

Rawlins Fire Department
Pumper Proposal Specifications for NFPA Compliant Rural Fire Apparatus

1. Business class 4X4 chassis with 4 door cab.

2. Non SCBA Seating for 5 people.

3. Front and rear mounted tow hooks.

4. Rear back up alarm.

5. Center console provided. Intended to allow room to install radio head and provide storage for run report books ect. Allowable to be used for switches, cab pump controls and turret joy stick.

6. Aluminum Wheels with all terrain tires.

7. Kussmaul battery maintainer with on board air compressor.

8. Mounted Wheel chocks.

9. Equipped with an air dryer with a spin on replaceable desiccant filter.

10. Painted a darker shade of Red with black roof on cab. Black may extend lower than roof line to approximately the bottom of cab windows.

11. 380 HP engine minimum. Higher horsepower preferred if available.

12. Engine Exhaust Brake.

13. If apparatus has an air operated engine cooling fan, a cab operated override switch will be provided to manually engage fan.

14. Cruise control with high idle capability.

15. Bottom exit exhaust on passenger side exiting ahead of rear wheels. Exhaust needs to end slightly outside body to allow use of Nederman exhaust system.

16. Capable of highway speeds of 75 miles per hour or greater in 2 wheel drive. NFPA speed rating is waived by the City of Rawlins. _____

17. FLIR Thermal Camera Model K55 with charging base mounted and properly wired in apparatus.

18. 1250 Gallon per minute fire pump with pump and roll capability rated for an elevation of 7000 feet above sea level.

19. NFPA 1901 priming pump.

20. A fire pump manual providing information on operation, maintenance and parts will be provided by the manufacturer.

21. Cold weather fire pump package.

22. NFPA intake relief valve provided with 5" Storz connection.

23. Preferred 750 Gallon water tank with a built in foam tank for class A/B foam.

24. Installed illuminated water level gauge, viewable at the pump panel.

25. Foam pump proportioning system rated for use with Class A/B foam.

26. Cab operated front turret and pump controls.

27. Front spray bar.

28. Booster reel mounted preferably under cab with supplied 100' X ¾" hose, nozzle (TFT Twister Nozzle 1"NH W/PG 2 Flow Settings S/O Dual Gallonage 10 and 40 GPM @ 100psi at a minimum) and nozzle mount.

29. Provided booster reel blowout system.

30. Pre connected attack lines. One or both of these may be in the front bumper. Preferably at least one hoseline is located in the front bumper.

31. 100' Pre-connected 1.75" hose with nozzle mount.

32. 200' Pre-connected 1.75" hose with nozzle mount.

33. Brackets mounted to apparatus to hold (2) 6" x 10' hard suction hoses.

34. NFPA emergency light package. Permissible to be any combination of red, blue and white.
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35. Cab controlled electronic emergency siren.
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36. LED command light with provided power source. Desired capability of powering the Command light and a positive pressure ventilation fan. This may be a small hydraulic generator or a power inverter.
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37. Electric cord reel with 100' electrical cord provided on reel. #12 conductors and portable junction box. Akron EJBX junction box or similar with securing mount.
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38. Curbside Ladder Lift system on the Curbside of the apparatus with:
- a. One (1) 24-ft extension-type ground ladder.

 - b. One (1) 14' Roof Ladder.

 - c. One (1) 10' Folding ladder.

 - d. All ground ladders on the apparatus shall meet the requirements of NFPA 1931, Standard on Design of and Design Verification Tests for Fire Department Ground Ladders.
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39. 1 Blitzfire unmanned monitor mounted to apparatus with provided (Model#XXC-52 Blitzfire with stacked tips).
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40. Hose bed capable of carrying:
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41. 600' minimum of 5"LDH
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42. 600' of 2.5" hose.
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43. Storage for 1 pike pole and 1 closet hook with mounts installed and tools provided.
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44. Mounts for 1 pick axe and 1 flathead axe with mounts installed and tools provided.
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45. Storage for backboard with backboard provided.
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46. Storage for a minimum of 4 SCBA bottles.
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47. (4) SCBA mounts installed on a slide out tool board. Preferably on the passenger side of apparatus. We currently have Honeywell Titan packs with 45 minute bottles.

48. Mount for traffic cones with a minimum of 5 reflective traffic cones provided. Preferably 28" high cones or taller. Preferably in the pit area.

49. Mounted hydrant wrench/spanner wrench combination with tools provided. Preferably in close proximity to intake valves.

50. Mounted LDH spanner wrench mount with 2 provided LDH spanner wrenches.

51. If possible, a transverse front compartment with bi directional roll out tray.

52. Roll out trays on the bottom both rear compartments.

53. 2 adjustable shelves per compartment except compartment with slide out for air packs.

54. All compartment bottoms and shelves will be lined with Turtle Tile or similar dry decking.

55. All compartments will be illuminated. Preferably LED lighting.

56. All hose beds will have a cover including front bumper preconnect.

57. Loose Equipment:
 - a. 3 hand line nozzles. TFT GF3E1S, G Force 1.5" F valve with grip.

 - b. 600' of NFPA compliant 5"LDH supply hose.

 - c. 500' of NFPA compliant 1.75" Double Jacket Hose.

 - d. 600' of NFPA compliant Double Jacket 2.5" Hose.

 - e. (2) 6" X 10' Hard Suction Hoses.

Other Requirements:

1. Provided apparatus training for staff after apparatus arrives at Rawlins.

2. Printed operation and maintenance manuals for commercial chassis and fire package.

3. Operator's manuals for all provided equipment including foam system.

4. The graphics and department gold leaf lettering will be installed by the manufacturer.

5. The NFPA required rear chevron is waived by the City of Rawlins. No Chevron on the rear of the vehicle is specified.

6. Per NFPA 1901, a black reflective stripe will be installed on the interior of each cab door.

7. The manufacturer will provide a 20# purple K extinguisher mounted on the apparatus. This may be mounted in a compartment with easy access. Preferably in the passenger side rear compartment.

8. The two way radio shall be provided by the City and installed by the City.

Email _____ Fax _____

Company Name _____ Phone _____

Signature _____

Printed Name _____

STATE OF _____)

COUNTY OF _____)

On this ___ day of _____, 2019, _____ personally appeared before me, and being by me duly sworn, did say that he/she signed the above and foregoing document for and on behalf of the company listed above, with actual and requisite authority, and acknowledged to me that he/she has fully reviewed and executed the same as his/her free and voluntary act and deed.

Witness my hand and official seal.

My Commission Expires:

Notary Public