



LEGAL NOTICE

REQUEST FOR BID
SEALED BID 11-012

For

Truck Mounted 220 Gallon Air Atomizing Application Striping Unit
For

ST. CHARLES COUNTY GOVERNMENT
ST. CHARLES, MISSOURI

St. Charles County is seeking bids for **Truck Mounted 220 Gallon Air Atomizing Application Striping Unit**. The county reserves the right to terminate the contract for any violation, by the successful bidder, of any term or condition of the contract by giving thirty (30) days written notice stating the reasons therefore and giving the party time to remedy any deficiencies.

BID INSTRUCTIONS

One original and one [1] signed copies of the bid must be received in a sealed envelope plainly marked “**11-012 Truck Mounted 220 Gallon Air Atomizing Application Striping Unit**” with the date and time of the bid opening in the lower left corner of the envelope.

An authorized representative of the company/person submitting the bid must sign the bid, in blue ink.

Bids must be submitted to the St. Charles County Finance Department, 201 North Second Street Room 541 St. Charles MO 63301 prior to the bid opening.

Bid opening will be on 1/19/2011 at 10:00 AM , in **Room 537** of the St. Charles County Administration Building, 201 North Second Street, St. Charles, MO 63301.

St. Charles County reserves the right to accept and/or reject any and all bids.

Bid results may be obtained by emailing a request to the St. Charles County Purchasing Manager at purchasing@sccmo.org, **no phone calls please**. Include the name and number of the bid and date of the bid opening when requesting the results. The time it takes for final bid results to be made public depends on the complexity of the project and the cost of the project.

BID INQUIRIES

Any questions or clarifications concerning this Request for Bid must be submitted in writing via E-mail (preferred), mail or fax to:

Rick Hooker, Purchasing Manager
St. Charles County Government
Finance Department
201 North Second St
St. Charles, Missouri 63301
Fax: (636)949-7589
purchasing@sccmo.org

- The bid number and title shall be referenced on all correspondence.
- All questions must be received no later than **5:00 PM** on **01/13/2011**. Any question received after this deadline may not be answered.

Responses to questions/clarifications will be placed on the County’s website www.sccmo.org/businesses/. Check this website frequently for updates and any addendum that are issued.

TERMS AND CONDITIONS

- St. Charles County reserves the right to reject any and all bids or parts of a bid and waive technicalities, and to adjust quantities.
- All bids will be considered final. No additions, deletions, corrections, or adjustments will be accepted after the time of bid opening.
- All delivery costs or charges must be included in the F.O.B. destination bid price.
- City, County and State of Missouri Sales Tax and Federal Taxes are not applicable to sales made to St. Charles County and must be excluded.
- The contract shall be effective for the approximate twelve (12) month period from the date of the notice of award.
- The electronic version of this bid/RFP is available upon request. The document was entered into WORD for Microsoft Windows. The Purchasing Office does not guarantee the completeness and accuracy of any information provided on the electronic version. Therefore, respondents are cautioned that the hard copy of this bid/RFP on file in the Purchasing Office governs in the event of a discrepancy between the information contained in or on the electronic version and that which is on the hard copy.
- Vendors are required to clearly identify any deviations from the specifications in this document.
- An authorized officer of the company submitting the bid must sign all bids, in blue ink.
- Vendors must submit two [2] signed copies of their bid; one is to be an original and so marked.
- All prices and notations must be in blue ink or typewritten on the attached form. Mistakes must be crossed out, corrections typed adjacent and must be initialed in blue ink by the person signing the bid.
- St. Charles County will not award any bid to an individual or business having any outstanding amounts due from a prior Contract or business relationship with the County or who owes any amount(s) for delinquent taxes, fees or licenses.
- Sealed proposals received after the designated time of the receipt of the sealed proposals will be considered as “No Bid” and “Void” and will not be opened.
- The successful bidder is specifically denied the right of using in any form or medium the names of St. Charles County or any other public entity within the St. Charles County for public advertising unless express written permission is granted.

- All bidders must possess the necessary and appropriate business and/or professional licenses in their field.
- Award will be made to the low responsive, responsible bidder, or to the offeror whose proposal is most advantageous to the County, price and other factors considered. When payments are to be made to the County, award will be made to the most advantageous offer.
- County reserves the right to accept any item or group of items offered, unless the bidder qualifies his bid by specific limitations. The bid can be on an "all or none" basis if wording in the bid so states and if all items solicited are included in the bid.
- When applicable, provide unit prices and extension prices. Where there is disagreement in the unit and extension prices, the unit price shall govern.

Open Records

Any and all information contained in or submitted with the bid becomes a public record subject to the Missouri Sunshine Law when the bids are opened. If the bidder believes that any information contained in or submitted with the bid is protected from disclosure by the Missouri Sunshine Law, the bidder must clearly identify what information the bidder believes is so protected and must also clearly identify the legal basis therefor.

BID SPECIFICATIONS

St. Charles County is seeking bids for **one (1) Truck Mounted 220 Gallon Air Atomizing Application Striping Unit** for the Highway Department.

Unless otherwise specified, any manufacturers' names, trade names, brand names, information and/or catalog numbers listed in this specification are descriptive, **not restrictive**. The bidder may offer any product that meets or exceeds the applicable specifications. The bidder must demonstrate comparability, by including appropriate catalog materials, literature, specifications, test data, etc. **The County shall determine in its sole discretion whether a product is acceptable as an equivalent.**

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
A. General				
1)	It is the intent and purpose of this specification to describe a truck-mounted self-contained air atomizing application-striping machine. The machine shall apply reflectorized lines utilizing a waterbase (latex) or low VOC traffic paint and glass beads. The equipment must be capable of applying this material at ambient temperatures of 50 degrees Fahrenheit on clean, dry pavement. The machine shall be capable of applying three (3) lines in two colors of this material, in either a solid or skip pattern, or combination of these patterns.			
2)	The machine shall operate in a range of five to twelve MPH. All truck parts and materials shall conform to the truck manufacturers' recommendations and the applicable Federal SAE Standards.			
3)	The overall vehicle height shall be approximately 11'-0".			
4)	The overall vehicle length shall not exceed 28 ft.			
B. Materials and Workmanship				
5)	All equipment furnished and the parts thereof shall be of the manufacturer's latest listed and published stock models, which meet all the applicable requirements of the specification.			
C. Guarantee				
6)	The machine shall be guaranteed against defective materials and workmanship for a period of 365 days after acceptance of the machine, if properly serviced, maintained and operated under normal conditions according to the manufacturer's instructions.			

7)	All guarantee claims (parts) will be repaired or replaced by the line striper manufacturer. All replacement parts shall be shipped to the user within one working day, if the parts are available. The vendor shall agree to sell all parts needed for the operating life of the equipment, which shall be a minimum of ten years.			
Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
8)	The manufacturer will assume no field expense for service or parts unless authorization is granted in advance.			
9)	The manufacturer will assume no liability for normal maintenance items, consumable or damage resulting from neglect or abuse of the equipment.			
	D. Finish			
10)	The complete machine and all components, including tanks, compressor, etc., shall have the following minimum protective coatings applied: one prime coat and one finish coat of paint, unless chromium plated or galvanized. The prime coat material shall be specifically compounded for the respective metals to which it is applied.			
11)	Finish Coat Color – WHITE – Cab and Components above platform, Black-components below platform, Martin Senour High Solids Urethane with Enhancer, or equal, unless otherwise stated.			
12)	All fasteners shall be chromium or cadmium plated.			
	CHASSIS			
	E. Chassis General			
13)	The chassis shall be a new automotive chassis assembled to meet the specific requirements of this specification.			
14)	Cab Type – Tilt Cab			
15)	Wheelbase – 147.6 Inches			
16)	GVWR – 25,995 Lbs			
17)	Frame – 26.6 cu. In. Section Modulus, 51,200 psi			
18)	Front Axle GAWR Suspension – 9,480 lbs semi-elliptic leaf springs			
19)	Rear Axle GAWR Suspension – 10,080 lbs, single speed. Proper gear ratio to allow a road speed of 65 mph Semi-elliptic leaf springs			
20)	Tires – 11R22.5-14 PR, Highway Tread			
21)	Wheels – 8.25 s 22.5, 10-hole steel disc wheels.			
22)	Engine – GH7, Inline 6-cylinder, Turbo Diesel, 245 HP @ 2500 RPM, exhaust brake, block heater			
23)	Transmission – Allison 2200RDS, 5-speed Automatic			

24)	Brakes – Air over Hydraulics, Drum Type, with Air Dryer Compressor – 12.4 cfm			
25)	Steering – Integral power steering			
26)	Electrical System – 160 amp alternator. 12 volt batteries. 1130 Total CCA			
27)	Cruise Control – Standard Highway Speeds			
28)	Fuel Tank – 50 gallons, L.H.			

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
29)	Cab Features – Re-circulating heater and defroster. Air conditioning Driver air suspension seat, High back, Cloth cover Passenger seat, High back, Cloth cover Third seat, center console Seat Belts, 3-point AM/FM radio with CD Tinted Glass Two speed/intermittent wipers with washers Steering-Tilt and Telescopic Steering Column L.H. and R.H. cab entry assist handles Dual sun visors – Dome lamp. Westcoast mirrors left and right (7.3" x 14.2" min), Heated Convex mirrors (7.1" x 7.1" min) 2-Sets of Keys Cruise control			
30)	Lighting – Emergency 3-way Flasher Cab Clearance Lights – (5) Each			
31)	Instrumentation – Manufacturer’s standard, to include a tachometer, fuel gauge, speedometer, oil pressure gauge, coolant temperature gauge and a voltmeter. Engine shut down system, high water temperature, and low oil pressure.			
32)	Back-Up Alarm – Standard Manufacturers			
33)	Color – Factory White			
34)	When fully laden with fuel, striping material and operators, the chassis manufacturer’s axle and total GVWR ratings shall not be exceeded or the unit may be rejected. The unit shall meet all current OSHA standards for noise levels at platform level and the operator locations.			
F. Fenders for Rear Wheels				
35)	Lightweight high density polypropylene ribbed fenders shall be supplied over the rear wheels. The fenders shall be easily removed and reinstalled on the vehicle to facilitate maintenance and serviceability. Mud guards shall be installed on the fenders’ rear edge.			
G. Auxiliary Equipment				
36)	The following auxiliary equipment shall be provided:			
37)	Mud flaps, front and rear			
38)	Two 20 lb dry powder fire extinguishers (platform mounted)			
39)	One 5 lb dry powder fire extinguisher (cab mounted)			

40)	Piped ¼ inch air supply for a hand take-off mounted at each rear corner of the platform			
H. Spare Parts Kit				

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
41)	There shall be included in the bid price, cost for spare parts kit to be shipped with the unit. This kit shall include: one complete paint gun, one paint gun repair kit, one complete bead gun, and one bead gun repair kit. In addition, one solenoid valve and one solenoid repair kit shall be supplied. All parts shall be identical to the in-place installed parts used in the construction of the striper unit. Spare parts herein furnished shall not be viewed as exempt from warranty of any component installed items. In addition, spare parts herein furnished shall be warranted identical to installed items.			
I. Digital Speed Meter System				
42)	A digital speed meter shall be included on the striping unit that will allow the truck operator to read his speed in three digits to aid him in maintaining a desired speed.			
43)	The signal source shall be a logic level pulsing unit driven by a pulse generator mounted off the driveline. The 12 volt DC power for the system shall be provided by the truck alternator and be separately fused.			
PLATFORM				
J. Platform General				
44)	The platform shall not exceed 96 inches total width, including all projections, and shall be at least 200 inches long. The platform framing shall be constructed of 3 inch structural channel cross members and 5 inch structural longitudinal members to support all required equipment mounted on it. The spacing of the cross members shall not exceed 18 inches. Perimeter tubing shall be 2" x 4".			
45)	The platform shall be supported by a minimum of eight (8) equally spaced risers. The risers shall be manufactured into a built-in structural channel and shall allow a 5 inch opening from the top of the chassis rail to the bottom of the platform. This opening will facilitate accessibility to material and control plumbing in the area located between the chassis rails. The risers shall be welded to the bottom of the platform and fastened to the chassis rails vertical flange by at least (2) 5/8 inch diameter, grade #8 bolts, in order to transfer the loading on the rails, a soft aluminum spacing shall be placed between the risers and the chassis rails top flange. Provisions shall be made to permanently secure these spacers in their locations.			

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
46)	The platform shall have non-skid, 1/8 inch medium pattern steel safety tread surface. Ladders with skid resistant steps shall be furnished on both sides of the platform, one on the left and two on the right. Safety chains shall be provided to secure the ladders in the stowed position/			
K. Railing				
47)	A steel railing shall be installed around the platform where necessary, and bolted in place. Railing vertical uprights shall be constructed of 1 1/4" square tubing. The height of the railing shall be 42 inches with a 21" high cross member. Railing around the operators stations shall be 30 inches high with mid level cross member. A padded vinyl shall be placed on the top railing around the operators. Corners shall be rounded for operator safety.			
L. Rear Bumper				
48)	The rear bumper shall have a minimum 4" width and extended across the rear of the truck platform. It shall be at least 15" above the road surface. The bumper support shall be at least 4" x 5.4 channel steel on both sides.			
M. Operator Protective Canopy				
49)	An all aluminum construction canopy shall be provided to protect the operators from the sun and weather. The structure shall be constructed so the roof is sufficiently secured and supported by tubular columns. The structure shall be designed to withstand normal traffic speeds. The approximate size of this canopy shall be 96" wide and 60" deep with an inside ceiling height of 72".			
PAINT AND GLASS SUPPLY				
N. Paint Supply:				
50)	The marking machine shall be equipped with two stainless steel A.S.M.E. certified pressure vessels for storage of 200 total gallons of paint. The yellow vessel shall have a capacity of 110 U.S. gallons. The white vessel shall have a capacity of 110 U.S. gallons.			
51)	Each tank shall be equipped with a 0-160 psi gauge, safety valve, bleed-off valve and shut-off valve, arranged so that air pressure may be maintained on the tank. The tank construction shall include a top stainless steel lid opening of not less than 24 inches in diameter with 4 inch fill port. Hydraulic motor driven agitators shall be included for each tank with stainless steel shaft and paddles and speed controls mounted near each motor.			

	O. Paint Fill Pumps:			
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Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
52)	Two (2) M-B pumps (no exceptions), air-operated diaphragm-type, with 1-1/2" ports shall be furnished to transfer paint at the rate of 15 GPM from the storage containers to the paint tanks on the striping unit.			
53)	The pumps shall be equipped with Teflon balls and diaphragms.			
54)	The pump construction shall have stainless steel wetted parts. Two (2) 12-foot sections of 2-inch diameter suction hose and a strainer assembly shall be provided, (one for each paint color).			
55)	Transfer of paint shall be done from the right hand side of the truck.			
56)	Provisions shall be provided to clean the pumps by re-circulating cleaner from a bucket.			
P. Glass Supply:				
57)	A pressurized tank having a capacity of 1,400 lb. of glass spheres is to be provided. This tank is to be of all steel A.S.M.E. certified construction with a top opening of not less than 14" in diameter. An O-160 psi pressure gauge, pressure regulator, 100 psi pressure relief valve, and auto evacuating moisture trap are to be included and mounted on the tank.			
58)	A vacuum glass fill unit having a minimum loading capacity of 200 pounds of glass beads per minute is to be supplied. By creating a vacuum in the glass tank, glass is to be drawn into the tank without contaminating the vacuum unit. The speed of the unit is to be controlled and a muffler is to assure quiet operation at all times.			
59)	The glass filling system on this unit shall include a 12 foot long, 2 inch I.D. fill hose with all the necessary fittings, including quick disconnect fittings and a new, unused 55 gallon drum with a combination bag splitter and strainer top.			
60)	The glass spheres are to be conveyed under pressure to a central located sphere manifold with cleanout cap, then to glass sphere dispensing guns through clear pressure hoses. A finned tube-type air cooler and moisture separator are to be supplied to remove moisture from air used to operate the glass system.			
Q. Cleaner System:				
61)	An air-operated, gun cleaning system shall be installed on the striping machine. It shall consist of a 20 gallon A.S.M.E. certified stainless steel pressure tank with safety valve and			

	valves and piping necessary to introduce cleaner into each paint line.			
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Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
62)	An injector system shall be piped into the paint hose after the main line valve at the outlet of the heat exchanger. This system must be as close as possible to the outlet of the heat exchanger to clean the paint manifolds and hoses for overnight storage.			
63)	All piping shall be solvent resistant type. The tank construction shall be with a 4 inch threaded top opening and a full steel skirt support.			
PAINT HEATING SYSTEM				
R. Paint Heating System General				
64)	The paint heating system shall be capable of maintaining a paint temperature of 110° Fahrenheit at the paint spray guns, at an ambient temperature of 70° Fahrenheit.			
65)	The heat source shall be a heat exchanger which extracts heat from the air compressor engine cooling water.			
66)	The paint heating system shall include two shell and tube type heat exchangers, having stainless steel tubes, and end bonnets. They shall be 4-pass type units each having a minimum heat transfer area of 34 square feet. Individual structural steel brackets shall be provided for mounting the exchangers in a vertical position with the inlet and outlet extending below the vehicle platform. The exchangers shall be located as close to the outriggers as practical. Vinyl covers shall be provided for each heat exchanger.			
67)	A separate intermediate heat exchanger shall be incorporated into the heating system to eliminate the possibility of paint contamination in the coolant system of the air compressor engine.			
68)	At the base of each exchanger outlet there shall be a combination paint manifold and strainer insert.			
69)	This manifold shall be stainless steel and have a drain with valve at the bottom. The strainers shall be removed for cleaning through a three clamp sealed lid.			
70)	The manifold shall be mounted in a vertical position and not located over any operating part of the machine so that no paint will fall on a component during the draining and cleaning of the strainers in the manifold.			
71)	Three, 12-volt, DC electric motor driven circulating pumps shall be provided. The pumps shall have a minimum rating of 25 GPM when pumping the heated water/ethylene glycol solution. The pumps shall control:			

72)	Pump A: Circulation to the white paint heat exchanger			
73)	Pump B: Circulation to the yellow paint heat exchanger			
74)	Pump C: Recirculation system.			
Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
75)	A digital thermostatic heat control shall monitor the paint temperature in each heat exchanger. These controls shall turn off or on the pump feed to the heat exchangers on the temperature setting required by the paint manufacturer.			
76)	Incorporated in the water/glycol system will be an expansion tank at a convenient location to either fill or check the fluid level of the system. A 14 pound automotive type pressure cap shall be used to regulate the system. An overflow tube from the cap neck down through the platform shall safely vent any over flow to the ground.			
77)	Three (3) automatic air vents shall be installed in the heating system to vent any excess air that gets trapped into the heating system. One air vent shall be in the expansion tank line and one on each heat exchanger. (MANUAL AIR VENTS WILL NOT BE ACCEPTED).			
PAINT APPLICATION SYSTEM				
S. Paint Application System General				
78)	The unit shall have a paint supply designed for two-color application. The material supply shall be so arranged as to permit the simultaneous operation of one or two spray guns on the left carriage and one or two spray guns on the right carriage for berm or edge striping. A stainless steel strainer shall be inserted in each system. The strainer shall be cylindrical in design and made from a #16 gauge perforated stainless steel material. The perforation shall be 1/8 inch in diameter and on approximately 3/16 inch centers (33 holes per square inch). No wire strainers are acceptable. The strainer shall be readily accessible and where necessary, valving shall be provided to isolate the strainer from the feed line for cleaning.			
T. Paint Plumbing and Hoses:				
79)	Air piping, tubing, or hosing used on the vehicle shall be firmly attached to frame or platform except where flexible conductors are required for proper operation or service			
80)	Rigid paint lines, with a cross-over between the paint tanks, and fittings in the low pressure fill and charging systems shall be at least 1-1/2" stainless steel pipe, and all valves in these lines shall be stainless steel ball type, full flow, with Teflon seals.			

81)	Valves and plumbing around each heat exchanger shall be provided, if heat is not desired.			
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Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
82)	All material conductors other than pipe shall be non-metallic, paint and solvent resistant. Teflon lined, (no exceptions) flexible hose. They shall be capable of withstanding the respective pressures produced in each system and shall not be less than ¾ inch diameter. The insulated paint hoses to the guns shall be convoluted Teflon designed to meet working pressure requirements of at least 200 psi.			
83)	A zippered vinyl jacket shall protect all airlines, paint and bead hoses to each gun carriage.			
84)	The pumps, hose fittings, valves and all components that are in contact with the marking materials shall be stainless steel.			
SPRAY EQUIPMENT				
U. Paint Spray Guns:				
85)	The guns shall be Kamber Model 38-15 N.B. (no clones or substitutes permitted), capable of applying a 4" wide line at 15 mils at 12 MPH maximum striping speed. The bidder must have available for demonstration at the customer's location, the gun proposed under this section. The guns must carry a minimum warranty of one year.			
86)	The paint gun shall be a high quality pneumatically actuated and internally atomizing spray gun. It must be capable of spraying all standard cold and hot applied fast dry paints; oil base, chlorinated rubber, waterbase latex paint, and premix.			
87)	The main gun body shall be machined from a solid block, not exhibiting any seams or connections. All guns wetted components must be manufactured from stainless steel.			
88)	In order to adapt the gun to waterbase paint applications it shall be easily convertible, from a bleeder to a non-bleeder configuration and reverse the process by either removing or replacing a ball check in the atomizing gun port. The guns shall be in the non-bleeder mode, but with the ability to flush gun tips even in the non-bleeder mode ("flush on the fly"). Flushing shall be accomplished by utilized lighted push buttons switches mounted on the control center. The gun needle packing nut must be adjustable thus enabling the operation to compress the packings to ensure continuous sealing of the needle through the wear period.			
89)	The lower gun assembly shall contain a spring loaded Teflon packing and be of the double-barrel design comprising of a separate fluid nozzle, air nozzle, and exterior nozzle to produce a well defined 4" to 9" wide painted line with an even paint distribution.			

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
90)	Each spray gun shall have as an integral part, a gun shroud which shall produce sharp line definition. The shroud shall consist of a round collar that will fit on the guns air nozzle retainer ring and be an open channel type shroud to facilitate cleaning without removal.			
91)	For better durability and life the following components; exterior nozzle and fluid nozzle shall have a minimum surface hardness of 50 as measured on a Rockwell "B" scale. The needle shall be constructed entirely of stainless steel to prevent rusting.			
92)	Gun material inlet shall be constructed at a 25" angle to allow maximum material flow.			
V. GLASS SPHERE GUNS:				
93)	There shall be installed pneumatically actuated glass sphere guns, high capacity (35 lbs per minute at 40-60 psi tank pressure), air atomized glass guns, Kamber Model 90HO (no clones or substitutes permitted) designed to remove bead pulsation by fluidizing bead flow out of the gun nozzle. Gun outlet shall be fitted with a closed spooned glass deflector with adjustable side curtains to insure precise adjustment of beads on the paint line, thus minimizing waste of glass outside the paintline. The closed spoon material deflector must also be equipped with a hardened steel replaceable insert (either circular or rectangular shaped) to prevent wear of the deflector at the material outlet.			
94)	The glass guns atomizing air by-pass (coupling tube assembly) must be constructed of brass (plastic will not be acceptable). This assembly must also house a filter screen to prevent glass beads from being trapped in the atomizing air system.			
95)	In order to prevent glass from migrating into the air operation chamber, the gun shall employ a dual sealing system; this shall consist of a wiper seal, backed up by a needle "O" ring. The gun must also be equipped with internal stainless steel springs to prevent rusting due to condensation within the gun.			
96)	All gun inlets must be threaded (not soldered) to allow replacement of such parts due to wear or other damage.			
97)	The glass guns must be equipped with an interchangeable material tip system. This system must offer six different tips sized from 5mm to 10mm tip orifice dimensions to provide the operator an infinite range of application speeds. Tips			

	must be constructed of hardened steel to prevent excess wear.			
	W. AIR NOZZLES:			

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
98)	Each carriage shall also have a multi-channel flat jet nozzle (metal only), mounted directly in front of each spray gun row, to remove dirt and debris from the road surface prior to the application of paint and glass beads. The "on/off" air supply to this nozzle shall be controlled by means of a valve actuated on the operator console. Each air nozzle shall have a manual adjustment air flow control.			
CARRIAGE ASSEMBLIES				
X. SPRAY GUN CARRIAGE ASSEMBLIES:				
99)	Two gun carriage assemblies shall be supplied, mounted behind the vehicle's rear wheels, to support and align the spray guns.			
100)	The main carriage, mounted on the left side of the vehicle, shall have provisions for attaching three (3) paint guns (yellow/white, yellow and yellow), three (3) glass sphere guns and three (3) air nozzles.			
101)	This carriage shall have two separate wheels (narrower than outside gun carriage) mounted on individual casters in front of the carriage and shall support the carriage and maintain it at a fixed height from the road and the entire unit shall be mounted with linear bearings to allow vertical motion but yet keep the spray guns normal to the road surface.			
102)	A pneumatic lift system, with auto lock, shall be provided to raise the gun carriages for transport. The control switch shall be located in each gun box.			
103)	The cross slide supporting the carriages shall allow the carriages to be positioned for transport within the width of the vehicle's platform, and permit its use anywhere from this location outward for a distance of 4 feet. The slide mechanism shall consist of a square tube within a square tube telescoping design with adjustable UHMW, self-lubricating UHMW, self-lubricating material bearing areas.			
104)	The second spray gun carriage shall be provided and mounted along the right side of the striping unit and support one (1) paint spray gun (white), one (1) glass sphere gun and one (1) air nozzle. The design of this carriage shall be identical to the main carriage with the exception that it shall have one wheel assembly, and it shall also extend 4 feet from the edge of the platform.			
105)	The guns on the right carriage shall be mounted outboard of the wheel.			

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
106)	Each carriage slide shall be equipped with a hydraulic cylinder for moving the carriage to any point within it's operating range. The cylinder shall be double-action, controlled by a power steering control, and the steering wheel shall be conveniently located for the operator.			
107)	Stacked body, quick acting solenoid valves with a manual override features shall be mounted on each carriage. Valves shall be equipped with balanced spool designed to minimize back pressure or restriction in exhaust. The valves shall be of a one piece aluminum design body.			
108)	Solenoids shall be enclosed in a weather resistant box attached to each gun carriage			

LEFT CARRIAGE			BERM CARRIAGE	
A	A	A	A	AIR NOZZLES
Y/W	Y	Y	W	PAINT GUNS
G	G	G	G	GLASS GUNS

All answers of **Exceeds or Not Available or does not meet spec** shall be explained on the *Exception Sheet* included in this packet. Cite the corresponding Item Number of the feature involved.

The County desires to trade in the vehicles listed below:

COUNTY #243 1994 Ford w/220 Gal LDI Spraying Unit VIN # 1FDXH70C25VA14333

This unit will be in service until delivery of new vehicle.

The County reserves the right to accept either the base price bid or the bid price after the trade-in.

Trade-in unit may be inspected at Sign Maintenance Facility 3890 Green Bottom Road St Charles Missouri (636) 498-0545, from January 10 to January 14, 2011. Viewing is by appointment only. Call Matt Noah at 314-280-2605 to schedule an appointment.

The bid must include delivery of one truck to each of the following facilities:

Sign Maintenance Facility at 3890 Green Bottom Road. St. Charles, Missouri

The successful bidder shall deliver the trucks within 180 days of the bid award date. If the successful bidder fails to deliver within the time specified, a sum of \$25.00 per unit per day shall be forfeited to the County as liquidated damages.

The bids are scheduled to be awarded at the first County Council meeting in February. Please take this into consideration when submitting your bid.

BID FORM

11-012

Truck Mounted 220 Gallon Air Atomizing Application Striping Unit

BID OPENING DATE: 1/19/2011 at 10:00 AM

(Bidder name)

Submits the following bid for this project:

Quantity – One (1)

Make Model and Year of Truck offered _____

Make Model and Year of Spraying Unit offered _____

**Total price for One (1) Truck Mounted 220 Gallon
Air Atomizing Application Striping Unit** \$ _____

Less: Trade in allowance for:

**County #243 1994 Ford w/220 Gal LDI Spraying Unit
VIN # 1FDXH70C25VA14333** \$ _____

Net Price \$ _____

Authorized signature

Date _____

Exception Sheet

If the item(s) and/or services proposed in the response to this bid is in any way different from that contained in this proposal or bid, the bidder is responsible to clearly identify all such differences in the space provided below. Otherwise, it will be assumed that the bidder's offer is in total compliance with all aspects of the proposal or bid.

Below are the exceptions or differences to the stated specifications (attach additional sheets as needed):

Date: _____

Signature: _____



Title: _____

Company: _____

THIS FORM MUST BE COMPLETED AND ENCLOSED WITH THE BID

Audit Clause for Contracts

Examination of Records

The Contractor's records must include, but not be limited to, accounting records (hard copy, as well as computer readable data), written policies and procedures, subcontractor files, indirect cost records, overhead allocation records, correspondence, instructions, drawings, receipts, vouchers, memoranda, and any other data relating to this contract shall be open to inspection and subject to audit and/or reproduction by the County Auditor, or a duly authorized representative from the County, at the County's expense. The contractor must preserve all such records for a period of three years, unless permission to destroy them is granted by the County, or for such longer period as may be required by law, after the final payment. Since the Contractor is not subject to the Missouri Sunshine Law (Chapter 610, RSMo), information regarding the Contractor's operations, obtained during audits, will be kept confidential.

The Contractor will require all subcontractors under this contract to comply with the provisions of this article by including the requirements listed above in written contracts with the subcontractors.

Vendor Information

Company Name: _____

Business Address: _____

Business Hours: _____

Phone: _____ Fax: _____

Email address: _____

Contact Person: _____

Authorized Signature: _____

(Indicates acceptance of all bid terms and conditions)



Date: _____

American Made:

In accordance with the Domestic Product Procurement Act (hereinafter referred to as the Buy American Act) RSMo 34.350-34.359, the bidder is advised that any goods purchased or leased by any public agency where the purchase, lease or contract involves the expenditure of twenty-five thousand dollars (\$25,000) or more, shall be manufactured or produced in the United States. Section 34.350.2(1) of that Act specifies that the term "public agency" includes all political subdivisions of the State of Missouri, which definition includes counties.

The requirements of the Buy American Act shall not apply if other exceptions to the Buy American mandate in RSMo 34.353 are met.

If the bidder claims there is only one line of the good manufactured or produced in the United States, RSMo 34.353 (2), or that one of the exceptions of RSMo 34.353 (3) applies, the Department Head or Elected Official bears the burden of certification as required prior to the award of a contract.

In accordance with the Buy American Act, the bidder must provide proof of compliance with RSMo 34.353. Therefore the bidder should complete and return Exhibit A, certification regarding proof of compliance, with the bid. This document must be satisfactorily completed prior to an award of a contract.

EXHIBIT A

**ST. CHARLES COUNTY
DOMESTIC PRODUCTS PROCUREMENT ACT (BUY AMERICAN)**

The Missouri Domestic Products Procurement Act (34.350-34.359 RSMo) requires that for all bids with a value of \$25,000 or more, the goods or commodities purchased by any public agency (which definition includes all political subdivisions of the State, including counties) or used or supplied in the construction, alteration, repair, or maintenance of any public works must be **manufactured or produced** in the United States. As defined in 34.350 RSMo, United States means the United States of America, the District of Columbia, and all territories and possessions subject to the jurisdiction of the United States. The law also requires that the bidder must provide proof of compliance. **Note: In general, if an import tariff is applied to an item, it does not qualify for the Buy American preference. In addition, Most Favored Nation status does not allow application of the preference.**

Section A – All Products Are Manufactured or Produced In U.S.

If all products bid qualify as domestic products under Missouri law, complete only Section A.

I hereby certify that all products qualify as domestic, that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

If Section A is completed, do not complete Section B.

Section B – Only One Product Line or No Products Are Manufactured or Produced In U.S.

If only one product line or no products are manufactured or produced in the U.S. complete only section B.

I hereby certify that there is only one product line or no product manufactured or produced in the U.S., that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

Section C – Products May Qualify Because of Qualifying Treaty

If some or all products bid qualify for domestic status because of a trade treaty, etc., then the bidder must identify each product, country and qualifying treaty, etc. below. **The bidder must list ALL products which are or may qualify as domestic below.** If more space is needed, please copy this form and submit as an attachment.

BID ITEM NUMBER(S)	COUNTRY WHERE MANUFACTURED OR PRODUCED	QUALIFYING TREATY, LAW, AGREEMENT, OR REGULATION

SECTION C

I hereby certify that the specific items listed above are domestic, that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.

SIGNATURE

COMPANY NAME