



RESCUE DESIGN QUESTIONNAIRE

As completely as possible, answer the applicable questions regarding the type of rescue truck and options your agency requires. **The more comprehensive the answers, the more concise the completed specifications.** Follow instructions on the bottom of the last page for forwarding this questionnaire to Hackney. A set of specifications and proposal drawing in bid format will be generated and returned.

Completion of the information on this page is required before a set of specifications and drawings can be generated.

Dept/Agency/Organization/Company: _____

Name of person requesting information: _____

Title/Position: _____ Date: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: (____)____-____; Ext:____ FAX:(____)____-____

E-Mail Address: _____

Best time to contact me is: _____ am; _____ pm

Have Salesperson contact me: ___ Yes ___ No

Type of purchaser: ___ City; ___ County; ___ State; ___ Tax District;
___ Volunteer; ___ Industrial; ___ Other _____

Budget: *Note: This information is critical to assist you with budgetary planning in respect to what you desire versus the actual required budget for the rescue vehicle outlined on the following pages. If the estimated cost exceeds your budget, we will notify you appropriately.*

___ \$125,000 to \$150,000; ___ \$150,000 to \$200,000; ___ \$200,000 to \$250,000;
___ \$250,000 or more

Type of purchase: ___ Formal Bid; ___ RFP; ___ Negotiated

Expected purchase date or bid release: _____

How soon do you need these specifications and budget price? _____

Circle, check and fill in blanks, as applicable, on all following pages:



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COMMERCIAL Cab/Chassis Preference:

- Freightliner M2
 International 4400
 Kenworth T300
 Other: _____

- 2-Door Cab with 3-man bench
 2-Door cab with (2) individual seats
 2-Door cab with individual driver and two-man passenger
 4-Door cab with 3-man bench front & rear
 4-Door cab with (2) individual seats front & 3-man bench rear
 4-Door cab with independent driver seat; SCBA officer seat and (3) rear SCBA seats

SPARTAN CUSTOM CAB:

Note: SMFD = Short Medium 4-dr; MFD = Medium 4-dr; LFD = Long 4-dr.

Cab Style:

- Advantage
 - MFD – 330 hp Cummins ISC (*most popular stock chassis*)
 - MFD – 370 hp Cummins ISL (*adds significant cost*)
 - Flat roof
 - 10" raised roof
- Gladiator –
 - MFD - flat roof
 - MFD – 10" raised roof
 - LFD – flat roof
 - LFD – 10" raised roof
 - LFD – 20" raised roof
 - Engine Preference: _____
 - Horsepower Requirement: _____

Seating – *Custom Cabs only*

- officer and (3) firefighters
 officer and (4) firefighters
 officer and (5) firefighters (LFD cabs only)
 officer and (6) firefighters (LFD cabs only)
- Are all firefighters positions equipped with SCBA? Yes No

Top Speed Requirement: 55 mph; 65 mph; 68 mph; 72 mph; 75 mph;

CHASSIS RELATED OPTIONS: both commercial and custom applications

- Four-wheel drive
 Exhaust:
 - exit left in front of rear wheels
 - exit right in front of rear wheels
 - exit under rear bumper
 - vertical with chrome pipe and heat shield
 - Accommodate station exhaust extraction system: Brand _____



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___ OTHER Chassis Requirements: _____

CAB INTERIOR CABINETS and/or COMMAND CENTER:

- ___ Fold-down desk in cab (*limited application on commercial cabs*)
 ___ Storage cabinet w/roll-up door (*Requires deletion of center rear seat on commercial cabs*)

- ___ Location on custom cab applications: _____
 ___ Command Center cabinetry in rear of cab (*custom cabs only*)
 ___ Behind driver and officer seats
 ___ Across rear wall (*requires LFD cab*)
 ___ "L shaped full cab width and left side wall (*Requires LFD cab. May require deleting left rear door*)

Describe other special requirements: _____

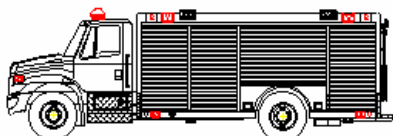
CHASSIS RELATED OPTIONS:

- ___ Dome lights, combination red/white (IATS):
 Qty _____
 Locations: _____
- ___ Other cab interior lighting requirements: _____
- ___ Aluminum Alloy Wheels
- ___ Stainless steel hub and lug nut covers only
- ___ Stainless steel wheel covers, full over
- ___ Automatic Tire Chains
- ___ Extended front bumper (*req'd for winch, Q2B & bumper mounted air horn installations*)
- ___ Chain box in front bumper
 Qty: ___ 1; ___ 2; ___ full width – (*Some bumper installed options may restrict boxes*)
- ___ Winch:
 ___ Warn 12,000# electric in front bumper
 ___ Warn 9000# portable
 ___ Receiver & wiring for mounting portable winch installed:
 ___ under front bumper
 ___ under rear bumper
 ___ left & right side forward of rear wheels
- ___ Fold-down bumper for storage of portable winch (*not applicable on commercial cab standard bumpers – may require replacement of bumper with fire service stainless steel type*).

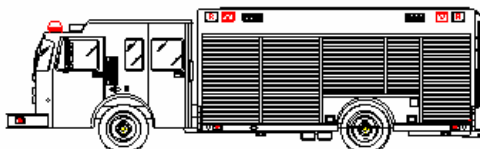


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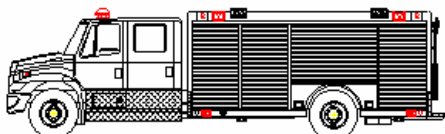
RESCUE BODY: Circle the model that best meets your requirements. Compartment width and heights are adjustable.



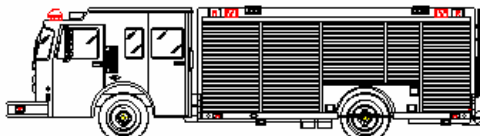
DF0973-2DR



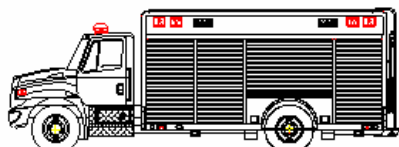
DFC1173R w/Recessed Roof - stake model



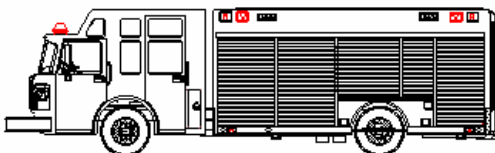
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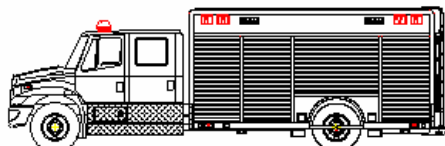
DFC117B



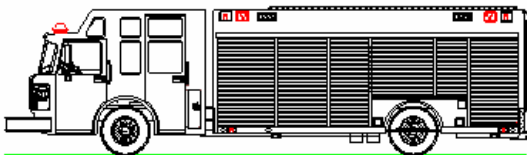
DF0873R-2DR



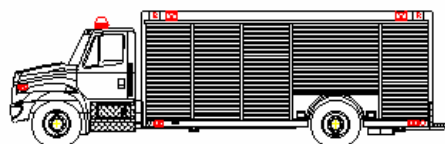
DFC117BR w/LFD Cab



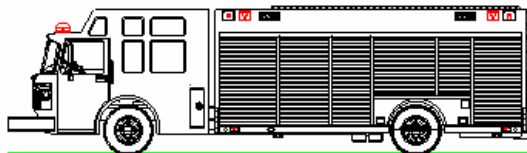
DF0873R-4DR



DFC137AR



DF1082-2DR



DFC137BR w/COMMAND CAB

Provide synopsis of mission(s) for which this vehicle will be used:

List major equipment to be stored in compartments:

STORAGE OPTIONS:

___ Are slide-out equipment trays desired: Yes ___ No ___



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- Are slide-out and tilt-down trays desired (*normally installed at and above chest height?*: Yes No
 Storage boxes, removable
 Qty: _____
 Size: _____ x _____ x _____
 Are slide-out tool board(s) required?
 Qty: _____
 Material: Plywood; Smooth Aluminum; Pegboard Aluminum (*very expensive*); PacTrac Aluminum (*very expensive*)
 Stokes Basket storage: Qty _____
 Long backboard storage: Qty _____
 SCBA slide-out storage rack for four complete
 SCBA slide-out storage rack for eight complete
 Spare SCBA bottles: Qty _____
 Rescue tri-pod storage: stored length _____ ft.
 Rescue air bag storage: list sizes
 Horizontal storage
 Vertical storage
 Qty: _____ - _____" x _____"
 Qty: _____ - _____" x _____"
 Qty: _____ - _____" x _____"
 Ladder Storage
 Upper rear tunnel inside body
 Roof top
 Type & Qty:
 Little Giant
 10' folding
 12' folding
 14' roof
 24' 2-section
 28' 3-section
 35' 3-section
 Note if any of the above ladders are to be furnished with completed rescue
 Pike pole tubes: Pole lengths: _____
 Roof Storage Compartment(s) _____
 Other: _____

TECHNICAL RESCUE REQUIREMENTS: *if applicable*

- Timber Compliment storage requirements: (*List size and length -- ie.: 2" x 4" x 12-ft; 6" x 6" x 16-ft; etc*): _____

 Shoring Panels – 4' x 8': Qty: _____
 Finform Panels:
 Panels Only: Qty: _____
 Panels with 2" x 12" x 12-ft timbers attached: Qty: _____



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- Fold-down ramp for loading heavy, wheeled equipment (i.e.: Stanley tool; welders, etc)
- High Volume Utility Air Compressor – Rotary PTO driven
 - 185 cfm
 - 270 cfm
 - 375 cfm (requires 4000EVS transmission)

OTHER BODY OPTION REQUIREMENTS:

- Chromed rope tie-off rings inserted into receivers – Qty: 1; 2
- Wheel step bar across rear wheels, removable
designed to facilitate access to upper wheelhouse comp't storage
- Roof access ladder w/safety grip hand rails
- Observation platform on roof with fold-up OSHA rails
- Awning
 - left side
 - right side
 - rear
 - enclosure curtains

Other Requirements: _____

FIRE PUMP OPTIONS:

PTO PUMP:

- 250 gpm
- 500 gpm
- 750 gpm

NOTE: Installed in left front comp't. (may also be installed in right front). Manifold, plumbing and valves all contained within the comp't, not exposed to exterior of body. Control panel recessed 8" back inside door opening.

ENGINE DRIVEN PUMP:

- Hale HP300X – 300 gpm gasoline
- Hale HP550 -- diesel

WATER TANK (all tanks are poly):

- 200 gal
- 250 gal
- 300 gal
- 500 gal

FOAM SYSTEMS:

- FoamPro 1600 Proportioning – Class A
- Foam Eductor – Akron 3096

DISCHARGES:



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- 2-1/2" on pump panel (std with all PTO models)
- 1-1/2" swivel on front bumper
- 1-1/2" pre-connect with slide-out hose tray above pump housing. *Discharges street side and curb side. Tray slides out either side of comp't for reloading.*
- 1-1/2" – Specify other location(s): _____
- 2-1/2" – Specify other location(s): _____
- Other Requirements: _____

PAINT & LETTERING OPTIONS:

- One-color on body
Color: _____
- Two-tone on body
Upper color: _____
Lower color: _____
- Cab painted by chassis manufacturer (*Chassis OEM paint finish may not be as glossy as paint furnished on Hackney body*)
Color: _____
- Cab repainted by Hackney
Color: _____
- Two-tone Cab:
Upper Color: _____
Lower Color: _____
- Scotchlite Reflective Stripe:
Height of stripe: _____
Color of stripe: _____
Other requirements: _____

- Lettering Requirements:

12VDC ELECTRICAL REQUIREMENTS:

- Multiplexing standard with color Vista display screen and controls on cab console*
- Tail lights
 - LED – 4" red stop/tail; amber turn; incandescent clear backup (std)
 - Whelen CAST3 cluster
 - Incandescent
 - LED
- Traffic Advisor



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- ___ Standard Hackney LED
- ___ Whelen TA837
- ___ Whelen LED
- ___ Whelen LED Message Board
- ___ Other: _____
- ___ 12VDC halogen Scene Lights:
 - ___ Side Body: 2 each side
 - ___ Side Body: 3 each side
 - ___ Rear Body: 2
 - ___ Side Cab (*Spartan cab only*)
- ___ Under body ground lights
 - ___ Side
 - ___ Rear
 - ___ Front
- ___ Compartment Lights
 - ___ 7" halogen in top of compartment
 - ___ "Rope" halogen lights (ROM) down side wall of ea. comp't (*Note: expensive , but effective*)
- ___ Map light, flexshaft
- ___ Fog Lights
- ___ Spotlight, hand-held
- ___ Hand Light, portable (*min. 2 req'd NFPA*)
 - ___ Streamlight SL45102
 - ___ Koehler 100X
 - ___ Other: _____
- ___ WARNING LIGHTS:

Note: all warning lights must meet minimum NFPA 1901 requirements for Upper & Lower Zones. Brands can not be mixed in any of these zones.

 - ___ Whelen halogen flashers w/rotating light bar
 - ___ Whelen halogen flashers w/strobe light bar
 - ___ Whelen strobe flashers w/rotating light bar
 - ___ Whelen strobe flashers w/strobe light bar
 - ___ Whelen LED with LED light bar
 - ___ Whelen LED with strobe light bar
 - ___ Federal Upper Zone w/rotator light bar
 - ___ Federal Upper Zone w/Vector light bar
 - ___ halogen flashers
 - ___ strobe flashers
 - ___ LED flashers
 - ___ Code 3 Upper Zone w/XL5000 light bar
 - ___ Code 3 Upper Zone w/MX7000 light bar
 - ___ halogen flashers
 - ___ strobe flashers
 - ___ LED flashers
 - ___ OTHER: _____
 - ___ Headlight Wig-Wags (*std*)
 - ___ OptiCom
 - ___ furnished by Hackney



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- ___ furnished by customer
- ___ SIREN & HORNS:
- ___ Federal Q2B on top of bumper
 - ___ Federal eQ2B electronic
 - ___ with 200W Q2B look alike grille speaker (req's flush bumper mounting)
 - ___ with (2) 100W individual speakers
 - ___ Whelen WS295 electronic
 - ___ Whelen WS295 electronic with digitized mechanical siren feature
 - ___ Federal PA300 electronic
- ___ Speakers: one; two
- ___ 12VDC Power Strip: Loc: _____
- ___ Radio Antenna coaxial cables: Qty: ___ Location(s): _____
- ___ Back-up Alarm
 - ___ standard
 - ___ automatic variable db
- ___ Rearview backup camera
 - ___ Black & White (Std)
 - ___ Color
- ___ Other 12VDC Option requirements: _____
-

120/240VAC ELECTRICAL REQUIREMENTS:

- ___ GENERATOR:
- ___ Wire for customer supplied: Type/Brand _____
 - ___ 5.5KW Yanmar diesel
 - ___ 5.0KW Honda
 - ___ 6.5KW Honda
 - ___ 10KW Onan QuiteOne diesel
 - ___ 12.5KW Onan QuiteOne diesel
 - ___ 25kw Onan PTO (*most popular rescue application*)
 - ___ 35kw Onan PTO
 - ___ 40kw, 3-phase PTO (*not recommended unless using to power breathing air compressor or used as standby emergency standby unit. Requires 100 or 150 amp power outlet for remote power supply.*)
 - ___ OTHER: _____
- ___ Shorepower (*req'd by NFPA for battery conditioner*)
 - ___ Manual (*standard*)
 - ___ Auto-eject
 - ___ 20 amp
 - ___ 30 amp
- ___ Battery Conditioner
 - ___ 45 amp IOTA automatic (Std)
 - ___ Other: _____
- ___ Power Outlets:



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- 26.5 cfm, 6000 psi Compressor with RevolveAir 2X2 fill station; computerized fill controls (*requires ASME receivers*)
- Breathing Air Cascade System - Two-bottle tilted fill enclosure with integral fill control panel (*Note: NFPA 1901 requires fill enclosure – no frag tubes*)
- Type of SCBA's to be filled:
 - 2216
 - 4500
 - Both
- Air Storage Cylinders
 - 4500 psi DOT: Qty: _____
 - 6000 psi DOT: Qty: _____
 - ASME in lieu of DOT: Qty: _____ (*adds approx. \$1200 to cost of ea. cylinder*)
- 6000 psi breathing air hose reel

UTILITY AIR REQUIREMENTS:

- 175 cfm USAR screw-type compressor – PTO drive
- 270 cfm USAR screw-type compressor – PTO drive (req's HD4060 transmission)
(Includes one industrial outlet on left and right side of tractor)
- Low Pressure Utility Air System –
 - Plumbed to chassis air brake compressor source w/
isolated auxiliary reservoir
 - Plumbed to on-board 240V air compressor
 - Plumbed from cascade system
 - Air outlets:
 - Qty: _____
 - Locs: _____
- Air hose reel w/150' 3/8 hose

OTHER REQUIREMENTS:

- Hydraulic rescue hose reel:
 - Qty _____
 - Brand tools used by department: _____
- Hydraulic rescue pump:
 - Brand tools used by department: _____
 - Single
 - Dual Valve
 - Simo
 - portable gas powered
 - 240VAC generator powered
- Other hydraulic tool requirements: _____

Email to: rescueleader@hackneyusa.com or Regional Manager listed on Website.

If you have questions, would like to discuss further details of this project or do not receive a timely response, please call **1-800-763-0700, extension 2275 or 2303.**



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