

Specifications	Bidder Complies	
	Yes	No
<p>CITY OF BELGRADE SPECIFICATIONS FOR A USED QUINT FIRE APPARATUS MARCH 2013</p> <p><u>INTENT OF SPECIFICATIONS</u> It shall be the intent of these specifications to cover the furnishing of a complete fire apparatus equipped as hereinafter specified. These specifications cover only the general requirements of the apparatus.</p> <p>Bids shall only be considered from companies that have an established reputation in the field of used fire apparatus sales and have been in business for a minimum of 10 years.</p> <p>Each bidder shall furnish satisfactory evidence of their ability to deliver the apparatus specified Bids shall be accompanied by an acceptable form of Bid Security in the amount of 10% of the total bid.</p> <p>The bid shall state the location of where the apparatus is located. The bidder shall also show that the company is in position to render prompt service and deliver apparatus.</p> <p>Each bid shall be accompanied by a detailed description of the apparatus and equipment proposed and to which the apparatus furnished under contract shall conform. These specifications shall indicate size, type, model and make of all component parts and equipment.</p> <p><u>QUALITY AND WORKMANSHIP</u> The apparatus will be manufactured by a reputable manufacturer, preferably Smeal or Pierce.</p> <p><u>DELIVERY</u> Apparatus shall be delivered to the Fire Department’s location in Belgrade, Montana. If repairs are needed, truck will not be accepted until repairs are complete.</p> <p><u>INFORMATION REQUIRED</u> The manufacturer shall supply at time of delivery, complete operation and maintenance manuals including any previous owner’s maintenance records.</p> <p>This will include at least three years of pump and ladder tests.</p> <p>A minimum of two (2) photos of the equipment.</p> <p><u>PERFORMANCE TESTS AND REQUIREMENTS</u> Vehicle shall adhere to the following parameters:</p> <p style="padding-left: 40px;">A) The apparatus, when fully equipped and loaded, shall have not less than 25% nor more than 50% of the weight on the front axle, and not less than 50% nor more than 75% on the rear axle.</p>		
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<p>B) The service brakes shall be capable of stopping a fully loaded vehicle in 35 feet at 20 mph on a level concrete highway. The air brake system shall conform to Federal Motor Vehicle Safety Standards (FMVSS) 121.</p> <p>C) The apparatus, fully loaded, shall be capable of obtaining a speed of 50 mph on a level concrete highway with the engine not exceeding its governed rpm (full load).</p> <p>D) The apparatus shall have the following tests completed prior to delivery of apparatus:</p> <ul style="list-style-type: none"> -UL Non-destructive ladder test -UL Pump test -DOT inspection <p style="text-align: center;">ANY DISCREPENCIES FOUND SHALL BE DISCLOSED AND REPAIRED PRIOR TO DELIVERY.</p> <p><u>SPECIFICATION BID REQUIREMENTS</u></p> <p>Bidders shall also indicate in the "yes/no" column if their bid complies on each item (PARAGRAPH) specified. Exceptions shall be allowed if they are equal to or superior to that specified and provided they are listed and fully explained on a separate page.</p> <p>Proposals taking total exception to these specifications shall not be acceptable.</p> <p>Also, bidders shall submit a detailed proposal. Bid proposals shall be submitted in the same sequence as specifications for ease of evaluation, comparison and checking of compliance. An exception to these requirements shall not be tolerated.</p> <p><u>EXCEPTIONS</u></p> <p>All exceptions shall be stated no matter how seemingly minor. Any exceptions not taken shall be assumed by the purchaser to be included in the proposal, regardless of the cost to the bidder.</p> <p><u>GENERAL CONSTRUCTION</u></p> <p>The apparatus, at time of manufacture, shall have been designed with due consideration to distribution of load between the front and rear axles. Weight balance and distribution shall be in accordance with the recommendations of the National Fire Protection Association.</p> <p><u>NFPA STANDARDS</u></p> <p>The apparatus must comply with the NFPA standards effective when the apparatus was manufactured or upgraded.</p> <p><u>WARRANTY</u></p>		

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<p>Each bidder shall supply, as a part of their bid package, a copy of the warranty or warranties that they propose to provide, and in no case shall it be less than one (1) year on the entire apparatus.</p> <p><u>CHASSIS</u> The chassis provided shall be a tilt-type custom fire apparatus. The chassis shall be no more than 10 years old. The chassis shall have no more than 50,000 miles.</p> <p><u>SEATING CAPACITY</u> The seating capacity in the cab shall be no less than four with at least three seats having locking SCBA storage.</p> <p><u>WHEELBASE</u> The wheelbase of the vehicle shall be no greater than 280 inches.</p> <p><u>GVW RATING</u> The gross vehicle weight rating shall be a minimum of 52,000 lbs.</p> <p><u>OVERALL LENGTH</u> The apparatus shall be less than 40 feet in overall length.</p> <p><u>BRAKES</u> The service brake system shall be full air type.</p> <p>The front brakes shall be disc type.</p> <p>The rear brakes shall cam operated with automatic slack adjusters.</p> <p><u>ENGINE BRAKE</u> An engine brake shall be on the apparatus.</p> <p><u>ENGINE</u> The chassis shall be powered by an electronically controlled diesel engine.</p> <p>The engine shall have less than 5,000 hours.</p> <p><u>TIRES</u> The tires shall have at least 50% life remaining.</p> <p><u>LADDER</u> The apparatus shall at least a 75' steel ladder.</p> <p><u>AUXILIARY LADDER INLET</u> The apparatus shall have an auxiliary ladder inlet.</p>		

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<p><u>GROUND LADDERS</u> The apparatus shall have a complete compliment of ground ladders.</p> <p>A list of included ground ladders shall be provided.</p> <p><u>HOSE</u> The apparatus shall be capable of carrying 1000' of 5 inch hose.</p> <p>The apparatus shall have a bed for 2-200' 1 3/4" pre-connected hoses.</p> <p>The apparatus shall have a bed for 1-200' 2 1/2" pre-connected hose.</p> <p>A pre-plumbed hose tray shall be in the center of the front bumper.</p> <p><u>SEAT UPHOLSTERY</u> All seat upholstery shall be in good condition with no rips or tears.</p> <p><u>COMMUNICATIONS SYSTEM</u> An in cab communications system shall be provided at each seat location.</p> <p><u>AIR CONDITIONING</u> The apparatus shall have air conditioning.</p> <p><u>BATTERY CHARGER</u> A battery charging system shall be on the apparatus.</p> <p>The battery charger shall be wired to the 120-volt shoreline to activate automatically when power is connected.</p> <p><u>EXTERIOR LIGHTING</u> Exterior lighting shall comply with Federal Department of Transportation, Federal Motor Vehicle Safety Standards and National Fire Protection Association requirements in effect at time of manufacture or upgrade.</p> <p><u>BACK-UP ALARM</u> A solid state electronic audible back-up alarm that actuates when the truck is shifted into reverse shall be operational.</p> <p><u>WATER TANK</u> Booster tank shall have a capacity of at least 300 gallons and be constructed of UV stabilized ultra high impact polypropylene plastic.</p> <p><u>COMPARTMENTATION</u> The apparatus shall have sufficient compartments with each having interior lights.</p>		

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<p><u>CLEANLINESS</u> All aspects of the apparatus shall be clean, well lubricated, with no rust or corrosion.</p> <p><u>LADDER TO TURN TABLE</u> A wide easy climbing access ladder to the turn table shall be present.</p> <p><u>PUMP</u> The apparatus shall have at least a 1500 GPM pump. Waterous is preferred.</p> <p><u>INTAKE RELIEF VALVE</u> A relief valve shall be on the suction side of the pump preset at 125 psig.</p> <p><u>MAIN PUMP INLETS</u> Two 6.00" pump manifold inlets shall be on the apparatus.</p> <p><u>INLET</u> A 2 1/2" auxiliary inlet shall be on the apparatus.</p> <p><u>MONITOR</u> A remote controlled monitor shall be on the ladder.</p> <p>This monitor shall include control station at the turn table controls and at the ladder tip</p> <p><u>NOZZLE</u> A Master Stream nozzle shall be provided. The nozzle shall have a range of 250 to 1000 GPM, and electric pattern control.</p> <p><u>FOAM PROPORTIONER</u> A foam proportioning system shall be on the apparatus.</p> <p><u>PUMP PANEL CONFIGURATION</u> The pump panel configuration shall be arranged in an organized manner that will provide user-friendly operation.</p> <p><u>WARNING LIGHTS</u> All warning lights shall meet NFPA standards when the apparatus was manufactured or upgraded.</p> <p>All warning lights shall be good working condition.</p> <p>THERE SHALL BE NO BLUE LIGHTS ON THE APPRATUS.</p> <p><u>GENERATOR</u> The apparatus shall be equipped with a complete 110 volt electrical power system.</p>		

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<p><u>240 VOLT LIGHTING</u> The apparatus shall be equipped with scene lighting.</p> <p><u>ELECTRIC CORD REEL</u> The apparatus shall have a cord reel.</p> <p><u>PAINT</u> All paint shall be in good condition with no rust. All paint flaws shall be repaired. All non-painted steel or aluminum surfaces shall be free of corrosion.</p> <p><u>COMPARTMENT INTERIOR FINISH</u> The interior of the body compartments shall be in good condition.</p> <p><u>REFLECTIVE BAND</u> A 10.00" white reflective vinyl band shall be provided across the front of the vehicle and along the sides of the body. A 4.00" band shall be provided at the rear of the apparatus.</p> <p><u>CHEVRON/INVERTED "V" STRIPING ON REAR BULKHEADS</u> There shall be alternating chevron striping located on the rear bulkheads.</p> <p><u>LETTERING</u> The apparatus shall be lettered to City of Belgrade specifications.</p>		