

June 8, 2011

**COMMONWEALTH OF VIRGINIA  
EASTERN REGION AND DOC AGRIBUSINESS  
SPECIFICATIONS FOR  
ONE TON 4x4 HD CREW CAB PICKUP TRUCK**

**PURPOSE:**

The purpose of this specification is to establish a purchasing requirement for a one ton heavy duty dual rear wheel pickup truck for use by the Eastern Region & DOC Agribusiness, Agencies, and other Public Bodies of the Commonwealth of Virginia for use in general commodity transportation and trailer towing.

The following specifications are intended to define the minimum level of quality and performance of the requested equipment, and are meant to be met or exceeded. The specifications are not meant to be restrictive as to brand name or manufacturer. The reference vehicle in this specification is a Ford F450 4-Door Crew Cab Dual Rear Wheels (DRW) 4x4, with standard 8' bed. All equipment bid may be the brand name and model, or shall be **equivalent** to brand names and/or any other specification elements using the **Use of Brand Names** clause (see General Terms and Conditions) in making an equivalence determination. Bidder must use the "Bidder Comments" lines at the right of the specification items to indicate compliance or deviation. A line left blank at a specification item indicates conformance to that specification item. Provide information in right column where indicated.

**SCOPE:**

Unless otherwise indicated, the specifications shall describe the **minimum requirements** for (1) new heavy duty 4x4 crew cab pickup truck, to be used by the Virginia Eastern Region & DOC Agribusiness.

**BIDDER REQUIREMENTS:**

The equipment offered in answer to this request for bid must be a new and unused current production model of the equipment required. No prototype or demonstrator product will be accepted, and offering of such a product will be cause for bid rejection.

Bidder shall provide complete technical specifications for the vehicle proposed. Bidders/Vendors shall indicate equivalence on the specifications form next to each specification item, using the lines provided across from the specification items. Bidders/Vendors shall indicate any deviations with appropriate reasons and documentation. The Commonwealth reserves the right to obtain technical data and to request clarification when deemed necessary. **Failure on the part of the bidder/Vendor to provide all requested documentation may be cause to reject the bid/request as non-responsive.**

Delivery of the vehicle must be made by \_\_\_\_\_. Deliver vehicle to \_\_\_\_\_, Attention: \_\_\_\_\_.

Provide delivery time After Receipt of Order (ARO) in the space provided following the vehicle specifications.

Product provided must include warranty to provide the best practical no-cost protection to the Commonwealth for correction or replacement as needed for defects in manufacturing, assembly, or parts to cover truck and all installed equipment. Provide documentation of warranty for the vehicle offered in response to this Invitation for Bids.

**SPECIFICATIONS:**

**VEHICLE SPECIFICATIONS**

**BIDDER COMMENTS**

1. Basic:

- a. Reference Vehicle: Ford F-450 4x4 DRW 4-door crew cab or equivalent:
- b. GVWR: 13,000 lbs. minimum
- c. Wheelbase: approximately 172.4" Wheelbase
- d. Pickup Bed Type: 8 ft. Long Bed

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2. Axles and Suspension:

- a. Front Driving Axle: 6,000 lbs GAWR moonbeam type, with front axle coil springs
- b. Rear Axle: 9,000 lbs. GAWR rear axle, with leaf springs, Dual rear wheels, approximately 4.30:1 ratio
- c. Full size spare tire with wheel
- d. Wheels: (7) 8-hole disc, 17" x 6.5" (Includes spare wheel)
- e. Tires: (7) LT245/75R x 17E BSW all terrain tires (on/off road)
- f. Gas filled shock absorbers front and rear
- g. Four wheel antilock braking system (ABS)

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3. Drive System:

- a. Eight (8) Cylinder Diesel Engine, 6.0 Liter, minimum
- b. Engine Block Heater
- c. 6-speed automatic Transmission with Tow/Haul feature
- d. Auxiliary transmission cooler
- e. Two speed transfer case

Engine HP: \_\_\_\_\_  
Torque: \_\_\_\_\_  
Displacement Liters: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Off-Road Equipment:

- a. (FX4) 4x4 Off-Road Package or equivalent, minimum items:
  - Transfer case and fuel tank skid plates
  - Rancho or equivalent shock absorbers
  - Limited slip differential, or equal traction control system
  - All terrain tires
- b. Traction Control or Limited Slip Rear Differential
- c. (ESOF) Electronic Shift-On-The-Fly 4WD system, Auto locking hubs

Indicate type: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Electrical:

- a. Batteries: Dual 78 amp/hr 750 CCA, minimum
- b. 200 amp minimum heavy duty alternator
- c. Power Windows and Power Door locks
- d. Cruise Control
- e. Map reading lights, at front and rear seating
- f. Dome light, door opening activated
- g. Minimum (1) 12VDC auxiliary power point in cab
- h. Back-up alarm

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