The drawing must show the precise size and mounting location for all specified components as dictated by chassis GVW, bed dimensions and convenience of operation.

NOTE: Any bidder exceptions to the specifications will be annotated fully in the "VARIANCE / EXPLANATION" column.

To be a Norstar RS6000-G Roadside Sprayer or equal.

Make and Model Bid _____

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
<p>Specification Compliance: Requires a manufacture (vendor) offering their standard production model to provide a list with a minimum of three customers currently using equipment as described in these specifications.</p>		
<p>General Description: The basic spray system shall include a water tank centrifugal sprayer pump, chemical tank(s), custom flatbed, boomless spray head(s) and a computerized chemical injection control and pumping system. All components in the water and chemical systems must be non-corrosive type, compatible with chemicals currently used in herbicide vegetation management program.</p> <p>1a. Water Tank: Shall be white in color, round or elliptical shaped with five hundred gallon capacity (no exception). The tank shall have a removable, anti-surge "Butterfly Baffle" system that reduces tank volume by no more than 1.5%. Bolt-in baffles or tank indentations will not be acceptable substitutes. The tank and baffle material must be UV stabilized polyethylene. The tank will be secured to a chassis mounted flatbed with two heavy duty, galvanized, tubular steel bands. The bolts securing the bands to the flatbed must pass through the flatbed deck and bed cross-members. The bands must provide adequate support for continuous off-road operation. The tank lid must be 16-in diameter minimum, positive locking types with an air vent to prevent damage from excessive pressure or vacuum. The feed lines between the water tank and sprayer pump will include 1 1/4-in. chrome plated brass ball valves mounted at each end of the tank (close as possible to the bottom) and a third installed at the lowest point in the lines to drain the tank. The tank valves must be mounted direct to the tank with bulkhead fittings. It must be possible to open and close both tank valves from the right side (curb) of the truck while standing on the ground. Hose from the tank valves will be connected to a single pump feed line under the flatbed deck. All hose between the tank and water pump shall be 1 1/4-in., non-collapsible suction type.</p>		
<p>1b. Water Tank Fill: To be a 2-in. minimum line installed to fill through the tank lid with a 4-in. minimum anti-siphon air gap. The fill line must run under the flatbed deck to a convenient curbside location. A 2-in. "Y"-strainer must be installed in the fill line at a location that allows easy access. The fill hose connection will be a 2-in. male camlock with cap and retainer chain. Loading hose shall be a 25-ft. by 2-in. mill hose with 2-in. female and male camlock type fittings.</p>		
<p>2a. Sprayer Water Pump: Shall be a Hypro model 9203C centrifugal with 1½-in. inlet. The pump must be capable of producing 90-PSI and 60 GPM. The pump inlet, outlet and chemical injection point fittings must be brass or stainless steel (no exceptions). A suction strainer with 30-mesh stainless steel screen will be installed on the inlet side of the water pump. A high-pressure filter, with 50-mesh screen will be installed in the pump discharge line as close to the pump as practical (prior to the pressure reducing valves). The pumping system shall maintain water pressure at a constant level as required for the intended use. Mounting location for the water pump and related components must not limit access for normal maintenance.</p>		

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
<p>2b. Water Pump Power: Shall be supplied by a nine horsepower, Honda Model GX270QAE gas engine with electric start/stop in the cab control center. The water pump will be belt-driven from the engine utilizing a direct mount, heavy-duty, 12-volt DC electromagnetic clutch. Clutch power will be through a pump on/off switch in the cab control center. The water pump and motor assembly must be mounted on a removable base attached to the motor well floor with vibration dampers. There must be adjustment slots uniformly cut in the mounting base to allow drive belt adjustment. The motor mounting location will not limit access for normal maintenance. All belts, pulleys, shafts, etc. Must have safety guards.</p>		
<p>3. "Boomless" Nutating Spray Head(s): Shall be Norstar Model NSC-20108 (no exception) with remote controlled swing (in out) and 30-degree tilt (up down). The spray head(s) will be attached to a 2 1/2-in., schedule-40 steel pipe swing post that mount in a heavy-duty greaseable socket installed securely in the front right and left corner(s) of the flatbed deck. The socket(s) will include a breakaway feature with manual brake adjustment. The spray head must produce a 28-ft. wide minimum (horizontal plane), no-streak spray pattern, using all brass or stainless steel, solid stream nozzles (plastic nozzles are not acceptable). The spray head must have seven (7) adjustable nozzle assemblies that produce individual spray swaths with widths of 2-ft., 2-ft., 4-ft., 4-ft., 4-ft., 6-ft., and 6-ft. The first four- (4) nozzle 3."Boomless" Nutating Spray Head(s) (Cont.): assemblies must nutate at 45 Hz to produce uniform (no streak) spray patterns for a combined coverage of 12-feet. The nozzles must be sized for a total application rate of 25 or 35 gallons per acre at 11 MPH. The spray head assembly will include nine (9) Spraying Systems Model 144 direct acting solenoid valves, (diaphragm type solenoids are not acceptable), and nine (9) 1/2-in pressure regulators with 2 1/2-in. diameter liquid filled gauges. All spray head hose connections at the solenoid-regulator assembly must include 3/4-in. camlock quick disconnects. The solenoid-regulator assembly will be stacked vertically in a steel panel and securely attached to the flatbed deck and cab shield. The spray head will have large removable metal side panels to reduce wind shear and protect components from roadside obstructions.</p>		
<p>4a. Cone Bottom Chemical Tank(s): The tanks must be ultra-violet stabilized and have 10-in. diameter positive locking lids. Molded gallonage markers shall be easily visible on the tanks. Three (3) 3/4-in. brass ball valves (full open) shall be installed at the bottom of each tank. The shut-off valve for the tanks will be hard plumbed directly to the tank bottom (no exception). The second valve will be installed as a shut off to the chemical pump. The third valve will be installed as a tank drain. Each tank will be mounted in a stand on a heavy duty base plate and secured with a 1/8-in. by 4-in. adjustable steel band around the top, vertical portion of the tank. All tanks shall have low level sensors with indicator lights in the cab control center. The tanks required are ___ gallon and ___ gallon (minimum).</p>		
<p>4b. Chemical Tank Agitators: Chemical Tank Agitators: Will be Norstar NSC-40570-V2 series with 12 VDC drive motors mounted to the tank stand. Through the tank lid type agitators are unacceptable. The propeller shaft and propeller must be 304 stainless steel. The agitators shall be cab controlled on-off, with high and low speed. All cone tanks will have agitators.</p>		
<p>5. Closed Chemical Tank Loading System: Will be a Norstar NSC-90158 with a 10GPM pump and flow meter installed as an integral part of the sprayer. The controls will be located for convenient operation while standing on the ground. All chemical tanks will be plumbed for bottom filling. The chemical tanks and the water tank shall be plumbed to the "Closed Loading Station" with 3/4-in hose. The "Closed Loading Station" will include individual 1-in. poly ball valves for each chemical tank and the water tank. The ball valves will direct chemical or water to the desired chemical tank, transfer products between chemical tanks, and off-load chemical from chemical tanks. The valves will be clearly labeled for function and action. The loading pump shall be a dual diaphragm, self-priming type with thermal-overload 5. Closed Chemical Tank Loading System (Cont.): protection. Each of the diaphragms will have two inlet and outlet check valves. The flow meter for the closed loading system shall have a liquid crystal display and air sensing capability to distinguish between air and liquid flow. The system will include a 3/4-in. by 12-ft. long suction/discharge hose with 4-ft. long, plastic, remote tank extraction probe. The suction and discharge hose will have a 1-in. dripless, male quick disconnect matching the inlet/outlet at the closed loading station.</p>		

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
<p>6a. Cab Control Center: Must have a chemical injection control console and separate mechanical component control console (no exception). Both consoles will be installed inside a steel framework attach to a double articulated arm. The flexibility of the arm must allow either the driver or passenger to operate controls conveniently. The arm shall be securely attached to a floor mounted 3-in. square steel pedestal. The pedestal shall include necessary bracing and a heavy-duty steel base plate to minimize vibration. All control cables connecting the control center to sprayer components will be run through the pedestal. The control center electrical system and related components will not require any additional power source or storage capacity other than that which is normally supplied as heavy-duty from the chassis manufacture. It will be possible to easily service or replace the mechanical console without opening, removing or disturbing the computer console. All spray system controls must be in the mechanical or computer-console (no exception).</p>		
<p>6b. Computer Console: Will be a Norstar TASC Model _____. The console must operate a minimum of ____ chemical injection pumps and automatically maintain operator programmed output rates at plus or minus 2% for each pump. When spray width or vehicle speeds change the computer will adjust the speed (output) of the injection pump(s) within 5 tenths of a second. A truck frame mounted radar unit will provide the computer with ground speed and distance input. The computer must be capable of maintaining primary and secondary application rates for each chemical injection pump and allow preprogrammed application rates and spray widths to be changed on the go. Included in the console shall be nine (9) spray head solenoid indicator lights that operate in conjunction with solenoid switches in the mechanical console. Each of the nine spray head/boom sections must be programmable in 1-inch increments from 0 to 99 feet.</p> <p>1. During normal operation the computer will display the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Actual and simulated test speed of vehicle. <input type="checkbox"/> Total area sprayed in acres. <input type="checkbox"/> Total chemical dispensed by each injection pump. <input type="checkbox"/> Primary and alternate application rates for each chemical injection pump in ounces per acre. <p>6b. Computer Console (Cont.):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Total volume of carrier and chemical dispensed. <input type="checkbox"/> Width of individual spray head/boom sections. <input type="checkbox"/> Distance traveled in feet-miles. <input type="checkbox"/> Automatically scan information available on LCD screen. <p>2. The computer will display the following fault diagnostic information:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Malfunctioning chemical pump. <input type="checkbox"/> Chemical pumps shutdown. <input type="checkbox"/> Chemical pumps operating to slow or too fast. <input type="checkbox"/> Low voltage. 		
<p>6c. Mechanical Control Console: To be a Norstar RS6000 with switches for dual spray head tilt and fold, beacon light(s), water pump on/off, nine spray width solenoid switches, six chemical tank level indicators and six chemical tank agitators that have high/low speed. All switches will be labeled for function and action and include indicator lights. Tape type (Dymo) labels will not be acceptable.</p>		
<p>7. Chemical Injection Pumping System: Will be achieved with computer controlled, DC powered, peristaltic pumps (no exception). The pump drive motors and controllers will be protected with rugged weather tight enclosures. The pumps will inject chemicals directly into the carrier (water) at the inlet of the water pump. The required pumps are _____ Mid-Tech Legacy Model MT 500 with a range of 0-350 ounces per minute. A 3-way ball valve will be installed in each chemical pump pressure line to direct flow to the injection point or calibration port. Each pump will include one each 3/16, 1/4, 3/8 and 1/2 inch color coded hoses.</p>		
<p>8. Plumbing: All hose and fittings will be rated to exceed by 50 percent any maximum operating pressures possible in their respective systems. Any hoses installed in locations where chaffing or other damage might occur must have protective coverings. All hose and fittings will be adequately supported and secured throughout the system.</p>		

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
<p>9a. LCG Flatbed: Will be designed and constructed for continuous off-road operation, low mount design _____ in. long by 98-in. wide. The bed height will be 8-in. maximum above the top of the truck frame rails. The bed deck will be 1/8-in. steel diamond plate. The outside bed rail shall be 3-in by 1 in. tubular steel. Cross members under the deck shall be 3-in. by 1.41 lbs. channel with the web installed vertically. The cross members will be spaced to provide the support necessary for all bed mounted components. The bed will have a sprayer pump well in front of the rear wheels and _____ behind the rear wheels for the chemical concentrate tanks. The wells will be a minimum of 20-in. deep (top to bottom) by 20-in. wide (inside to outside). A 9a. LCG Flatbed (Cont.): 78-in. wide full height cab shield will be installed at the front of the bed. The cab shield will have a 1½-in. minimum, square steel-tube frame. A 3/4-in. by 9F gauge expanded metal window will extend from the top of the cab shield to approximately 6-in. below the bottom of the rear window. The rear of the bed must include a full-width, Grip-Strut step. All clearance lights will be LED type.</p>		
<p>Flatbed Finish: Sandblast and finished with black powder coating.</p>		
<p>10. Warranty: Will cover parts and service for a minimum of one-year. Any components with a longer manufacturer warranty will be listed. Additionally the vendor must provide a loaner injection sprayer control (computer) or injection pump within 24 hours from the time user agency and manufacture (vendor), determine repairs cannot be made in the field (no exception). Vendor must operate full-time parts and service facility offering factory authorized service. All inspection coupons, certification cards, or warranty identification cards normally furnished to the trade in general accordance with standard warranty policy shall be supplied upon delivery of equipment.</p>		
<p>11. Manuals: One detailed set of parts, service and operators manuals will be delivered with the sprayer. A plumbing schematic detailing sprayer components and their location will be supplied at the time of installation and training.</p>		
<p>12. Training: Vendor will furnish a minimum of 16 hours training on operation and maintenance of the unit at a time and place designated by Taney County Road and Bridge.</p>		
<p>13. Delivery:</p>		
<p>NOTE: Manufacture (vendor) must provide proof of insurance with bid proposal if chassis is supplied by the customer. The minimum requirements for the vendor shall be garage keepers and liability insurance coverage while they are transporting the chassis or it is in their possession.</p>		

OPTIONAL FEATURES (Priced Separately)		
ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
<p>1. Handgun Hose Reel Assembly: Shall include a _____ hose reel, with hose roller guide (if electric or spring rewind), _____ ft. of 600 PSI, 1/2-in. I.D. chemical resistant hose and 43L handgun. A Norstar NSC-6520 or pre-approved equal flow switch will be installed in the handgun feed line to turn chemical injection pumps off when handgun trigger is released. A 1/2-in. brass ball valve must be installed in the hose reel feed line prior to the flow switch.</p>		
<p>2. Second Spray Head Mounting Socket: Shall include with all quick disconnects, hoses and electrical connections required for transferring and operating a single spray head on either side of bed.</p>		
<p>3. Second Boomless Spray head: Shall be a Norstar NSC-20111 with all features required to operate spray heads either individually or simultaneously. This will include, but not be limited to hoses, 3-way ball valves, hose quick disconnect and electrical connections. (Includes second spray head mounting socket).</p>		
<p>4. Guardrail Nozzle: Two adjustable height _____ nozzles on swivels shall be mounted below the spray head mounting-socket. These nozzles will cover the area forward and to the rear of sign and guardrail posts.</p>		
<p>5. Spray Bar: Shall be a 1/2-in. by 8-ft. brass tube with four (4) each brass ball valves, check valves, and nozzles mounted behind the rear wheels. Each nozzle will produce a 2 1/4-ft. spray width for a total of 9-ft.</p>		

ITEM / OPTION	AS SPECIFIED (YES/NO)	VARIANCE / EXPLANATION
<p>6. Hand Wash Tank: Shall be 12-gallon polyethylene tank, mounted on deck in a convenient location with an on/off valve installed under the bed on the right side.</p>		
<p>7. Eye Wash: Shall be a self-contained type, with 16-gallon capacity. The eye wash unit and the installation shall be in accordance with American National standards Institute (ANSI) Z358.1-10981 Section 5.</p>		
<p>8. Field Maintenance and Calibration Kit: Shall include one (1) set chemical pump tubes per pump, one (1) pt. tube lube, nozzle pressure test kit, assorted hose clamps, two (2) solenoid valve repair kits, calibration container, water tank bag filter, sprayer pump filter screens, miscellaneous gaskets and electrical fuses, four (4) nylon spray head nozzle elbows and a clear vinyl calibration hose. All items will be contained in a heavy-duty, corrosive resistant plastic toolbox.</p>		
<p>9. Slow Moving Placard: Shall be a reflective orange triangle with a red border identifying the spray truck as a "Slow Moving Vehicle". It shall be mounted so that the placard can be reversed when operating vehicle at normal highway speed.</p>		
<p>10. Warning Lights: Shall be pedestal mounted on top of cab shield with on/off switch in mechanical control console. Make and model of light(s) must be: _____.</p>		
<p>11. Work Light(s): Shall be adjustable, halogen spot type mounted _____.</p>		
<p>12. Spill Kit: Shall be a Norstar Model NSC-92000 which includes a 20 gallon DOT approved salvage drum, six (6) 3-in. by 4-ft. multi-purpose absorbent socks, twenty (20) general purpose absorbent pads, one (1) pair of safety goggles, one (1) pair of nitrile gloves, one (1) tyvek suit, one (1) medium half face respirator with chemical and dust cartridges, two (2) 30 gallon. 4 mil disposal bags.</p>		
<p>13. GPS System: Shall include a Legacy L6K Console with RMS EXT software, Mid-Tech Data Link, RX370 GPS receiver, and RMS Desktop and keyboard.</p>		
<p>14. Anti-Icing Spray System: Shall include all components necessary to apply common liquid anti-icing chemicals on the roadway at ___gallons per lane mile with the carrier traveling at 30 MPH. The system must be plumbed in a manner that totally isolates the chemical injection pumping system, solenoid-regulator assembly, boomless spray head and handgun from anti-icing chemicals. The water tank will require a jet agitation (by-pass). Flow sensing and metering shall be achieved with a ___-in., straight-through, flow meter and Auto-Range valve. The Auto-Range valve must control by-pass and product flows simultaneously (no exception). The adjustable height (24-in.) anti-icing distributor bar shall be installed at the rear of chassis with the components necessary for application on the lane directly behind the carrier. The bar shall be a 2-in.diameter by 7-ft long, 304 stainless steel tube with eight nozzles mounted on 11-in. centers maximum (no exception). The nozzles must be full-range variable orifice types, with low-pressure shutoff. The nozzles must be constructed with corrosion resistant materials that include a Delrin body and cap, stainless steel spring and Buna O-ring. In addition the 14. Anti-Icing Spray System (Cont.): bar shall include 1 1/4-in. clean out plugs and fittings to accept nozzle manifolds for additional lane coverage. The bar assembly will have a 12-volt, quick acting (25 RPM 0.6 second fully open to close) glass filled polypropylene valve with a polished stainless steel trunnion-style ball. The valve shall have a minimum pressure rating of 150 PSI and a flow rate of 100 GPM with a maximum 5 PSI pressure drop. The inlet/outlet valve ports will be 50 series flange fittings. The valve will be mounted on the distributor bar for easy access. All necessary disconnects will be included.</p>		
<p>15. Additional Lane Coverage: Shall include ___ nozzle manifold and 12-volt on/off valve assembly. The manifold(s) shall be mounted vertically on threaded fittings at the end of the main distributor bar. The manifold shall be 2-in. diameter by 10-in. long, 304 stainless steel tube that includes eight variable orifice nozzles (same as in the center lane distributor bar).</p>		
<p>16. Drift Control Injection: 12 Gallon poly tank, 1/2 " ball valve, 12 volt DC diaphragm pump and manual flow control valve located on the curb side with access when standing on the ground. An on/off switch located at pump with the switch in the on position, pump will run when the spray head nutating motor is activated.</p>		

Pricing, or costs, MUST be entered as a GRAND TOTAL on the line provided BELOW.

BID PAGE

Bidder must complete the following section in its entirety, and sign and date where indicated on page #1. This agreement shall take effect upon the approval by the Taney County Commission.

- A. ACCEPTANCE OF BID BY COUNTY: The County shall have a minimum of 90 calendar days from the date of the opening to accept bidder's offer.
- B. County standard payment terms are Net 30 after receipt of invoice.
State any discounts offered: _____
- C. Response time/delivery: _____
(After receipt of order)
- D. Submittals - The following must be submitted with bid:
 - 1. References and experience
 - 2. Key personnel
 - 3. Warranty
 - 4. Descriptive literature
- E. Total Price: \$ _____

NO BID RESPONSE FORM

NOTE: Complete and return this section only if you do not want to submit a Bid. If you do not wish to respond to this RFB, please fill this form out and return it to the Purchasing Department by mail or fax.

Thank you...

RFB# 201303-218 Spray Truck

Business Name:	
Address:	
Telephone:	
Contact Person:	
Date:	
Reason(s) for not Bidding:	

See following pages for Terms & Conditions and other helpful information which apply appropriately as needed specifically to items or services required within this Bid.



STANDARD TERMS AND CONDITIONS

1. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Taney County Department identified in this Request for Bid.
2. The Taney County Commission has the right to accept or reject any part or parts of all Bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Taney County reserves the right to award this Bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
3. Bidders must use the Bid forms provided for the purpose of submitting Bids, must return the Bid and Bid sheets comprised in this Bid, give the unit price, extended totals, and **sign the Bid**.
4. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
5. **Do not include Federal Excise Tax or Sales and Use Taxes in Bid process, as law exempts the County from them.**
6. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the Bid.
7. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
8. In case of default by the Contractor, the County of Taney will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
9. Failure to deliver as guaranteed may disqualify Bidder from future Bidding.
10. Prices must be as stated in units of quantity specified, and must be firm.
11. No Bid transmitted by fax machine or e-mail will be accepted.
12. The County of Taney, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is **accepted** by the County.
13. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. (Cooperative Purchase.)
14. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the Federal Transit Administration's Best Practices Procurement Manual – Appendix A. Any questions regarding the applicability of federal clauses to a particular Bid should be directed to the Purchasing Department prior to Bid opening.
15. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
16. Should an audit of Contractors invoices – during the term of the Agreement, and any renewals thereof, indicate that Taney County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30 days of being notified of the same.

MISCELLANEOUS BIDDING PROCESS INFORMATION

The Purchasing Department is responsible for the Bid opening at the time and place noted in the request. If a Vendor is interested in a copy of the Bid tabulation they must include a direct email address, not website, in order to receive results. Obviously sealed Bids cannot be emailed so they must either be delivered by hand, courier, or USPS. (Please note USPS concerns on page #2, item #2.)

A formal invitation for Bid is utilized when the total purchase exceeds \$4,500. The County also uses this method when the life of a term and supply contract is valued more than \$4,500. The Bid Package will contain well-defined standard technical specifications for the nature of the service or product requested. A formal closing date and time is specified. The Bidder must comply with this requirement in order to be considered for award. All Formal Invitations for Bid are handled by the Taney County Purchasing Department. Technical specifications are the responsibility of the specific requesting department.

Bid Response Tips:

1. Read ALL Bid documents immediately upon receipt. Note any special dates or requirements.
2. Contact the Taney County Purchasing Department with any questions relating to the Bid seven days prior to the Bid opening. (Email ONLY to: rone@co.taney.mo.us.)
3. Use ink to fill in all blanks clearly. (If I can't read your handwriting your Bid **will** be rejected.)
4. Remember to supply the required number of copies, marking copies vs. original.
5. Turn your Bid in as soon as possible. The deadline dates and times are strictly adhered to. The County cannot accept any late Bids. In the event of only one Bid response the County may reject the entire Bid and re-let it hoping for more participation.
6. Attend pre-Bid conferences, if any. (Most are Mandatory.)
7. Pay close attention to the terms *must*, *shall*, *should* or *may*. **READ EVERYTHING.**
8. Include an updated **W-9** form completed with your company information and signature.
9. Include, if applicable, a current level of **prevailing wage** considerations within your Bid.
10. Remember to sign the Bid sheet as this is mandatory.

Please Note...

There are several steps, requirements and legalities which must be followed when engaging in an effort to respond to any certain Bid. Here I hope I have served to assist any/all participants in making sure everyone has a fair and pleasant experience with my County. Please keep in mind that it is entirely possible that this sheet, along with all of the other information as detailed within this Bid, may NOT include everything to cover every possible situation. Should that occur please let me know.

Thank you for your interest in Taney County Missouri.

Sincerely,



A handwritten signature in blue ink that reads "Ron Erickson".

RON ERICKSON
Director of Purchasing
Taney County Missouri
rone@co.taney.mo.us
www.taneycounty.org
417-294-7863 (Cell)