

BOARD OF COUNTY COMMISSIONERS, COLUMBIA COUNTY, FLORIDA
LAKE CITY, FLORIDA
INFORMATION TO BIDDERS BID NO. 2008-K

The Board of County Commissioners will receive sealed bids in the office of Commissioners, 135 NE Hernando Avenue, Post Office Box 1529, Lake City, FL 32056-1529, (386) 719-2028, until 2:00 P.M. on September 24, 2008 for the following:

Fire Truck Maintenance.

Bids will be publicly opened and read in the Commissioner office at 2:00P.M.on September 24, 2008 or as soon thereafter as practical. Bidders are fully responsible for the delivery of the bids. Bids may be withdrawn at any time prior to the bid opening. Late bids will not be accepted and will be returned to the bidder, unopened. Telegraph and telephone bids will not be accepted under any circumstances.

The Board shall reserve the right to reject any and all bids.

The bidder is required to use the "Bid Form" attached and hereto, which attached to the "Information to Bidders" and "Specifications" shall remain intact. Any variation from these minimum specification must be clearly stated on a separate sheet and attached to the "Bid Form" Only one bid form set will be furnished each company or corporation interested in bidding. The one complete bid form set is to be submitted in a sealed envelope, on the outside of which shall be marked "**Sealed Bid For Fire Truck Maintenance**" and the name and address of the firm submitting the bid.

All Bids are to be firm, valid and subject to acceptance for a period of 30 days after bid opening date. All goods to be bid F.O.B. Columbia County, Florida

Payment of approved invoices, timely submitted, are made bi-weekly.

**Columbia County, Florida
Purchasing Department
General Instructions to Bidders**

These instructions will bind bidders and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether the bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgment, experience and efficiency of bidder.
 - D. The performance of previous contracts with Columbia County.
 - E. The suitability of equipment or material for county use.
 - F. The ability of bidder to provide future maintenance.
2. Payment Terms are net (30) unless otherwise specified. Favorable terms, discounts, may be offered and will be considered in determining low bids if they are deemed by Purchasing Department to be advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. Unit price will prevail in case of errors.
4. All requested information shall be included in the envelope. All desired information must be included for your bid to receive full consideration.
5. If anything on the bid request is not clear, you should contact the Purchasing Director immediately.
6. A bidders list is available at the Purchasing Office.
7. Quote all prices F.O.B. our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope including Fed Ex, UPS or other delivery service envelopes, as a sealed bid. The name of the item being bid shall be shown on the outside in full.
9. No responsibility shall attach to any County representative or employee for the premature opening of bids not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised or excepted if determined to be in the counties best interest.
11. Bids received late will not be accepted, and the County will not be responsible for late mail delivery.
12. Telephone and facsimile bids will not be acceptable in formal bid openings (sealed bids). Should a bid be misplaced by the County and found later, it will be considered. Any bidder may request and shall receive a receipt showing the day and time any bid is delivered to the appropriate office of the County from the personnel thereof.
13. Bids requiring bid bonds will not be accepted if bond is not enclosed. Cash or certified check will be accepted in lieu of bond except on construction projects where cost exceeds \$40,000.

14. All bidders must be recognized dealers in the materials or equipment specified and is qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and the County Manager that he has the requisite organization, capital, plant, stock ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions, or admissions of required information or any changes to specifications or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, that is; a variation that affects price, quantity, and quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identification and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the best interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that did not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. The ESTIMATED QUANTITY given in the specifications or advertisements is for the purpose of bidding only. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacture's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. The successful bidder on motor vehicle equipment shall be required to furnish with delivery of vehicle, certificate of origin and any other appropriate documentation as required by the Florida Motor Vehicle Department.
22. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.

23. All materials, equipment and supplies shall be subject to rigid inspection, under the immediate supervision of the Purchasing Department, its designee and /or the department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being instructed by the Purchasing Department or designee, shall remove, or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the Contractor release him from his obligation to perform and deliver to the County Sound and satisfactory materials, equipment, or supplies. The Contractor agrees to pay the costs of all tests upon defective material, equipment, or supplies or allow the costs to be deducted from any monies due him from the County.
24. Unless otherwise specified by the Purchasing Department all materials, supplies, or equipment quoted herein must be delivered within thirty (30) days from the day of notification or exceptions noted on bid sheets.
25. A contract will not be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County to perform work satisfactorily, either to the character of the work, the fulfillment or guarantee, or the time consumed in completing the work.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
27. Submitting a proposal when the bidder intends to sublet the contract may be a cause for rejection of bids or cancellation of the contract by the County Manager.
28. Unless otherwise specified the County reserves the right to award each items separately or on a lump sum basis whichever is in the best interest of the County.
29. The County reserves the right to reject any and/or all quotations, to waive any minor discrepancies in the bids for all bidders equally, quotations, or specifications, when deemed to be in the best interest of the County and also to purchase any part, all or none of the materials, supplies, or equipment specified.
30. Failure of the bidder to sign the bid or have the signature of an authorized representative or agent on the bid proposal in the space provided will be cause for rejection of the bid. Signature must be written in ink. Typewritten or printed signatures will not be acceptable.
31. Any bidder may withdraw his bid at any time before the time set for the opening of the bids. No bid may be withdrawn in the thirty- (30) day period after bids are opened.

32. It is mutually understood and agreed that if at any time the Purchasing Department or designee shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that the contractor is willfully violating any of the conditions or covenants of the agreement, or executing the same in bad faith, the Purchasing Department or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice, or letter to address given in the proposal. If after three (3) working days of notification the conditions are not corrected to the satisfaction of the Purchasing Director, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors, or assigns, shall pay the amounts of such excess to the County on notice made by the Purchasing Department or his designee of the excess due.
33. If the bidder proposes to furnish any item of foreign make or product, he shall write "foreign" together with the name of the originating country opposite such item on a proposal.
34. Any complaint from bidders relative to the invitation to bid or attached specifications shall be made prior to the time of opening bids; other wise, the bidder waives any such complaint.
35. Contracts may be cancelled by the County with or without cause on thirty- (30) days advance written notice.
36. All contractors submitting bids for road projects in excess of \$150,000 must be pre-qualified with the Florida Department of Transportation and shall provide proof of such qualification upon request.
37. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for Columbia County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturdays, Sundays and legal holidays), after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
38. A person or affiliate who has been placed on the convicted vendor's list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to Columbia County, may not submit a bid on a contract with Columbia County for the construction or repair of a public building or public work, may not submit bids on leases of real property to Columbia County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with Columbia County, and may not transact business with Columbia County for a period of 36 months from the date of being placed on the convicted vendor list.

**INVITATION TO BID
BID NO. 2008-K
FIRE TRUCK MAINTENANCE
SPECIFICATIONS**

Objective

It is the county's objective to contract with a qualified emergency vehicle equipment repair facility to perform required repairs and maintenance on the County's fleet of fire trucks, pumps, ambulances and other various emergency apparatus. All questions regarding this invitation to bid shall be submitted to the purchasing department in writing to fax number (386) 758-2182.

Proposed Scope of Services

Bidders shall submit proposal for emergency vehicle maintenance, however the proposals are not limited to proposed scope of services should the bidder feel they have services available that may be of benefit to the county.

Service Location

Bidders shall be required to perform maintenance services and minor repair services at a designated county location

Scheduling and Response Time Requirements

Bidder shall provide the county with a Preventative Maintenance schedule within fourteen (14) calendar days from award of contract.

Bidder shall provide the county one (1) week prior notification to scheduled service

Bidder shall complete scheduled service for each truck within 24 hours of beginning service and notify main office prior to start of work

Invoicing

Bidder shall submit a checklist of work performed with each invoice as maintenance is completed for each apparatus, listing at a minimum each item required in the specifications, along with invoice for proper payment.

Preventative Maintenance Services

FIRE TRUCKS, PUMPS, AND APPARATUS:

The following inspection and service shall be performed semi-annually:

Oil and Filter Change

Inspection of Fire Engine (to include)

All electrical components, Engine & Transmission

All items on attached Semi-annual Checklist

The following service shall be performed annually:

Pump test with certification as per attached checklist

AMBULANCES:

Perform following every 10,000 miles or Semi-annually (which ever comes first)

Change engine crankcase oil

Replace oil filter

Reset Oil Life System (OLS)

Check coolant level and top off if necessary

Check driveline U-joints and flanges for tightness, tighten if necessary

Check and lubricate all driveline bearings

Check the following gauges for proper operation, notify our office of any discrepancies

Ammeter _____ Voltmeter _____

Tachometer _____ Air pressure _____

Water Temp _____ Oil pressure _____

Transmission Temp _____

Check transmission oil level, top off if necessary

Check for transmission oil leaks, notify our office of any leaks

Oil leaks _____ Fuel leaks _____ Engine cooling system leaks _____

Inspect engine belt(s) replace as needed or at minimum every 150,000 miles

Inspect all engine hoses for condition, replace if necessary

Check power steering and brake fluid levels (if applicable) top off if necessary

Check differential oil level and check for oil leaks, top off if necessary, notify of any leaks

Inspect air filter change indicator and replace filter if indicated

Check wiper blades for tears or cuts and replace as required

Brake Inspection

Inspect the complete system. Inspect brake lines and hoses for proper hook-up, binding, leaks, cracks, chafing, etc. Inspect disc brake pads for wear and rotors for surface condition. Inspect other brake parts, including calipers, parking brake, etc.

Check and correct tire pressure. Inspect tires and wheels for damage and wear. Measure and document tread depth.

Lubricate all hinges and latches, including those for the body doors, hood, secondary latch, pivots, spring anchor, release pawl, rear compartment, glove box door, console door, and any folding seat hardware. Lubricate the key lock cylinders with the lubricant Superlube®.

Lubricate chassis

Every 30,000 miles or 12 months (which ever comes first)

Replace Fuel filter

Cooling system service. Clean the cooling system filter cap with clean water, clean the core, pressure test the cap and the system for proper pressure capability, and inspect condition of cooling and heater hoses and clamps. Replace hoses if cracked, swollen, or damaged.

**BID FORM
2008-K**

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS, LAKE CITY, FL

BID FORM FOR: FIRE TRUCK MAINTENANCE

Bids must be received in the Office of the Board of County Commissioners, Columbia County, 135 NE Hernando Avenue, P.O. Box 1529, Lake City, FL, 32056-1529. No later than 2:00 P.M., on September 24, 2008, in a sealed envelope, plainly marked: "Sealed Bid For: Fire Truck Maintenance" and the name of the firm submitting bid.

Bids will be opened in the Office of the Board of County Commissioners at 2:00 P.M, on September 24, 2008.

Columbia County reserves the right to reject any and/or all bids and to accept the bid in the county's best interest.

Prices proposed for the semi-annual and annual services shall include all labor, materials, parts, equipment, fluids and any other incidentals that may be required to complete the scope of service. Items excluded are strobe or mercury vapor lights.

Please list below your staff/technician certifications and experience. (Attach extra page if needed)

TECHNICIAN NAME	CERTIFICATIONS	EXPERIENCE

Service Location

Indicate the location that will be servicing vehicles off county premises

Proposal Schedule

ITEM #	DESCRIPTION	Maintenance Contract price <u>per service</u> for all labor, equipment, parts and materials to complete the services specified on PM checklist	
F46	Ford Explorer	Semi-annual	\$
		Annual	\$
12277/B41	1990 F350 Truck	Semi-annual	\$
		Annual	\$
8634/B411	1993 F350 Brush Truck	Semi-annual	\$
		Annual	\$
9945/B42	1997 F350 Brush Truck	Semi-annual	\$
		Annual	\$
9948/B43	1997 F350 Brush Truck	Semi-annual	\$
		Annual	\$
12330/B434	2004 F350 Brush Truck	Semi-annual	\$
		Annual	\$
11909/B435	1995 F250 Brush Truck	Semi-annual	\$
		Annual	\$
8633/B44	1993 F350 Brush Truck	Semi-annual	\$
		Annual	\$
9947/B45	1997 F350 Brush Truck	Semi-annual	\$
		Annual	\$
B450	2003 F450 Brush Truck	Semi-annual	\$
		Annual	\$
7053/S46	Truck F350	Semi-annual	\$
		Annual	\$
13011/QR40	2006 T-300 Kenworth	Semi-annual	\$
		Annual	\$
	2007 T-300 Kenworth	Semi-annual	\$
		Annual	\$
12935/QR42	2007 T-300 Kenworth	Semi-annual	\$
		Annual	\$
12981/QR43	2007 T-300 Kenworth	Semi-annual	\$
		Annual	\$
13024/QR44	2007 T-300 Kenworth	Semi-annual	\$
		Annual	\$
13023/QR45	2007 T-300 Kenworth	Semi-annual	\$
		Annual	\$
12917/QR46	2007 T-300 Kenworth	Semi-annual	\$
		Annual	\$
13021/E40 (49)	2007 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual	\$
		Annual	\$
12744/E41	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual	\$
		Annual	\$

12745/E42	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
2220/E422	1989 Ford FMC F800 1000 Gallon Pumper Truck	Semi-annual Annual	\$ \$
12746/E43	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
12747/E44	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
12748/E45	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
13124/E455	2004 T300 Kenworth 1000 Gallon Pumper Truck	Semi-annual Annual	\$ \$
12749/E46	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
12750/E47	2005 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
13022/E48	2007 T300 Kenworth 1250 Gallon Pumper Truck	Semi-annual Annual	\$ \$
12914/T42	2007 Kenworth 3000 Gallon Tanker Truck	Semi-annual Annual	\$ \$
12921/T43	2007 Kenworth 3000 Gallon Tanker Truck	Semi-annual Annual	\$ \$
12437/T44	2004 Kenworth 3000 Gallon Tanker Truck	Semi-annual Annual	\$ \$
13025/T45	2004 Kenworth 3000 Gallon Tanker Truck	Semi-annual Annual	\$ \$
12431/T46	2004 Kenworth 3000 Gallon Tanker Truck	Semi-annual Annual	\$ \$
R 50	2006 GMC 4500 Ambulance	Semi-annual Annual	\$ \$
R 51	2006 GMC 4500 Ambulance	Semi-annual Annual	\$ \$
R 52	2006 GMC 4500 Ambulance	Semi-annual Annual	\$ \$
R 53	2006 GMC 4500 Ambulance	Semi-annual Annual	\$ \$
R 54	2008 GMC 4500 Ambulance	Semi-annual Annual	\$ \$
R 55	2008 GMC 4500 Ambulance	Semi-annual Annual	\$ \$
R 46	2002 Ford F 450 Super-duty Ambulance	Semi-annual Annual	\$ \$
R 42	1999 Ford F 450 Super-duty Ambulance	Semi-annual Annual	\$ \$

The following proposal schedule is for repairs only. Following are the terms for payment for County approved, requested repairs.

- The below rates must be inclusive of all incidental charges such as; mileage, travel time, cost of personnel and equipment required to perform repairs.
- Only one (1) minimum charge will be paid by the county for each repair incident unless repair parts, which are not normally stocked, must be ordered to complete the repair. In this event, the Bidder shall specifically note the parts are not available on the initial service report.
- The number of personnel dispatched for the repair shall be appropriate to the repair. If more than one (1) employee is needed for the repair, the Bidder must obtain prior county authorization by the designated County Representative or their designee. Payment will not be made without the County Representative or their designee's written acknowledgement.
- Normal business hours are defined as Monday through Friday, 8:00 AM through 5:00 PM.
- Emergency hours are defined as; Monday through Friday, 5:01 PM through 7:59 AM, Saturday through Sunday and Holidays observed by the county

Item #	Description	UOM	Unit Price
	Normal Business Hours		
1	State the minimum On-Site Service charge for County location-Only one (1) charge per service Allowed for one or more employees State the number of hours included in the Minimum On-site Service charge _____ Hours	Incident	\$
2	On Site Hourly rate per person after Minimum On-Site Service Charge has been met.	Per person/ Per hour	\$
3	State the minimum Off-Site Service Charge for work Performed at Bidder's location-Only one (1) charge Per service allowed for one or more employees. State the number of hours included in the Minimum Off-Site Service Charge: _____ hours	Incident	\$
4	Off-Site hourly rate per person. After Minimum Off-Site Service Charge has been met.	Per person/ Per hour	\$
	Emergency/After Hours		
5	State the Minimum On-Site Service Charge-Only (1) One charge per service allowed for one or more Employees. State the number of hours included in the Minimum On-Site service charge: _____ hours	Incident	\$
6	On-Site hourly rate per person after Minimum On-Site Service Charge has been met.	Per person/ Per hour	\$
7	Off-Site hourly rate per person after Minimum On-Site Service Charge has been met.	Per person/ Per hour	\$

Please state the following:

Maximum percentage increase for the second year of the initial contract: _____%

Maximum percentage increase for the third year of the initial contract: _____%

Response time for out of service apparatus begin within twenty four (24) hours upon receipt of a request:

Concur _____ Variance _____

Response time for apparatus at risk of further damages if not repaired quickly begin within forty-eight (48) normal working hours:

Concur _____ Variance _____

SEMI-ANNUAL CHECKLIST FOR PM MAINTENANCE

COLUMBIA COUNTY APPARATUS: _____

Date: _____ Technician: _____

Chassis

Ok Not Ok-

Explain

Change engine crankcase oil, top off if necessary and replace oil filter

Check coolant level in radiator and top off if necessary

Check driveline U-joints and flanges for tightness, tighten if necessary

Check lubrication on all driveline bearings, lubricate if necessary

Check the following gauges for proper operation, notify our office of any discrepancies

Ammeter _____ Voltmeter _____

Tachometer _____ Air pressure _____

Water Temp _____ Oil pressure _____

Transmission Temp _____

Check road transmission oil level, top off if necessary

Check for road transmission oil leaks, notify our office of any leaks

Oil leaks _____ Fuel leaks _____ Engine cooling system leaks _____

Check engine accessory V-belts for condition and tightness, tighten if necessary

Inspect all engine hoses for condition, replace if necessary

Check fluid level in batteries, top off if necessary

Check power steering and brake fluid levels (if applicable) top off if necessary

Check differential oil level and check for oil leaks, top off if necessary, notify on any leaks

Replace air filter(s), Fuel filter(s) and Water separator

Fire Pump

Check fire pump transmission oil, top off if necessary

Check for fire pump oil leaks, notify our office on any leaks

Check all suction and discharge valve threads, notify of any problems

Check fire pump heat exchanger and cooling lines for proper circulation and/or leaks, notify of any problems

Check pump panel lights for condition and proper operation

Check operation of vernier throttle, notify if any problems

Check operation of power pump shift, notify if any problems

Check operation of manual pump shift, notify if any problems

Check auto-lube oil level, top off if necessary

Change oil Yes _____ No _____

Check priming tank oil level, top off if necessary

Inspect pump packing, notify if any problems

Inspect pump shaft for wear, where applicable, notify if any problems

Check priming valve for proper operation, notify if any problems

CHECKLIST FOR ANNUAL PUMP TEST

COLUMBIA COUNTY

APPARATUS: _____

Date: _____

Technician: _____

Pump Test

Completed as per NFPA 1911, attached form must be completed and submitted to the Fire Chief.

- Vacuum test pump-dry prime at 20"-check for vacuum leaks
- Hydrostatically test pump. Check pump suction, discharge and drain valves for leaks
- Engage pump and operate at 150 PSI; maximum rated capacity for twenty (20) minutes
- Check speed counter and record RPM
- Operate pump at 200 PSI; pump 70% of maximum rated capacity for ten (10) minutes
- Operate pump at 250 PSI; pump 50% of maximum rated capacity for ten (10) minutes
- Spot check maximum capacity+
- Check indicator lights and gauges on pump panel for proper operation
- Check operation of tank to pump valve
- Exercise relief valve and check for proper operation
- Check operation of EM-governor if applicable
- Check for any unusual operation or noise in the pump and transmission
- Check operation of transfer valve on two stage pump

PTO pumps

- Check PTO mounting bolts
- Check PTL shaft, coupling, or V-belts as required
- Check drive unit oil if applicable, top off if necessary

FIRE DEPARTMENT

PUMPER SERVICE TEST RECORD

Date _____ Make of Apparatus _____ Engine No. _____
 Governed RPM _____ Pump Gear _____
 Make of Pump _____ Model _____ Serial No. _____
 Pump Capacity _____ At _____ PSI Pump Gear Ratio _____
 Test Location _____ Time _____
 Temperature _____ Barometric Press. _____ in. Hg
 Hard Suction Size _____ Length Used _____
 Prime Obtained in _____ Sec.
 Lift From Center of Pump To Water _____
 Tested By _____

TEST SUMMARY

	Test #2	Test #3	Test #4	Test #5
Engine Pressure (Master)				
Suction/Lift Allowance				
Net Pump Pressure				
Gallons Per Minute				
Corrected RPM's				

Mechanical work done during test: _____

Remarks: _____

TEST ONE: Dry Vacuum Test

Vacuum developed _____ in. Hg in _____ seconds

Reading after ⁵ minutes _____ in. Hg _____ Passed _____ Failed

TEST TWO: 100% Capacity at 150 PSI, NPP 20 Minutes

Hose Layout: _____ Tip Size: _____

Time	Pitot	Master Press.	Master Vacuum	Test RPM	Water Temp.	Oil Press	Gallons Per Min	Remarks

TEST THREE: 70% Capacity at 200 PSI, NPP 10 Minutes

Hose Layouts: _____ Tip Size: _____

TEST FOUR: 50% Capacity at 250 PSI, NPP 10 Minutes

Hose Layout: _____ Tip Size: _____

TEST FIVE: 10% Overload Test: 100% Capacity at 165 PSI, NPP

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CERTIFICATION PAGE
BID NO. 2008-K
FIRE TRUCK MAINTENANCE

I certify that this bid meets or exceeds the County specifications and that the undersigned bidder declares that I have carefully examined the specifications, term and conditions of this bid and I am thoroughly familiar with its provisions. The undersigned bidder further declares that he/she has not divulged, discussed or compared his bid with any other bidders and has not colluded with any other bidders or parties to a bid whatsoever for any fraudulent purpose.

COMPANY: _____ DATE: _____

ADDRESS: _____

PHONE NO: _____

SIGNATURE: _____

PRINT NAME/TITLE: _____