



United States Forest Service National Specification 643(U)

Available on GSA Contract Number GS-30F-0025V





Table of Contents

Contract and Ordering Information	3-5
Drawing	6
Summary Specifications	7-12
Net Pricing Information	13
Order Information Form	14-15
Apparatus Warranty	16

General Services Administration

Prices Shown Herein is Net (discount deducted)

Schedule:

Fire Fighting and Waste Disposal Vehicles, FSC Group 42, Part IV, Class 4210

Contractor:

SNF, Inc. dba Brand FX Body Company
2800 Golden Triangle Blvd.
Fort Worth, Texas 76177
Phone: 866-431-1131 or 817-431-1131
Facsimile: 817-306-7649
www.brandfxbody.com

Business Size:

Small Business Qualification / MWBE Certified / HUB Certified (TX)

Customer Information:

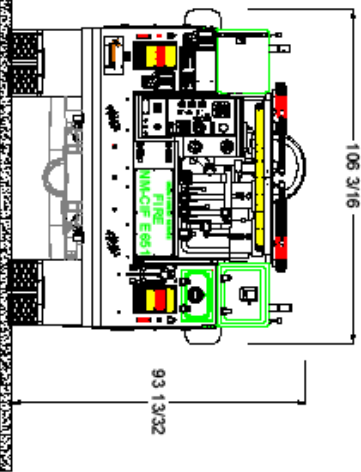
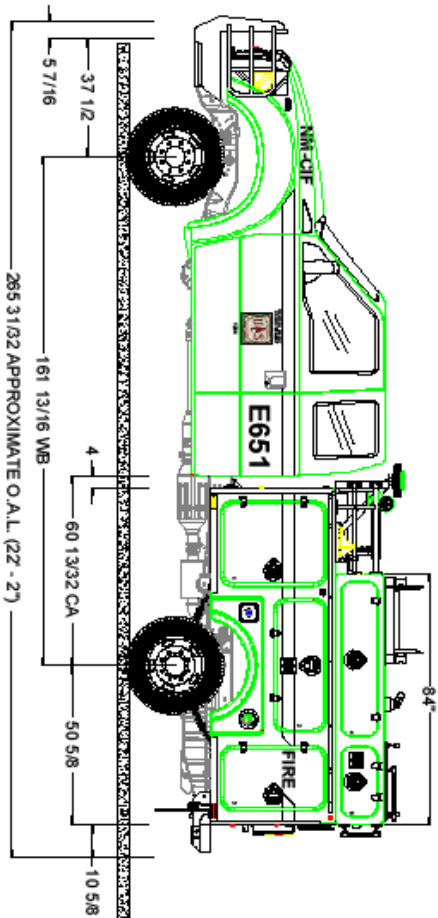
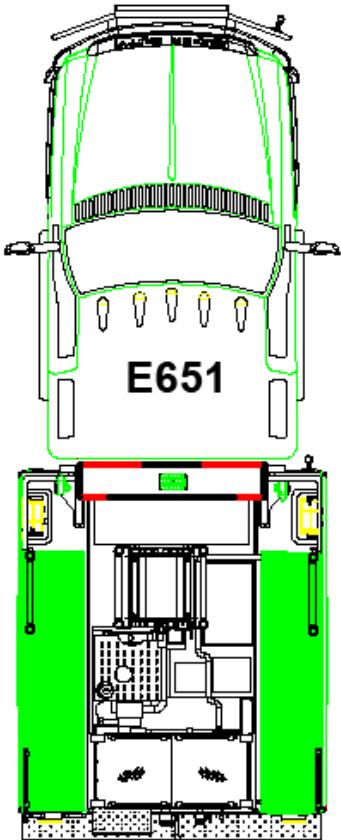
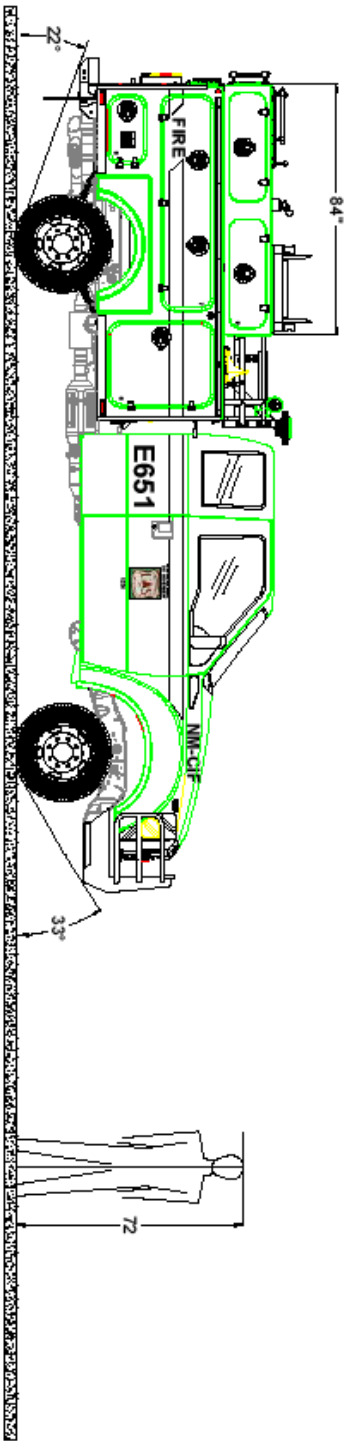
SINs

190-01: Fire Fighting Vehicles and Accessories:
661 Support Vehicles, 662 Light Engines, 643U Light Engines,
643P Light Engine
190-05: Wildland Fire Fighting Vehicle Bodies Mounted on Gov't
Provided Chassis:
661 Support Vehicles, 662 Light Engines, 643U Light Engines,
643P Light Engine

- | | | |
|-----|-------------------------|--|
| 1a. | Lowest Priced Model: | Command Support Unit on Government Supplied Chassis: \$8325.00 |
| 1b. | Hourly Rates: | Not Applicable |
| 2. | Minimum Order: | \$100.00 |
| 3. | Geographic Coverage: | USA (50 States) |
| 4. | Production Point: | City of Fort Worth, Tarrant County, Texas |
| 5. | Statement of Net Price: | See Subsequent Pages |
| 6. | Quantity Discounts: | None with Maximum Order Limitation |
| 7. | Prompt Payment Terms: | 0.4% - 10 Days; 0.2% - 20 Days; Net – 30 Days |

- | | | |
|------|-------------------------------------|--|
| 8. | Gov't Purchase Cards: | Only Accepted at or Below the Micro-Purchase Threshold |
| 9. | Foreign Items: | None |
| 10a. | Time of Delivery: | 661LC & 662LC Models: 150 Days ARC*
661 & 662 Models: 270 ARO*
643U-C & 643P-C: 270 ARO*
643U-LC & 643P-LC: 150 Days ARC* |
| 10b. | Expedited Delivery: | Items Available for Expedited Delivery are Noted in this Price List. None are Currently Available for Expedited Delivery. |
| 11. | FOB Point: | Origin, Contractor's Facility |
| 12a. | Ordering Address: | Same as Contractor's Address Above |
| 12b. | Ordering Procedures: | For Supplies and Services, the Ordering Procedures, Information on Blanket Purchase Agreements are Found in Federal Acquisition Regulation (FAR) 8.405-3 |
| 13. | Payment Address: | Same as Contractor's Address Above |
| 14. | Warranty Provision: | Twelve (12) Months Basic Warranty plus Others Based on Product Type. Contact Brand FX for details. |
| 15. | Export Packing Charges: | Not Available |
| 16. | Terms of Gov't Purchase Card: | Contact Contractor |
| 17. | Terms of Rental, Maint. and Repair: | Not Applicable |
| 18. | Terms of Installation: | Not Applicable |
| 19. | Terms of Repair Parts: | Available Online at www.brandfxbody.com or call 877-347-3011. |
| 20. | Terms of Other Services: | Not Applicable |
| 21. | List of Service Points: | Contact Contractor |

- 22. Participating Dealers: Not Applicable
- 23. Preventative Maintenance: Normal per Manufacturer's Manuals
Provided on Delivery
- 24. DUNS Number: 10-054-0710
- 25. CCR Notification: Registration is Current in CCR as SNF, Inc.
dba Brand FX Body Company



- Notes:
1. All dimensions in inches unless otherwise noted
 2. All dimensions and item locations are approximate and are subject to minor variations that occur during construction
 3. Measurements from ground based on a 33-1/2" frame height and may vary
 4. Chassis: Ford F-550 Extended Cab
 5. Pump: Darley 1-1/2 AGE - 34 HP Diesel Driven Auxiliary Pump
 6. Tank: 300 Gallon Water Tank w/ 12 Gallon Foam Cell

DESIGNED BY: J. HANSEN
 DRAWING TITLE: CHASSIS DRAWING

BRAND, PX

DESIGNED BY:	J. HANSEN
DRAWING TITLE:	CHASSIS DRAWING
DATE:	05/26/2010
SCALE:	1

U.S. Forest Service 643(U) – Summary Specifications
Detailed Specification Available Upon Request

Chassis

- 1. 2011 Ford F-550 Super Cab**
- 2. Forest Service Green Chassis Paint***
- 3. Four Wheel Drive**
- 4. 162” Wheelbase**
- 5. 60” Cab-To-Axle**
- 6. 7,000 lb. Front Spring Rating**
- 7. 14,706 lb. Rear Spring Rating**
- 8. 19,500 lb. Gross Vehicle Weight Rating (GVWR)**
- 9. 6.7L OHV Power Stroke V8 Turbo Diesel**
- 10. Engine Block Heater**
- 11. TorqShift 6-Speed Automatic Transmission**
- 12. Dual 160 Amp Alternators**
- 13. Two (2) 750 CCA Batteries (1500 CCA Total)**
- 14. Two Speed Electric Shift-On-The-Fly Transfer Case**
- 15. High Idle Control System**
- 16. Heavy Duty Cooling System**
- 17. 4.88 Limited Slip Rear Axle**
- 18. High Capacity Trailer Tow Package**
- 19. Snow Plow Prep Package**
- 20. Operator Command Regeneration Switch**
- 21. Power Equipment Group Includes the Following:**
 - **Manual Telescoping, Trailer Tow Mirrors with Power, Heated Glass, Heated Convex Spotter Mirrors, Integrated Clearance Lamps and Turn Signals**
 - **Power Front Side Windows**
 - **Power Locks**
 - **Remote Keyless Entry**
- 22. Front & Rear Anti-Lock Brakes**
- 23. 40 Gallon Fuel Tank with Auxiliary Fuel Tap**
- 24. 225/70R19.5 Max Traction Tires**
- 25. Full Size Spare Tire with Jack and Lug Wrench**
- 26. Chassis Cab Air Conditioner**
- 27. AM/FM/CD/MP3 Radio**
- 28. 40/20/40 HD Vinyl Bench Seat**
- 29. Rear Fold Up Bench Seat**
- 30. Tilt Steering Column**
- 31. Cruise Control**
- 32. Engine Block Heater**
- 33. Factory Skid Plates**

34. Air Filter Restriction Indicator Under hood

BFX Fire Apparatus Improvements to Chassis

- 35. Multiplex electrical switch console for warning lights, work lights, hose reel rewinds, pump master, compartment lights**
- 36. Powder coated SS electrical enclosure with hinged lid**
- 37. Color and function coded wiring in split loom harnesses**
- 38. High-grade sealed wiring junctions**
- 39. Low voltage warning indicator**
- 40. Door ajar indicator light flashing “red”**
- 41. Pump running light**
- 42. Transfer case impact protection**
- 43. Aluminum lower radiator shield**
- 44. Black Tubular Nerf Steps**
- 45. Front and rear tow hooks**
- 46. Heavy Duty front bumper replacement with brush guard**
- 47. Chassis air intake and cabin air ember guards**
- 48. Two (2) 360° swivel work floodlights mounted on cab guard**
- 49. Pre-wire for future USFS radio installation**
- 50. Black powder coated, form fitted, angled front floor console**
 - a. Mini-LED light water tank level gauge**
 - b. 2-1/2” diameter backlit discharge pressure gauge**
 - c. Whelen siren controller**
 - d. Whelen traffic advisor controller**
 - e. One (1) blank faceplate for USFS radio**
 - f. Flexible map light**
 - g. Four (4) 12 volt power outlets**
 - h. Two (2) microphone clip brackets**
 - i. Six (6) inch lockable storage compartment**
- 51. NFPA Chassis Placards package**

Traffic Warning System

- 52. Whelen Edge Ultra Freedom LED light bar**
- 53. Two (2) Whelen 5” x 2” red LED lights on front factory grille**
- 54. Two (2) Whelen 1” x 3” red LED lights on factory fender for use as instersector lights**
- 55. Two (2) Whelen 7” x 3” amber LED lights in bottom position of tail light housing**
- 56. One (1) Whelen green halogen lamp mounted on top of the light bar for use as an aviation light**
- 57. One (1) Whelen, TA series, eight (8) LED lights directional light bar**
- 58. Whelen 100/200 watt full function siren amplifier with microphone**
- 59. One (1) Federal Signal 100 watt siren speaker**

Apparatus Fire Body

60. Fiberglass composite body and compartment construction
61. Fire retardant resin
62. High performance gelcoat; 22-25 mil with UV inhibitor
63. PVC foam cores
64. Fiberglass composite close molded compartment doors, PVC foam filled
65. Flow thru compartment ventilation
66. Spring loaded mounting system
67. Aluminum tubular severe terrain body understructure
68. Non-skid compartment top walking surface
69. Zolatone spatter painted compartment interiors
70. Aluminum tread bright bulkhead, tail skirt, and scuff guards
71. SS strap hinges
72. Rotary D-Ring slam latches
73. Over center door checks on vertically mounted doors; exception is passenger side front doors which utilizes a gas shock
74. Turtle Tile compartment bottoms (black)
75. Door activated switches for LED compartment lighting
76. Rubber grommet shock mounted DOT marker light package
77. SS three (3) piece wheel well liners
78. Driver and Passenger side front compartments
 - a. 34"W x 39"H x 20-1/2"D
 - b. Two (2) adjustable locking shelves with safety pins in Driver side
 - c. Seven (7) swivel hooks in Passenger side
79. Driver side center compartment
 - a. 44"W x 22"H x 20-1/2'D
 - b. One (1) adjustable locking shelf with reduced height leading edge
 - c. Two (2) Zico, QM-CSM-L, chainsaw mounts
 - d. Vented and labeled for fuel storage
80. Driver side rear compartment
 - a. 28"W x 39"H x 20-1/2"D
 - b. Four (4) adjustable locking shelves with safety pins
81. Passenger side lower rear compartment
 - a. 28"W x 16-1/2"H x 20-1/2"D
 - b. Vented and labeled for fuel storage
82. Passenger side upper (long horizontal) compartment
 - a. 72"W x 22"H x 20-1/2"D
 - b. One (1) shelf for storing of 2-1/2" OD x 8' long hard suction hose
83. Hard suction hose rear access door
84. Independent body module on driver side
 - a. Overall dimensions: 80"W x 15-1/2"H x 20-1/2"D
 - b. Two (2) horizontally hinged, overhead lift-up doors

- c. Forward compartment dimensions: Clear door – 49”W x 9-1/2”H
- d. Aft compartment dimension: Clear door – 22”W x 9-1/2”H
 - i. Vented and labeled for fuel storage
 - ii. Aluminum drip torch tray
- 85. Independent body module on passenger side (Pre-Connect)
 - a. Overall dimensions: 80”W x 15-1/2”H x 20-1/2”D
 - b. Two (2) horizontally hinged, overhead lift-up doors
 - iii. Clear door openings – 35”W x 9-1/2”H
 - c. One (1) horizontally hinged, drop-down door
 - iv. Clear door opening – 13-1/2”W x 9-1/2”H
 - d. Three (3) vertical dividers mounted on aluminum tracking
- 86. Rear cab window guard with mounting platforms for light bar and work lights
- 87. HD steel tubular style rear bumper with SS non-slip step surface cladding
- 88. Modified SS rail package for use as independent module protection
- 89. 7” x 3” LED tail light assembly; red stop/tail, amber with arrow turn signal, clear back up
- 90. Polished gas fill recessed cup
- 91. Mud flaps with mounting brackets
- 92. SS hardware throughout
- 93. Two (2) polished aluminum roller assemblies installed on independent modules
- 94. Pump area cover with hinged access
- 95. Ten (10) 4” clear LED lights for use as perimeter lighting
- 96. U.S. Forest Service striping standards (see additional drawing on page)

Pump Package

- 97. Rear mounted Darley 1-1/2 AGE 34 BS fire pump with a Daihatsu 34 HP water cooled engine
 - a. 150 GPM @ 150 PSI
 - b. 80 GPM @ 250 PSI
 - c. 50 GPM @ 300 PSI
 - d. 10 GPM @ 320 PSI
- 98. Brushed stainless steel pump panel
 - a. Pump engine ignition/start/top controls
 - b. Tachometer, ammeter, pump engine oil pressure and coolant gauges
 - c. Throttle control
 - d. Primer control
 - e. 4” NoShok Master discharge pressure gauge with diaphragm
 - f. 4” NoShok Intake pressure gauge with diaphragm
 - g. Lower water pressure override switch
 - h. Low oil pressure override switch
 - i. Test gauge connection ports
 - j. Two (2) Whelen clear LED pump panel lights operated by light switch
- 99. 300 gallon polypropylene fire service water tank

- 100. 12 gallon integrated foam tank plumbed to foam system
- 101. 3" NPTF clean out fitting with 3" NPTM PVC pipe plug
- 102. Integrated gear storage compartment with drain
- 103. Integrated ice chest storage with provisions for attaching tie down straps
- 104. Integrated spare tire storage with two (2) overlapping style lockable latches
- 105. Stainless steel welded manifold system
- 106. Pump by-pass cooling line with check valve
- 107. Stainless steel "Y" strainer with removable 3/16" hole diameter mesh screen
- 108. Akron 8800 series swing-out style valves
 - a. Discharge
 - i. One (1) 2-1/2" water –only , #19 labeled
 - ii. One (1) 2-1/2", #3, plumbed to foam system
 - iii. One (1) 1-1/2", #3, plumbed to pre-connect independent module
 - iv. One (1) 1-1/2", Engine Protection, plumbed to pre-connect independent module
 - v. One (1) 1", Hose Reel
 - b. Intake
 - i. One (1) 2-1/2", #8, with removable screen
 - c. Tank Fill
 - i. One (1) 1-1/2", #2, tank refill or recirculation line, with 1-1/2" quarter turn valve
 - d. Tank to Pump Line
 - i. One (1) 2-1/2", #1, T-handle controlled
- 109. One (1) Hannay, model SBEPF-28-23-24, booster hose reel
 - e. 2/3 HP, 12 volt electric motor
 - a. Two (2) FH-3 rollers installed high on hose reel
 - b. Rewind buttons on driver and passenger side of body
 - c. 70 amp breaker
 - d. Manual rewind crank provided
- 110. Foam Pro 1601 foam injection system
 - a. Easy operation (On/Off) switch and % concentrate dial
 - b. Foam system strainer
- 111. Hale oil less electric motor driven priming pump
- 112. Master Drain
- 113. Valve numbering placard
- 114. Pump operations placard

Equipment

- 115. Road Kit
 - c. One (1) 2-1/2 lb. Class B/C fire extinguisher
 - d. One (1) set of warning triangle reflectors (3) with plastic storage case
 - e. One (1) 12 ton hydraulic jack with handle

- 116. One (1) pair of Zephyr wheel chocks integrated into the modified railing package**
- 117. One (1) Akron Brass hydrant wrench holder with Three (3) Wrenches**
- 118. One (1) Zico, VM-7, nozzle clip holder mounted on the passenger side front bulkhead**

Apparatus Testing and Documentation

- 119. NFPA 1906 Electrical Test and Certification**
- 120. Pump performance testing**
- 121. Hydrostatic plumbing test**
- 122. Two (2) apparatus manuals**
- 123. One (1) USB Thumb Drive copy of apparatus manual**

Training

- 124. Training provided at BFX Fire Apparatus in Keller, Texas**

Note(s):

*** 11/10 – Ford Motor Company requires a minimum of five (5) chassis when ordering a special paint (i.e. Forest Service Green). If a minimum of five (5) units are not ordered, it could delay the chassis production date. Please contact BFX Fire for more information.**

**** Current specification is based on U.S. Forest Service March 2010 Specification.**

GSA Net Pricing – November 2010

Base Price: \$124,184.00

Additional Equipment Option(s):

125.	2011 Ford F550 Regular Cab Chassis IPO Super Cab	<i>Deduct</i>	\$ 2258.00
126.	2011 Ford F550 Crew Cab Chassis IPO Super Cab	<i>Add</i>	\$ 1054.00
127.	Install USFS Supplied Radio	<i>Add</i>	\$ 365.00
128.	BFX Supplied Forest Service Shields & Vehicle #'s	<i>Add</i>	\$ 111.00
129.	Class 1 Multiplex Electrical System Diagnostic Module <i>(Includes telephone cord)</i>	<i>Add</i>	\$ 750.00
130.	Delivery of Completed Apparatus to End User	<i>Contact BFX Fire</i>	

Order Information Form

For U.S. Forest Service 643(U)-C
Must Accompany Signed Agency Purchase Order for Acceptance

Agency Information:

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Agency Point of Contact: _____ Phone: _____ Fax: _____

Purchase Order Number or Fiscal Cost Code: _____

Billing Address (If Different):

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Contracting/Ordering Officer: _____ Phone: _____ Fax: _____

Inspection/Delivery Officer: _____ Phone: _____ Fax: _____

Final Destination Address of Vehicle:

Street: _____

City: _____ State: _____ Zip: _____

Other Notes and Instructions:

Apparatus Order Information:

Beginning with the Base Model, please list the desired options below. Insert the net price from the authorized GSA price list on the previous pages, putting brackets around deduct items and totaling at the end of the list. Certain options are or are not available with other options as indicated on the price list. Please note that the specification for the chassis supplied by the Purchaser must be approved by Brand FX prior to the acceptance of this order.



Type 6 Series Fire Apparatus
Limited Warranty



Brand FX Body Company, (Company), warrants all products manufactured by the Company for one (1) year against defective workmanship and materials. Warranty begins when the unit is placed in service and the warranty card has been returned to the Company. This limited warranty is for the original owner of the product and is non transferable. The Company's obligation shall be limited to repairing or replacing the defective part at the sole discretion of the Company.

All vendor supplied parts, including but not limited to the chassis, pumps, tanks, valves, gauges, electronic components, and hardware, shall be covered by the original manufacturer of those parts.

All warranty coverage shall become null and void if structural modifications have been made to delivered product or if equipment has been mounted to the product, for which no prior specifications were provided.

All repairs or replacement of parts will be completed by an authorized Company dealer/distributor or at a Company approved location. Any cost associated with transporting the product to the authorized warranty repair site will be the sole burden of the owner.

All warranty claims shall be made by written notification directly to the Company's designated Warranty Claim Officer. Under no circumstances will the Company be held liable for a warranty claim for repairs "post facto."

Company reserves the right to make changes and improvements to the product without any liability for incorporating such changes or improvements in any product previously sold.