

# Raton Fire & Emergency Services

127 Clark Ave  
Raton, NM 87740

575-445-2708

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## ***REQUEST FOR SEALED BIDS***

### ***THIS IS NOT AN ORDER***

*Sealed bids will be received until 2:00 P.M., Friday, April 2, 2010 at the Office of the City Manager, P.O. Box 910, 224 Savage Ave., Raton, N.M. 87740. Bids are requested for furnishing the item described below, consisting of materials and/or services in accordance with terms set fourth herein. The City of Raton reserves the right to waive technicalities, accept or reject any or all bids and to issue a purchase order for any part thereof as deemed to be in the best interest of the City of Raton and the purchasing Department. Delivery shall be F.O.B. Raton, N.M.*

*Raton Fire & Emergency services is requesting proposals for a multi service unit capable of operating in a wildland urban interface environment as a Type 4 Engine, Type 2 Support Tender or a Type 1 Tactical Tender. The apparatus will be built on an International 7400 SFA 6 X 6 chassis. The truck will comply with all applicable areas of NFPA 1906 and 1901.*

*The apparatus will be used in harsh environments. The use of painted surfaces in low or heavy use areas should be minimized. This truck will be used both off road and highway.*

*Chassis will have a minimum 300 hp engine, Allison automatic, minimum speed 65 miles per hour. Cab will maximize comfort and safety for personnel and include air ride seats for driver and passenger. The truck will maximize ground clearance and have a front and rear minimum angle of departure of 20 degrees. Cab will include a brush and grill guard system which will protect the cab, roof*

lights, windows, grill and front bumper area. The assembly will allow for all engine access and operation of the front turret. Chassis will have all season tires on aluminum wheels.

The apparatus will be equipped with a 500 gpm PTO pump capable of stationary and pump and roll operations. An Elkhart sidewinder nozzle with pistol grip control and electronic valve will be installed on extended front bumper with controls located where the driver or officer can access. The water tank shall be a minimum of 2750 gallons meeting all NFPA baffling requirements and be designed for the lowest center of gravity possible to improve off road handling and highway safety. A 60 gallon foam cell will be included.

*Front Bumper:* In addition to brush and limb protection the front steel bumper extension will have a sidewinder nozzle, 1.5" swivel discharge with control valve and hose compartment with diamond plate cover and pneumatic hold open struts. Bumper will be constructed of steel channel angled at the sides. Front chevrons will be applied to match current fleet. The only allowed penetration to front bumper will be air horn and electronic siren.

*Pump Area:* The 500 gpm pump will include left, right and rear 2.5" discharges along with 3- 1.5" discharges above the pump assembly. Each transverse will be capable of holding a minimum of 200' of 1.75" double jacket hose. The compartments will be equipped with swivel fittings to allow hose deployment on left or right side of the truck. The compartment will have a diamond plate cover and vinyl weighted flaps for ember protection.

The truck will have a rear 2.5" direct tank fill and a 5" storz direct tank fill.

*Supply Hose Storage:* The apparatus will have storage for 150' of 5" hose and 300' of 2.5" hose. All hose areas will incorporate diamond plate covers and vinyl weighted flaps for ember protection.

*Hard Suction:* Storage for 20' of 4.5" hard suction will be included

*Portable Tank:* Storage of a 3000 gallon portable tank will be included. The location and loading will be such that 2

personnel will be able to easily unload and load the storage device. The tank should be protected from embers during transport.

*Tank level indicators:* There shall be tank level indicators located at the pump panel, interior cab and exterior sides of the cab. Foam level indicators will be in the cab and on the pump panel.

*Booster Reel:* An electronic rewind aluminum reel will be included with a capacity of 200' of 1" booster line.

*Foam System:* A Foam pro system will be included and supply the front bumper, 3 transverse lines and booster. Foam refill from pump panel and direct fill will be included.

*Tank Dump:* The truck will be equipped with a rear, left and right dump system and chutes which will be controlled from inside the cab by the driver.

All truck lighting will be LED. 12 volt scene lights will be included on right, left and rear of truck.

The truck will have sufficient compartments to allow for all fittings, tools and equipment required. At least one long tool compartment will be included for 2 forestry shovels, 2 McLeod's and 2 Pulaski's. One compartment designed for fittings, adapters and small appliances. A compartment capable of carrying a floating strainer and floating portable pump and a hose cabinet for rolled single jacket hose will also be included.

Paint, lettering and chevrons to match Department fleet.

The Department is willing to look at all designs that are in keeping with the use outlined for the apparatus and will safeguard its operators.

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