



SEDGWICK COUNTY, KANSAS
DIVISION OF FINANCE
Purchasing Department
Iris Baker, Purchasing Director

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Phone: 316 660-7255 Fax: 316 383-7055
www.sedgwickcounty.org/purchasing

REQUEST FOR PROPOSAL
09-0109
SQUAD FIRE TRUCK

April 16, 2009

Sedgwick County, Kansas (hereinafter referred to as county) is soliciting proposals from qualified firms to provide Squad Fire Trucks for the Sedgwick County Fire Department. Two will be purchased immediately and one may be purchased in January of 2010 (subject to available funding, which will not be determined until August 2009).

Carefully review this Request for Proposal; it provides general information necessary to aid participating firms in formulating a thorough response. Should firms elect to participate, one (1) original and two (2) copies of the entire document must be completed and returned with any supporting data in a sealed envelope/package, marked on the lower left-handed corner with the firm name and address, bid number, bid opening date, to the Sedgwick County Purchasing Department, 525 N. Main, Suite 823, Wichita, KS 67203, **no later than 1:45 p.m. CDT, Tuesday, May 12, 2009**. The County will not accept proposals with insufficient postage or collect on delivery. Late responses will not be accepted and will not receive consideration for final award. The time stamp clock in the Purchasing Department will determine the time of receipt.

QUESTIONS and CLARIFICATIONS

Any questions regarding this document must be submitted in writing to Ted Knoblauch at tknbolau@sedgwick.gov and Dallas Shaffer at drshaffe@sedgwick.gov by 5:00 p.m. (CDT) April 24, 2009. Any questions of a substantial nature will be answered in written form as an addendum and posted on the purchasing website at www.sedgwickcounty.org/purchasing, under online services; current RFPs/RFQs; to the right of the RFP number by 5:00 p.m. (CDT) April 28, 2009. **Vendors are responsible for checking the website and acknowledging any addendums in their response form.**

Proposed base pricing for product/service may be disclosed at a public meeting to receive and file responses of this and other solicitations, and at the Sedgwick County Board of Bids and Contracts meeting. It should be noted that other information provided in your response will be considered proprietary and will not be divulged during the proposal review process. More than one (1) proposal option may be submitted for consideration. Because purchases or contractual agreements of this nature require the expenditure of public funds and/or use of public facilities, the successful proposer will understand that portions (potentially all) of their proposal (including any final contracts) will become public record after acceptance by the Board of County Commissioners. Accept our assurance that the information provided will be used for evaluating the ability of your firm to handle this account and will not be shared with any persons not involved with the selection process.

Ted Knoblauch
Purchasing Agent

1. TENTATIVE TIME LINE

The following dates are provided for informational purposes and are subject to change without notice. Contact Ted Knoblauch, Purchasing Department at (316) 660-7262 to confirm any/all dates.

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|---|-----------------------|
| Request for Proposal Issued | April 16, 2009 |
| Clarification, Information and Questions submitted in writing by 5:00 p.m. | April 24, 2009 |
| Addendum Issued (If Required)..... | April 28, 2009 |
| Proposal Responses due before 1:45 p.m. CDT..... | May 12, 2009 |
| Review of Proposal Received..... | May 12 – May 21, 2009 |
| Board of Bids and Contracts..... | May 21, 2009 |
| Board of County Commissioners..... | May 27, 2009 |

2. ABOUT THIS DOCUMENT

This document is a Request for Proposal. It differs from a Request for Bid/Quotation in that the County is **seeking a solution**, as described on the cover page and in the following Background Information section, **not a bid/quotation** meeting firm specifications for the lowest price. As such, **the lowest price proposed will not guarantee an award** recommendation. As defined in Charter Resolution No. 57, Competitive Sealed Proposals will be evaluated based upon criteria formulated around the most important features of a product or service, of which quality, testing, references, availability or capability, may be overriding factors, and price may not be determinative in the issuance of a contract or award. The proposal evaluation criteria should be viewed as standards that measure how well a vendor’s approach meets the desired requirements and needs of the County. Those criteria that will be used and considered in evaluation for award are set forth in this document. The County will thoroughly review all proposals received. The County will also utilize its best judgment when determining whether to schedule a pre-proposal conference, before proposals are accepted, or meetings with vendors, after receipt of all proposals. A Purchase Order/Contract will be awarded to a qualified vendor submitting the best proposal. **Sedgwick County reserves the right to select, and subsequently recommend for award, the proposed equipment/service that best meets its required needs, quality levels and budget constraints.**

3. GENERAL & BACKGROUND INFORMATION

Sedgwick County, located in south-central Kansas, is one of the most populous of Kansas’ 105 counties with a population estimated at more than 470,000 persons. It is the sixteenth largest in area, with 1,009 square miles, and reportedly has the second highest per capita wealth among Kansas counties. Organizationally, the County is a Commission/Manager entity, employs nearly 2,900 persons, and hosts or provides a full range of municipal services, e.g., public works, criminal justice, recreation, entertainment, cultural, human/social, and education.

Sedgwick County Fire District #1 is a separate taxing entity that encompasses 635 square miles within Sedgwick County. Operating out of 8 strategically placed stations, the District provides fire suppression, technical rescue, hazardous material mitigation and first response medical service. The district responds in the suburban cities of Haysville, Park City, Goddard, Bel Aire, Garden Plain, Maize, Kechi, Andale, Oaklawn Improvement District and several other unincorporated towns. The estimated population served by the District is 85,000.

Sedgwick County Fire District #1 is seeking proposals on Squad Fire Apparatus and Chassis for the Sedgwick County Fire District. The apparatus shall be carefully designed to suit the nature of the service in which the apparatus must perform. All materials, workmanship, and finish of the apparatus shall conform to the character and purpose for which it is intended. It is preferred that single site manufacturing be provided. In all areas applicable, the apparatus shall conform to the requirements of the current (at the time of proposal) National Fire Protection Association Pamphlet #1901 for Motor Fire Apparatus unless otherwise specified in the specifications. The apparatus shall also comply with any Federal & Kansas State Department of Transportation requirements that are applicable.

4. OBJECTIVES

The County has identified the following objectives for securing Squad Fire Trucks described herein:

1. Procure 2009 Chassis Squad Fire Trucks meeting the parameters, conditions and mandatory requirements presented in this document.
2. Establish contract pricing so that two (2) can be ordered and delivered no later than December 03, 2009 and one (1) which would be ordered and delivered after January, 2010. The budget for 2010 won't be adopted until August 2009, which will determine if the third one will be purchased.
3. Procure a Squad Fire Truck with the most advantageous overall cost to the County.

5. INTENT OF SPECIFICATION

1. Sedgwick County Fire District #1 will require certain items to be used in the manufacturing of this apparatus. Under certain headings this equipment or method of construction will be noted as a specification. These specifications point out the preferred qualifications on this apparatus. Any deviation from the preferred qualifications will require an in depth explanation of the manufacturers intent and purpose.
2. All deviations from the minimum design, preferred qualifications and/or performance requirements should be listed. Exceptions shall be considered if they are deemed (by the County) to be equal to or superior to the specifications, provided they are fully explained on a separate page entitled "EXCEPTIONS TO SPECIFICATIONS." Exceptions shall be listed by page and heading number.

6. MANDATORY REQUIREMENTS

The following requirements are provided to assist proposers in completing a thorough response.

A. General Firm Requirements

Firms must:

1. Have proper certification(s) or license(s) to distribute, deal, install and service proposed product(s) at the time of proposal closing.
2. Have the capacity to acquire all required bonds or insurances.
3. Have provided service(s) and/or product(s) similar to those specified in this RFP.
4. Provide contact name(s), title(s), qualification(s), phone number(s) and e-mail address(s) of lead professional personnel assigned to the County account.
5. Provide a detailed project timeline to include but not limited to design meetings, review of drawings, manufacturing, testing, delivery, set-up, installation etc.
6. Provide detailed quality control procedures.
7. Have appropriate material, equipment and labor to perform job safely and efficiently. All costs associated with meeting this requirement will be the sole responsibility of the vendor.
8. Provide four (4) references verifying exemplary service. These references MUST have received service(s) and/or product(s) similar to those proposed under this RFP. Provide the business name, address, contact name, phone number, e-mail address and a brief description of product(s) and/or service(s) provided.
9. Discuss any current local, state or federal violations and any ongoing litigation that may cause conflicts or affect the ability of the vendor to provide service(s) and/or product(s).

B. Quality and Workmanship

1. The design of the apparatus must embody the latest approved automotive engineering practices.
2. The workmanship must be the highest quality in its respective field. Special consideration shall be given to the following points: Accessibility to various areas requiring periodic maintenance, ease of operation (including both pumping and driving) and symmetrical proportions.
3. Construction must be rugged and ample safety factors must be provided to carry loads as specified and to meet both on and off road requirements and speed as set forth under "Performance Test and Requirements."

C. General Construction

1. The apparatus shall be designed and the equipment mounted with due consideration to distribution of load between the front and rear axles so that all specified equipment, including filled water tank, a full complement of personnel and fire hose shall be carried without injury to the apparatus.
2. Weight balance and distribution shall be in accordance with the recommendations of the International Association of Fire Chiefs and National Fire Association (or American Insurance Association).
3. Certified Laboratories certificate shall be submitted by the manufacturer.
4. Weight of apparatus shall meet all federal axle load laws. Notify Sedgwick County the location of the assembly plant.

D. Delivery Requirements

1. The apparatus shall be completely equipped as per these specifications upon arrival and on completion of the required tests shall be ready for immediate service in the fire department of the purchaser. Any and all alterations required at the scene of delivery to comply with these specifications must be done at the contractor's expense.
2. Price(s) in bid must include delivery to Sedgwick County Fleet Management, 1021 Stillwell, Wichita KS 67213. Contact Deputy Chief, Rick Brazill, at (316) 660-3473 to arrange for delivery.
3. **Two (2) will be delivered no later than December 03, 2009 to Sedgwick County.**
4. Provide information on scheduling issues, which might have an impact on meeting the deadline for delivery.
5. Between final inspection and delivery of apparatus, send the updated specifications and drawings of the apparatus to be delivered, in electronic format to, Rick Brazill at rbrazill@sedgwick.gov and Brian Richey at brichey@sedgwick.gov.

E. Manufacturer's Experience

1. Each manufacturer shall have been in business making similar apparatus for a minimum of five (5) years.
2. Elimination of Divided Responsibility
 - i. It is required that each apparatus proposer take full responsibility for the cab, chassis and body of the apparatus. This is done in an effort to eliminate divided responsibility in service and warranty work. Manufacturers shall state compliance with the paragraph. **NO EXCEPTIONS.**
3. The entire apparatus shall be assembled following standards outlined in section 3, paragraph 3.

F. FAMA Compliance

1. Manufacturer must be a current member of the Fire Apparatus Manufacturer's Association.

G. Inspection Trips

1. A pre-construction conference trip, mid point inspection trip and a final inspection trip to the manufacturer's facility shall be provided.
2. Accommodations for three (3) Fire Department personnel, each trip, to include all transportation, food and lodging shall be included in the bid price.

H. Performance Bond

Within twenty (20) days of notification to the successful proposer by the purchaser, prior to any work commencing on the proposed apparatus, the successful bidder shall, at their own expense, obtain and submit to the purchasing entity a performance bond in the amount of 100% equal to the total contract price.

7. MINIMUM REQUIREMENTS (CAB AND CHASSIS)

These specifications listed below are considered Minimum and may be exceeded. Alternate items meeting fit, form, and function of specifications may be submitted. However, Sedgwick County reserves the right to select the bid that most closely matches the specifications.

| |
|---|
| <p>A. Chassis:</p> <ol style="list-style-type: none"> 1. 2009 Ford F-550 (Preferred), 2010 if 2009 not available 2. 4 Door Cab |
|---|

3. 4 x 4
4. Dual rear wheels

B. Power Train:

1. Power stroke 6.4L V-8 OHV direct injection 32 valve inter-cooled turbo diesel engine
2. 110 amp dual alternator (2)
3. Dual (2) 750 amp 78 amp hours (Ah) heavy duty batteries
4. Engine block heater
5. Transmission oil cooler
6. Engine oil cooler
7. Power Steering oil cooler
8. 5-speed electronic automatic transmission with overdrive
9. Lock-up
10. Rear-wheel drive
11. 4.88 axle ratio
12. Stainless steel exhaust

C. Steering and Suspension:

1. Hydraulic power-assist re-circulating ball steering
2. 4 wheel disc brakes with front and rear vented discs
3. Firm ride suspension
4. Mono-beam non-independent front suspension
5. Front anti-roll bar
6. Front coil springs
7. HD front shocks
8. Rigid rear axle
9. Rear leaf suspension
10. Rear anti-roll bar
11. HD rear leaf springs
12. HD rear shocks
13. Front and rear 19.5" x 6.00" aluminum wheels
14. LT225/70SR19.5 BSW AS front and rear tires
15. 19,500 G.V.W. rating

D. Safety:

1. 4-wheel anti-lock braking system
2. Dual airbags, passenger side front-impact concealable airbag
3. Front height adjustable seatbelts

E. Interior Cab:

1. Front Bucket Seats, Rear Bench
2. Rubber Flooring
3. Air conditioning
4. AM/FM stereo
5. Clock
6. Seek-scan
7. Two (2) speakers
8. Fixed antenna
9. Two (2) 12V DC power outlets
10. Ashtray
11. Front lighter elements(s) location
12. Analog instrumentation display includes tachometer
13. Oil Pressure gauge
14. Engine temperature gauge
15. Turbo/supercharger boost gauge
16. Transmission fluid temp gauge
17. Engine hour meter

18. Trip odometer
- Warning indicators to include: (19-25)**
19. Oil pressure
20. Water temp warning
21. Battery
22. Key in ignition
23. Low fuel
24. Door ajar
25. DPF regeneration
26. Electric windows and door locks
27. Variable intermittent front windshield wipers
28. Passenger side vanity mirror
29. Day-night rearview mirror
30. Interior dome light with delay
31. Front reading lights
32. Glove box
33. Front cup holder
34. Instrument panel bin
35. Dashboard storage
36. Tilt wheel

F. Exterior Features:

1. Paint color: Red
2. Side impact bars
3. Front license plate bracket
4. Fully galvanized steel body material
5. Black side window moldings
6. Black front windshield molding
7. Black rear window molding
8. Black door handles
9. Complete tow package
10. Trailer harness
11. Brake controller
12. Driver and passenger manual black folding outside mirrors (extendable)
13. Front and Rear tow hooks
14. Halogen headlamps
15. Additional exterior lights include cab clearance lights
16. Clear coat monotone paint
17. Polished Aluminum wheels (6) Alcoa Manufactured
18. One (1) Full-size Aluminum spare wheel and tire
19. Factory Nerf Bars
20. Extended Front bumper with Brush Guard, Warn #12,000 heavy duty winch with 12' remote, 150' of high tension cable, and fairlead roller

G. Warranty:

1. Limited Warranty
 - a. Bumper to Bumper: 36 month/36,000 miles
 - b. Power Train: 72 month/100,000 miles
 - c. Corrosion Perforation: 60 month/unlimited mileage
 - d. Roadside Assistance: 36 month/36,000 miles
 - e. Diesel Engine: 72 month/100,000 miles
 - f. The chassis shall carry the standard manufacturers' warranty (Ford, Dodge, GM, International, etc.) All other warranties will be addressed in other portions of this document
2. Electrical Warranty

- a. The body manufacturer shall warrant the new apparatus electrical system for a period of five (5) years or 50,000 miles (whichever occurs first) from the date of delivery to the original retail purchaser. The warranty will ensure that the vehicle will be free from defects in the electrical harness and connections under normal use and service within the warranty period. A copy of the warranty shall be supplied with the bid.
- 3. Body Structural Warranty
 - The body manufacturer shall warrant the new apparatus for structural integrity for a minimum of twenty (20) years from the date of delivery to the original retail purchaser. The warranty will ensure that the vehicle will be free of all structural defects of both material and workmanship that may appear under normal use and service within the warranty period. A copy of the warranty shall be supplied with the bid.

H. Rear Tow Package:

- 1. Under the rear tail board there shall be structural steel reinforcement attached to frame rails of chassis to support receiver type hitch assemblies. The receiver shall be installed at the rear center of apparatus and be capable to with stand the requirements of towing (not lifting) the apparatus without damage.

I. Labels

- 1. Fuel Type Plate
 - a. A permanently engraved plate shall be installed on or near the fuel fill to designate the chassis fuel type.
- 2. Seating Label
 - a. There shall be a label located in the cab or in view of the driver, stating maximum seating capacity.
- 3. Vehicle Height Label
 - a. There shall be a label located in the cab or in view of the driver, stating the overall height of the vehicle.
- 4. Seat Belt Warning Label
 - a. There shall be a label located at all seating areas, warning personnel that death or serious injury could result from not wearing seat belts while the vehicle is in motion.
- 5. Riding On Step Label
 - a. There shall be a label located at all exterior stepping surfaces, stating "Warning: Death or serious injury may result from riding on any stepping surface when the vehicle is in motion.

J. Rear Mud Flaps:

- 1. There shall be a set of black mud flaps installed on the rear wheel well.

K. Body:

- 1. This body is built with the intention of being placed on an F-550 chassis with a 60" cab to axle measurement. **Body shall be constructed by the assembler of the apparatus.**

L. Body Construction:

- 1. Construction material shall be aluminum, fully welded, with no rivets. The roof and wall beams shall be MIG welded to body exterior panels. All dissimilar metals shall have a barrier material between them to prevent electrolysis.
- 2. All exterior panels shall be 5052 corrosion resistant aluminum, .125" thickness.
- 3. All welds whether seen or not shall be performed by AWS certified welders. Welds, which are visible, shall be either ground smooth, cleaned or power wire brushed.
- 4. All aluminum body parts are to be welded for unitized construction to give maximum strength throughout the body.
- 5. The overall body construction and shelf support shall be welded.
- 6. The header walls and partitions forming and dividing the compartments, plus the compartment floors shall be of a .125" aluminum construction.
- 7. Compartment floors shall be properly supported and capable of sustaining up to a five hundred (500) pound load.

8. The compartment tops shall be overlaid with polished aluminum tread plate that extends over the outside edge of the compartment forming a drip rail.
9. All compartments shall be of sweep-out type with no lip at bottom edge. The bottom of all compartments and shelving trays shall have turtle tile installed.
10. Compartment interior walls shall be painted with silver hammer finish paint. The finished walls shall be easier to maintain, reflect light better to allow you better visibility.
11. Handrails, two (2) 36", mounted on the rear of the apparatus body, one on each side of the pump panel.
12. There shall be .125" aluminum tread brite installed around the rear wheel well areas. This shall be overlaid and shall be sealed at all seams. There shall be SCBA door installed on each side in the rear of the fender.
13. The rear bumper trimmed out on top and sides with 1/8" aluminum tread brite. The bumper shall extend approximately 8" from the body, and be approximately 18-20" from the ground to the top of the tailboard.
14. The clearance between the chassis cab and utility body shall be minimal to allow for the installation of push-up floodlights and any other equipment placed between the cab and body.
15. The entire rescue module will be undercoated. Body is to be completely undercoated before mounting. Undercoating body separate from the chassis ensures better coverage into the corners and crevices with obstruction from the chassis.

M. Compartmentation: (Firms may submit alternate options for compartment storage.)

1. The body is a modular design welded to heavy duty support frame work. The main frame rails will be of 6" x 1/4" wall Aluminum channel. The rigid main body will be of 6061-T6 tubing measuring 1.50" x 2.50" and 1.50" x 1.50" x .125" thick.
2. Aluminum storage compartments on each side. Complete body width is approximately 94" from side to side and 122" long.
3. Passenger side compartments size (from front to rear)
Note: All measurements are Length x Depth x Height
 - a. P1 – 26" x 20" x 56" (transverse area 26" x 54" x 37")
 - b. P2 – 50" x 20" x 36"
 - c. P3 – 38" x 20" x 56"
4. Driver's side compartment sizes (from front to rear)
Note: All measurements are Length x Depth x Height
 - a. D1 – 26" x 20" x 56" (transverse area 26" x 54" x 37")
 - b. D2 – 50" x 20" x 56"
 - c. D3 – 38" x 20" x 56"
5. Each side compartment will have a clear depth of 18" with the doors closed.
6. All doors will be of the roll up cylinder type (Manufactured by ROM) with lights and door ajar warning lights with door location located in cab.
7. Compartments will have LED vertical lighting on the entire compartment door opening on both sides and be manufactured by ROM.
8. The compartments will be covered inside with smooth aluminum .125" thick.
9. The compartments flooring will be of the sweep out design. With black turtle tile in bottom of compartments and shelves.

N. Skid Unit:

1. The skid unit shall be with a 300 gallon Poly tank and associated components. **See Section 5 for detailed specification.**

O. Body Trim

1. The body shall be trimmed with .125" thick fire apparatus grade aluminum tread brite on the front and both fender wells.
2. The rear of the body will be trimmed with .125" thick fire apparatus grade aluminum and be covered entirely by Chevron Reflective striping meeting NFPA 1901, 2009 edition.

P. Body Mounting

1. A six point mounting system (three (3) on each side) will be used to secure the body to the chassis.

All mounting brackets will be painted black. Prior to mounting the body on the chassis, a 1" rubber cushion shall be placed on the chassis frame to act as a barrier between the aluminum body frame rails and the steel chassis frame. This will eliminate any possibility of electrolysis.

Q. Long Handle Tool Storage and Hose Bed Compartments

1. A storage compartment under the cargo bed will be supplied.
2. Interior box sized shall be approximately 33" x 7" x 122" (Width x Height x Depth).
3. This compartment will be accessed from the rear of the body through a hinged drop down weather tight door.
4. One (1) storage compartment approximately 33" x 7" x 122" will be provided and mounted atop the body, curbside, with a weather tight door.
5. One (1) hose bed compartment approximately 33" x 7" x 122" will be provided and mounted atop the body, street side, hose bed will have a full length stainless steel piano hinge to allow loading of hose. Compartment will be connected to pump panel through a Chickson swivel.

R. Shelving: All Shelving will be considered an option. The county reserves the right to select one, none or all of the options. Pricing should be submitted separately from base bid.

1. Fixed Shelving:(**Option #1**)
 - a. Shelf locations and number of shelves shall be determined prior to construction. Lower shelf will be used for rescue tool (AKA Jaws of Life).
2. Slide Trays (Adjustable): (**Option #2**)
 - a. Slide tray locations and number of slides shall be determined prior to construction.
3. SCBA Bottle Storage Compartments:
 - a. SCBA bottle storage in fender wells; one each side.

S. Lighting:

1. All DOT required light will be provided and be LED where possible.
2. Emergency Lighting:
 - a. Body to be equipped with full Code 3 NFPA complaint light package.
 - b. One (1) 2752CC series light bar.
Light bar module position will be as follows
LR1, LR2 will contain one (1) REF 8 red LED light module
LR3, LR4 will contain one (1) REF 8 blue LED light module
S1 will contain one (1) LED Alley light module
E1 will contain one (1) REF 12 blue LED light module
E2 will contain one (1) REF 12 red LED light module
LF1 and LF2 will contain one (1) REF12 red LED light module
LF3 and LF4 will contain two (2) LED alley light modules (one in each)
LF5, LF6, LF7 will contain one (1) REF12 Blue LED light module
LF8, LF9, LF10 will contain one (1) REF 12 Blue LED light module
LF11, LF12 will contain two (2) LED light modules (one in each)
LF13, LF14 will contain one (1) REF 12 red LED light module
E3 will contain one (1) REF 12 blue LED light module
E4 will contain one (1) REF 12 red LED light module
S2 will contain one (1) LED Alley light module
LR11, LR12 will contain One (1) REF 8 red LED light module
LR13, LR14 will contain one (1) REF 8 blue LED light module
 - c. Two (2) 3712 CRBZ LED lights on the front of front bumper.
 - d. Two (2) 3712 CBBZ LED lights on the side of the front bumper
 - e. Two (2) 3712 CRBZ LED lights on the upper rear of body.
 - f. Two (2) 3712 CBBZ LED lights on the lower rear of body.
 - g. Two (2) 3712 CRBZ LED lights in front of rear fender
 - h. Two (2) 3712 CBBZ LED lights in front of rear wheels
 - i. Two (2) 3712 CBBZ LED lights on top rear corner of body
 - j. Two (2) 3712 CRBZ LED lights on top front corner of body
 - k. Six (6) 41-26 Halogen Scene lights (2 on each side and 2 on rear of body)

1. NFPA ground lighting operated by in cab toggle switch and will be LED

T. Electrical:

1. Ambulance Prep Package
2. Compartment Lighting
3. Master Switch; Driver's side cab area.
4. Custom Center Console (Vendor is to submit center console options)
5. Open Compartment Warning Lights located in the center console
6. Persons familiar with AC, DC and emergency vehicle systems shall perform all electrical work
7. All electrical systems involving operation of the emergency equipment shall be separate and distinct from the operation of the chassis systems. All wiring shall be automotive approved and shall be resistant to water grease and oil. The wiring and harness shall all be routed in protected locations neatly and securely fastened with grommets in all thru holes for wiring to pass.
8. The warning lights, light bar and siren shall all be controlled by a single control panel Code 3 model RLS 3999 with two (2) 100 watt Code 3 bumper mounted speakers. This control panel has deluxe siren with arrow stick and spotlight control with built in self testing function.
9. All heavy amps carrying cable shall have industrial crimp-on terminals on each end.
10. All compartment wiring shall be inside split loom and neatly and securely attached to inside of compartments.
11. The body shall have all DOT lighting per FMVSS 108.

8. MINIMUM REQUIREMENTS (SKID UNIT)

These specifications listed below are considered Minimum and may be exceeded. Alternate items meeting fit, form, and function of specifications may be submitted. However, Sedgwick County reserves the right to select the bid that most closely matches the specifications.

A. Pump, Engine, and Plumbing

1. Pump: Hale, Model HPXB-200-B18, or approved equivalent. Unit delivered will be equipped with electric start.
2. Engine: Briggs & Stratton "Vanguard" Model 350400 or Model 422437 Series 18 Horsepower.
3. Pump to centrifugal design, minimum capacities to be:
30 GPM @ 175 PSI
100 GPM @ 130 PSI
160 GPM @ 60 PSI
4. Impeller to be bronze double hubbed for hydraulic balance
5. Wear rings to be bronze replaceable type
6. Shaft seal to spring load mechanical
7. Spark arrestor and exhaust primer to enable drafting from tank or other water supply
8. Pump and engine to be located at floor level of bed to completely eliminate pump priming problems when pumping from booster tank. Pump and engine and fuel tank will be mounted on skid floor.
9. Heavy duty galvanized or brass piping and fittings used throughout the system. All plumbing will be designed to prevent electrolysis.
10. Brass drains to fully drain pump, manifold & plumbing. Pump manifold design will allow for complete draining of all pump valves, hoses, and plumbing due to extended periods of outside storage due to Drill cycles or other occasions where Apparatus will be un-attended in inclement weather.
11. Pump engine starter to be pre-wired with plug-in connectors to enable hook-up to vehicle battery and charging system.
12. Pump engine will have an oil drain line plumbed to the front of the control panel area, floor level, to allow for easy access for draining oil. Drain line will have a valve accessible from the pump control panel area (at floor level).

B. Required Operating Valves/Controls/Fittings

General Requirements: All valves required/specified and supplied/installed with slip-in pump units will be

full flow, quarter turn, ball valves and will be manufactured by Akron Brass. All valves are to be legibly identified for ease of operation. All suction and discharge connections including caps will be high quality and chrome plated with chains attached where applicable.

- a. One (1) each, 2-1/2" inlet with a 2-1/2" brass valve with cap. Thread to be 2-1/2" NSTF. Valve control will be at the valve and accessible from the rear of the truck (near but not on the pump panel). A check valve will be installed at the tank location to prevent back filling the tank from a fire hydrant. This action is intended to reduce the chances of damage to the internal plumbing inside the tank.
- b. One (1) each, 2-1/2" tank to pump valve. Valve control will be at the valve and accessible from the rear of the truck (but not on the pump panel).
- c. One (1) each, 1.5" brass quarter turn ball valve and relief valve, with control at the pump control panel, shall be provided for recirculating water to prevent pump overheating or winter freeze-up. A 1-1/2" check valve will be installed at the tank connection to prevent water from draining out of the tank into the plumbing to reduce the chances of freeze-up. The discharge hose from the valve going to the tank will be of 1-1/2" I.D. hose.
- d. One (1) each, 1.5" brass, quarter turn ball valve for the booster line with control at the pump panel. The discharge hose from the valve going to the booster reel will be of 1.5" I.D. hose.
- e. One (1) each, 1.5" brass, quarter turn ball valve with control at the pump panel, shall be provided for supplying a 1" forestry hose. Forestry hose connection shall be 1" MNST and accessible at the rear of the truck (but not on the pump panel).
- f. One (1) each, 1.5" pre-connect with Chickson swivel and ¼ turn full flow ball valve with control at the pump panel. The discharge hose from the valve going to the pre-connect swivel will be 1-1/2" I.D. hose.
- g. One (1) each, 1" brass quarter turn ball valve with control at the pump panel shall be provided for supplying a garden hose fitting. Garden hose fitting shall be accessible at the rear of the truck (but not on the pump panel).

C. Pump/Valve Operating Control Panel

1. Control panel will have a minimum dimension of twenty (20) inches in width x (20) in height. (No exceptions to minimum pump panel size.) Pump panel will be solid mounted to the rear of the skid unit and will support rapid access to all controls for operating from the rear of the truck.
2. Control panel will be designed to provide easy access to operator while standing behind truck with unit installed.

The following controls, at a minimum, will be located on the above pump control panel:

1. Lighted pump-engine control panel pre-wired for connection to the vehicle battery.
2. Start-stop switch for pump engine.
3. Hand throttle control will be a vernier style (no exceptions).
4. Choke control.
5. 1-3" minimum diameter, lighted pressure gauge, temperature rated to 30 degrees below zero, -30hg – 400psi. (Master)
6. Valves/Controls for the following functions: 1) garden hose; 2) recalculating/refill valve; 3) booster hose; 4) forestry hose; 5) crosslay hose, all will have proper identification labels attached and will be supplied with a 12 volt lighted gauge with a range of 0-400psi.
7. Primer Control.
8. Class 1 Intelli-tank 4 water level gauge or approved equal.

D. Water/Booster Tank

1. Tank will be a "UPF POLY-TANK". Defender 3 Series
2. Tank capacity will be 300 Gallons.
3. Tank will be designed to keep the height at the lowest profile practical/possible. This requirement is to keep the weight of the unit as low as possible in the truck for stability reasons. Bidders are directed to provide the exact dimensions of the tank they propose to supply with bid submittal.

4. Tank to be baffled for approximately 40 to 63 gallon compartments. Tank to be designed to prevent swirling, cavitation, and to provide a suction sump floor.
5. Four inch tank fill with cap.
6. Tank constructed of ½” thick textured polypropylene sheet stock with AccTuf resin. The material shall be of a certified, high quality, non-corrosive stress relieved thermoplastic, black in color
7. Tank outlet of 2-1/2”.
8. Tank to have fill level indicator panel made of translucent material.

E. Hose Beds

1. Tank cover to include an aluminum hose bed to support 250 ft. of 1.5” double jacket hose. Aluminum shall be a minimum of ¼” thick and full seam welding as where required. Exact interior dimensions of the hose bed are not known at this time, but will be approximately 8” in width x 54” length x 8” height.
2. Owner’s representative will approve exact positioning of this hose bed.
3. Hose bed will have a hinged (piano style) cover installed on top. The hinge will run the entire length of the hose bed. Hinge will be made of Stainless Steel.
4. Hose bed to be plumbed with a Chickson swivel and control shall be at the pump control panel.

F. Booster Reel

1. Hanney, Model EPF 38-23-24 **(No Exceptions)**, frame to be painted silver, with polished discs, electric rewind hose reel with two hundred fifty feet capacity for 1” booster hose. Control valve for booster line will be a full flow, ¼ turn ball valve, located at the pump control panel. Valve will be manufactured by AKRON
2. Two hundred (200) feet of 1”, 800psi BOSTON MFD hose coupled each 100 feet with BARWAY couplings to be furnished (no exceptions to brand of hose or couplings).
3. Hose guides to protect hose when pulling off right or left side of the vehicle.
4. Rewind button for booster reel will be located at the pump control panel.
5. Booster reel will be mounted such that the hose can be removed from the rear of the truck.
6. Booster reel operation will be controlled by 1.5” valve at pump control panel.

G. Dimensions, Skid Unit & Miscellaneous Other General Requirements

1. Engine, plumbing and all components will be painted Red (or combination Red and Black) with high quality DuPont of Ditzler finish. OWNER will approve finish.
2. Owner desires to keep tank profile as low as practical and within the limitations of the water tank capacity requirements and the truck bed dimensions. Approximate inside dimensions of said utility bed are: Width 50in. Length 98 in. Bidders assume ALL RESPONSIBILITY for verifying all information related to utility bed dimensions and conditions.
3. Note: **SUCCESSFUL BIDDER WILL VERIFY ALL DIMENSIONS OF PROPOSED SKID MOUNTED PUMP UNIT FOR OWNER APPROVAL PRIOR TO FABRICATING THE SAME.**
4. Pump unit will be provided with an approved, minimum 3.5 gallon fuel storage tank with priming bulb and connectors properly designed for engine supplied/specified. **Fuel tank will be adequately designed such that the same is positioned under the specified pump motor unit to conserve overall dimensions.**
5. Pump panel to be painted black.

H. Warranty Requirements

1. All components EXCEPT tank unit supplied will have a full warranty to cover 100% of all components including required parts and labor for a period of one year.
2. Water tank will have a LIFETIME warranty.

I. Electrical System

1. All electrical equipment installed by the manufacturer shall conform to current automotive electrical system standards and the requirements of the applicable NFPA apparatus standards. The wiring shall be individually and permanently color and function coded. The installation shall meet SAE standard J1128 in its latest edition for GXL or SXL temperature rating.
2. All exposed wiring shall run in loom with a minimum of 280°F (137.8°C) rating. All wiring loom shall be properly supported and attached to frame members along the entire run. At any point

where wire or looms must pass through metal, rubber grommets shall be installed to protect the wire from abrasion.

3. The main low voltage electrical terminal block and circuit breaker panel shall be provided behind the pump operator's panel in a location providing easy service access.
4. The electrical connections shall be made using heat shrink and/or weatherproof connectors. All electrical circuits shall be protected with automatic reset circuit breakers or fuses.

J. Maintenance Manuals

1. One complete set for the Ford Chassis

9. PROPOSAL CONDITIONS

In submitting a response to this Request for Proposal, vendors hereby understand the following:

1. Pricing offered in the proposal document will be provided to other local governments and governments whom Sedgwick County regularly enters into agreements.
2. Alternate proposals (two or more proposals submitted) will be considered for an award. Sedgwick County reserves the right to make the final determination of actual equivalency or suitability of such proposals with respect to requirements outlined herein.
3. Sedgwick County will retain the right to reject any part of or any and/or all proposals received, or to accept any item or items in the proposal, if determined to be non-responsive in any form, or if determined to be in the best interest of Sedgwick County. It will further be understood that each responder's sureties and insurers are subject to the approval of the County.
4. Sedgwick County may award a purchase contract, based on initial offers received, without discussion of such offers. A vendor's initial offer should therefore be based on the most favorable terms available from a price and technical standpoint. The County may, however, have discussion with those vendors that it deems in its discretion to fall within a competitive range. It may also request best and final offers from such proposers, and make an award and/or conduct negotiations thereafter.
5. Sedgwick County reserves the right to negotiate separately with any proposer after the opening of this Request for Proposal when such action is considered in its best interest. Subsequent negotiations may be conducted, but such negotiations will not constitute acceptance, rejection, or a counteroffer on the part of the County.
6. Proposals may not be withdrawn for a period of 120 days following the opening of this *Request for Proposal*. Prices MUST also be free of duties, federal, state, and local taxes unless otherwise imposed by a governmental body, and applicable to the material on the proposal.
7. Proposers MUST return the entire document with any supplementary materials to Sedgwick County, Kansas, Purchasing Department, 525 North Main, Suite 823, Wichita, KS 67203, on or before 1:45 p.m. on the proposal due date. The time clock stamp in the Purchasing Department will determine the time of receipt. Bids and Proposals will be opened and acknowledged at 2:00 p.m. the same day and location unless other specified.
8. Envelopes/container containing Responses must be sealed and marked on the lower left-hand corner with the firm name and address, proposal number, proposal due date, and proposal opening time.
9. Sedgwick County interprets the term "lowest responsible and best bidder/proposer" as requiring Sedgwick County to: (a) choose between the kinds of materials, goods, wares, or services subject to the proposal, and (b) determine which proposal is most suitable for its intended use or purpose. Sedgwick County can consider, among other factors, such things as labor cost, service and parts availability, and maintenance costs of items upon which proposals are received. Sedgwick County can determine any differences or variations in the quality or character of the material, goods, wares, or services performed or provided by the respective responders.
10. All requested information must be supplied. If proposers cannot respond to any part of this request proposers should state the reason they cannot respond. Proposers may provide supplemental information, if necessary, to assist Sedgwick County in analyzing their proposal.
11. A purchase order and/or contractual agreement constitutes Sedgwick County's offer to the service provider upon the terms and conditions stated herein, and shall become binding for all terms set forth herein, when it is accepted by the service provider by acknowledgment or performance, and subject to the terms and conditions of the County to be memorialized by written agreement.
12. After the award, if the successful contractor/supplier refuses or fails to make deliveries of the materials/services within the times specified in the *Request for Proposal*, purchase order or contractual agreement, Sedgwick County may, by written notice, terminate the contract OR purchase order. The successful respondent will certify and warrant that goods, personal property, chattels, and equipment sold and delivered are free and clear of any and all liens, or claims of liens, for materials or services arising under, and by virtue of the provisions of K.S.A. 58-201, et seq., and any other lien, right, or claim of any nature or kind whatsoever.
13. The proposer responding to this proposal proposes to furnish all materials, labor, supplies, equipment and incidentals necessary to provide the equipment/materials/services described herein in accordance with the Notification of Solicitation (if applicable), Request for Information (if applicable), Request for Proposal, Addenda, Contract, Bonds, Insurance, Plans, Specifications, Mandatory Requirements and Conditions.
14. If a response to this Request for Proposal is accepted, the proposer agrees to execute and deliver to the County a contract in accordance with the Contract Documents (if applicable) within ten days of notice of the award to the Proposer.
15. If a proposer is awarded a contract, Domestic (Kansas) corporations shall 1) furnish evidence of good standing in the form of a Certificate signed by the Kansas Secretary of State. Foreign (non-Kansas) corporations shall furnish evidence of authority to

transact business in Kansas, in the form of a Certificate signed by the Kansas Secretary of State; and 2) a copy of the Corporation Resolution evidencing the authority to sign the Contract Documents, executed by the Corporation's Secretary or Assistant Secretary.

16. The proposer hereby certifies that he or she has carefully examined all of the documents for the project, has carefully and thoroughly reviewed this Request for Proposal, understands the nature and scope of the work to be done; and that this proposal is based upon the terms, specifications, requirements, and conditions of the Request for Proposal and documents. The Proposer further agrees that the performance time specified is a reasonable time, having carefully considered the nature and scope of the project as aforesaid.
17. It will be understood that any proposal and any/all referencing information submitted in response to this Request for Proposal will become the property of Sedgwick County, and will not be returned. Sedgwick County will use discretion with regards to disclosure of proprietary information contained in any response, but cannot guarantee that information will not be made public. As a governmental entity, Sedgwick County is subject to making records available for disclosure after Board of County Commission approval of the recommendation. Any confidential or proprietary information should be clearly marked.
18. Sedgwick County reserves the right to cancel the work described herein prior to issuance and acceptance of any contractual agreement/purchase order by the recommended vendor even if the Board of County Commissioners has formally accepted a recommendation.
19. Sedgwick County will issue a purchase order/contract for the acquisition of products/services specified as a result of an award made in reference to this document. Contract documents will be subject to any regulations governed by the laws of the State of Kansas and any local resolutions specifically applicable to the purchase. Any dispute arising out of the contract documents or their interpretation will be litigated only within the courts of the State of Kansas.
20. County reserves the right to enter into agreements subject to the provisions of the Cash Basis Law (K.S.A. 10-1112 and 10-1113), the Budget Law (K.S.A. 79-2935). Agreements shall be construed and interpreted so as to ensure that the County shall at all times stay in conformity with such laws, and as a condition of agreements the County reserves the right to unilaterally sever, modify, or terminate agreements at any time if, in the opinion of its legal counsel, the Agreement may be deemed to violate the terms of such law.
21. No prepayment of any kind will be made prior to implementation. Payment of the seller's invoices is subject to adjustment for any shortage, or for the rejection of any item or items.
22. Unless specified elsewhere in the document, all prices quoted must be F.O.B. County destination and will include all delivery, handling, and any other charges related to delivery including surcharges.
23. The successful proposer may have access to private or confidential data maintained by the County to the extent necessary to carry out its responsibilities of the contract. Contractor shall be responsible for compliance with the privacy provision of the Health Insurance Portability and Accountability Act (HIPAA) and shall comply with all other HIPAA provisions and regulations applicable.
24. The successful proposer agrees all data, records and information, which the proposer, including its agents and employees, obtains access to for the purposes of this proposal, remains at all times exclusively the property of Sedgwick County. Proposer agrees it will take all reasonable steps and the same protective precautions to protect Sedgwick County's proprietary information from disclosure to third parties as with successful proposer's own proprietary and confidential information. Proposer agrees that all data, regardless of form that is generated as a result of this Request for Proposal is the property of Sedgwick County.
25. The Proposer agrees to comply with K.S.A. 44-1030, and hereby agrees that:
 - a. He or she will observe the provision of the Kansas Commission on Human Rights and will not discriminate against any person in the performance of work under the present contract because of race, religion, color, sex, national origin, ancestry, or physical disability;
 - b. In all solicitations or advertisements for employees, he or she will include the phrase, 'Equal Opportunity Employer,' or a similar phrase to be approved by the Kansas Commission on Human Rights;
 - c. If he or she fails to comply with the manner in which he reports to the Kansas Commission on Human Rights, he will be deemed to have breached the present contract, and it may be canceled, terminated, or suspended, in whole or in part, by Sedgwick County, Kansas;
 - d. If he or she is found guilty of a violation of the Kansas Act Against Human Rights under a decision, or order of the Kansas Commission on Human Rights which has become final, he or she will be deemed to have breached the present contract, and it may be canceled, terminated, or suspended, in whole or in part, by Sedgwick County, Kansas; and,
 - e. He or she will include the provisions of subsections (a) through (d) inclusively of this paragraph in every subcontract or purchase order so that such provision will be binding upon such subcontractor or vendor.
26. Sedgwick County is desirous of allowing as many vendors as possible the opportunity to participate including minority men and women-owned businesses, and small businesses in the roles of providing goods and services to Sedgwick County. If your company does not fall into any of these categories, your efforts to contract with vendors who do fall into these categories are appreciated. Construction projects utilizing subcontractors requires a subcontracting worksheet. Contact purchasing department for details.
27. By submission of a response, the Proposer agrees that at the time of submittal, he or she: (1) has no interest (including financial benefit, commission, finder's fee, or any other remuneration) and will not acquire any interest, either direct or indirect, that would conflict in any manner or degree with the performance of Proposer's services, or (2) benefit from an award resulting in a "Conflict of Interest." A "Conflict of Interest" will include holding or retaining membership, or employment, on a board, elected office, department, division, or bureau, or committee sanctioned by and/or governed by the Sedgwick County Board of County Commissioners. Proposers will identify any interests, and the individuals involved, on separate paper with the response and will understand that the County, at the discretion of the Purchasing Director in consultation with the County Counselor, may reject their proposal.

28. No gifts or gratuities of any kind shall be offered to any County employee at any time.
29. The Proposer certifies that this proposal is submitted without collusion, fraud, or misrepresentation as to other Proposers, so that all proposals for the project will result from free, open, and competitive proposing among all vendors.
30. Prior to the opening of proposals, proposers may correct, modify, or withdraw their proposals. A proposer who wishes to withdraw a proposal must make the request in writing to the Purchasing Director. Any correction or modification to a proposal must be submitted in writing and in a sealed envelope clearly identifying the envelope as being a correction or modification to the proposer's proposal.

10. INDEMNIFICATION

To the fullest extent of the law, the Provider, its subcontractor, agents, servants, officers or employees shall indemnify and hold harmless Sedgwick County, including, but not limited to, its elected and appointed officials, officers, employees and agents, from any and all claims brought by any person or entity whatsoever, arising from any act, error, or omission of the provider during the providers performance of the agreement or any other agreements of the provider entered into by reason thereof. The provider shall indemnify and defend Sedgwick County, including, but not limited to, its elected and appointed officials, officers, employees and agents, with respect to any claim arising, or alleged to have arisen from negligence, and/or willful, wanton or reckless acts or omissions of the provider, its subcontractor, agents, servants, officers, or employees and any and all losses or liabilities resulting from any such claims, including, but not limited to, damage awards, costs and reasonable attorney's fees. This indemnification shall not be affected by any other portions of the agreement relating to insurance requirements. The provider agrees that it will procure and keep in force at all times at its own expense insurance in accordance with these specifications.

11. SELECTION CRITERIA

The selection process will be based on the responses to this Request for Proposal and any interviews required to verify the ability of proposer to provide services in accord with this document. A committee will evaluate each proposer's response as determined by meeting the following criteria (ranked in no particular order):

- Demonstrate clearly and completely your ability and capacity to meet all Request for Proposal Conditions and miscellaneous instructions as outlined herein, and the clarity, completeness and comprehensiveness of the proposal.
- Meeting or exceeding all provider qualifications requirements and/or specifications as outlined herein.
- Proposing the equipment described herein with the most advantageous and prudent methodology to the Sedgwick County Fire Department.
- Purchase price.
- Delivery date.

12. PRICING

2009 Model Base Price \$ _____ each

2010 Model Base Price \$ _____ each

One (1) set maintenance manuals – CD ROM or paper (Circle one) \$ _____

Option Shelving (See Section R, Page 9)

Option # 1 Fixed Shelving: \$ _____ each

Option #2 Adjustable Slide Trays: \$ _____ each

Delivery date: _____

**PROPOSAL RESPONSE FORM
09-0109
SQUAD FIRE TRUCK**

The undersigned, on behalf of the bidder, certifies that: (1) this offer is made without previous understanding, agreement or connection with any person, firm, or corporation submitting a bid on the same project; (2) is in all respects fair and without collusion or fraud; (3) the person whose signature appears below is legally empowered to bind the firm in whose name the proposal is entered; (4) the person has read the complete Request for Bid and understands all provisions; (5) if accepted by the County, this bid is guaranteed as written and amended and will be implemented as stated and upon signing of a contract; and (6) mistakes in writing of the submitted bid will be the responsibility of the bidder.

FIRM NAME _____

CONTACT _____

ADDRESS _____ CITY/STATE _____ ZIP _____

PHONE _____ FAX _____ HOURS _____

TAX PAYER I.D. NUMBER _____

COMPANY WEB SITE ADDRESS _____ E-MAIL _____

NUMBER OF LOCATIONS _____ NUMBER OF PERSONS EMPLOYED _____

TYPE OF ORGANIZATION: Public Corporation _____ Private Corporation _____

Sole Proprietorship _____ Partnership _____ Minority Business _____ Woman-Owned Business _____

Small Business _____

GENERAL NATURE OF BUSINESS _____

Manufacturer _____ Distributor _____ Retail _____ Dealer _____ Service _____

ACKNOWLEDGE RECEIPT OF ADDENDA: All addendum(s) are posted to our RFQ/RFP web page and it is the vendor's responsibility to check and confirm all addendum(s) related to this document by going to www.sedgwickcounty.org/purchasing.

NO. _____, DATED _____; NO. _____, DATED _____; NO. _____, DATED _____

Establish contract pricing for a total of three (3) units.

In submitting a response to this document, vendor acknowledges acceptance of all sections of the entire document and has clearly delineated and detailed any exceptions.

Signature _____ Title _____

Print Signature _____ Date _____