



**INVITATION FOR BIDS
FOR A PURCHASE OF A SINGLE CLASS 8 VEHICLE**

BID DUE DATE: SEPTEMBER 12, 2019

BID DUE TIME: 3:00 pm MST

Invitation for Bids

Notice is hereby given that SALT LAKE URBAN SEARCH & RESCUE (US&R), a Division within Unified Fire Authority (UFA) will receive bids in the office of the Program Manager on September 12, 2019. Bids received after bid time due will be refused or returned unopened. Notice of the award of contract shall be provided by the Program Manager within ninety (90) days following the opening of the bids. Bids shall be guaranteed for a period of ninety (90) days after the opening of bids.

Copies of the bid documents consisting of vehicle specification and general requirements may be obtained at the administrative office located at 6726 South Navigator Drive in West Jordan, Utah 84084.

Salt Lake Urban Search & Rescue is an Equal Opportunity Organization (EOO), which does not discriminate against any prospective supplier on the basis of race, religion, color, sex, marital status, national origin, sexual orientation, or presence of any sensory, mental, or physical handicap in the consideration for contract award.

All bidders are encouraged to carefully read this invitation. All bids must be in the form prescribed by US&R and must be in accordance with this invitation for Bids and other contract documents. This procurement is governed by all applicable state and federal procurement regulations and in accordance with guidance in the event that grant funds are used to make this purchase. US&R reserves the right to reject any or all bids, to waive defects and formalities in such bids, to award the contract to the bidder which it considers has submitted the best and most advantageous bid, and to hold all bids for a period of ninety days without taking action thereon.

Class 8 US&R vehicle

US&R will not be responsible in the event the U.S. Postal Service or any other courier system fails to deliver the bids to the US&R administrative office by the given deadline. US&R is an Equal Opportunity Employer. Firms that may be classified as small, minority-owned or women-owned are encouraged to submit bids for this project.

Bryan Case, Program Manager

Please submit this page upon receipt

For any clarifications, please contact Mr. Bryan Case, Program Manager 801-205-4774
or via e-mail at BCASE@UNIFIEDFIRE.ORG with "Class 8 Vehicle Bid" in the subject line.

Please E-mail this page upon receipt of bid package

E-mail: bcase@unifiedfire.org

If you are unable to bid on this item, kindly indicate your reason for "No Bid" below and fax back. This will ensure you remain active on our vendor list.

Date: _____

() Yes, I will be able to Bid

Name: _____

Company: _____

() No, I will not be able to Bid for the following reason:

Name: _____

Company: _____

E-mail: _____

I. GENERAL INTENT, REQUIREMENTS AND CONDITIONS

1.0 GENERAL INTENT – It is the intent of the US&R to solicit sealed competitive bids for the purchase of a Class 8 tractor type vehicle used on highways in the US to haul goods and equipment over-the-road. This will be a new 2020 model vehicle for use by US&R personnel. Current US&R fleet are Class 8, Kenworth T800 vehicles. It is the intent of US&R to purchase a Class 8 vehicle that is the equivalent or superior to this make and model for the purposes of maintaining operational consistency.

2.0 GENERAL CONDITIONS –

A. It is the requirement of the bidders to acquaint themselves fully with the conditions of the specifications and the type of vehicle expected. The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve them from any obligation of this bid invitation.

B. A partial bid for each category will not be accepted. A bid may be withdrawn, however, and resubmitted anytime prior to the closing time for receipt of bids.

C. Bidders are advised that all US&R contracts are subject to all legal requirements and/or guidance provided for in the applicable US&R/UFA policies and/or State and Federal statutes.

D. No US&R or UFA employee or member shall have a financial interest, direct or indirect, in any contract with the US&R or UFA or shall be financially interested directly or indirectly, in the sale to the US&R of any materials, supplies or services.

3.0 PREPARATION OF BIDS –

A. Unit prices shall be shown and where there is an error in extension of process, the unit price shall govern.

B. A delivery date in days including Sundays and holidays is required with proposal where multiple items or groups of items are bid: a delivery date is required of each item or group of items.

C. US&R is a non-profit registered in the State of Utah and is exempt for payment of taxes, and will issue exemption certificates upon request.

4.0 BID REJECTION OR PARTIAL ACCEPTANCE – US&R reserves the right to reject any or all bids. It further reserves the right to waive technicalities and formalities in bids, as well as to accept in whole or part such bid or bids where it deems it advisable in protection of the best interest in US&R.

5.0 TERMS – Net 30 days after delivery, inspection, and receipt of invoices.

6.0 BID FORM – Each bidder must submit a bid on the blank line adjacent to the bid item. The bidder shall sign the bid correctly and initial the page. Bids may be rejected if they show any omissions, alterations or form, additions not requested, conditional bid or any irregularities.

7.0 FILING OF BIDS – UFA allows for quotations be submitted electronically. Electronic quotations must be submitted through a secure mailbox at SciQuest, <http://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=StateOfUtah> until the date and time as indicated in this document. It is the sole responsibility of the supplier to ensure their quotation reaches SciQuest before the closing date and time. There is no cost to the supplier to submit Unified Fire Authority electronic quotations via SciQuest. Here is a link to the Division of

Purchasing's website where it provides training materials for vendors on the SciQuest platform - <http://purchasing.utah.gov/for-vendors/>. Electronic quotations may require the uploading of electronic attachments. The submission of attachments containing embedded documents is prohibited.

8.0 BASIS OF BID AWARD – The bid will be awarded to the responsible and responsive bidder meeting the specifications and having the lowest possible total extended price of the Base Bid, and requested options, consistent with the quality needed for effective use. All prices quoted will be firm. Award to successful bidder will be made by US&R action, based on lowest delivered cost per vehicle category. This bid shall not necessarily be awarded on low overall cost for all solicited vehicles. If for any reason, funding for this vehicle is delayed or if authorization from FEMA is delayed, US&R reserves the right to exercise the purchase with the selected offeror at a date beyond 90 days from award. In this case, a pricing adjustment may be made to bring the bid price current, within reason and must be accompanied by verification of market pricing adjustments and factors having effect on the purchase price. If purchase is delayed beyond 180 days, US&R may reissue the request for bid to all potential vendors. Upon request, US&R shall provide information related to significant delay in the purchase.

9.0 ASSURANCE OF COMPLIANCE – EQUAL EMPLOYMENT OPPORTUNITY AND SMALL, WOMEN-OWNED AND/OR MINORITY-OWNED BUSINESS ENTERPRISE REQUIREMENTS – Bidder agrees that if bid is accepted, vendor will not engage in employment practices which have the effect of discriminating against employees or prospective employees because of race, color, religion, national origin, sex, age, sexual orientation, handicap, political, belief or affiliation.

10.0 ACCESSORIES – The vehicle manufacturer's standard advertised/published accessories and other options shall be chassis-factory installed, if available, on the vehicles.

11.0 LOGOS and DECALS – Do not place decals or markings of any type pertaining to advertisement other than manufacturer's name or model designation normally installed by manufacturer on equipment delivered to US&R.

12.0 MANUALS – The successful bidder will include in the vehicles, an owner's or operator's manual. This will include all standard manufacturer/vendor literature normally furnished and as required by law with the purchase of a new vehicle.

13.0 NEW MODEL – The vehicles furnished under this specification shall be a 2020 model and shall be of good quality workmanship and material. The bidder represents that the unit offered under this specification shall meet or exceed the minimum requirements specified for the vehicles.

14.0 SERVICING AND EQUIPPING – The vehicle shall be completely assembled, serviced, adjusted, and all equipment including standard and optional equipment shall be installed and the unit made ready for continuous operation. Standard equipment means those components and accessories usually and ordinarily furnished without additional cost on regular production models.

15.0 PRE-DELIVERY SERVICE – Unit shall include new vehicle pre-delivery service. The following services shall be performed before the vehicles are delivered to US&R:

15.1 All fluid levels checked and maintained with the proper grade and type of fluids.

15.1 Pre-delivery inspection and service on chassis. The interior and exterior of vehicles shall be clean and washed.

16.0 WARRANTY SERVICE AND SERVICE CONTRACTS – The successful bidder shall furnish US&R a Manufacturer's New Vehicle Warranty coverage comparable to or better than those offered to the general public.

17.0 DELIVERY REQUIREMENTS – Delivery of the vehicle shall be made within fourteen (14) days after bid is accepted unless otherwise negotiated. All equipment shall be offloaded onto US&R property at vendor's expense.

17.1 If the vehicles are canceled for non-delivery, the needed vehicles may be purchased elsewhere and the vendor may be charged full increase, if any, in cost and handling.

II. VEHICLE SPECIFICATIONS

Conventional cab:

Elastomer bushed front spring pins and HD shock absorber brackets, 16mm fasteners from rear cab support to end-of-frame, except tractor taper crossmember. Vinyl sunvisors on driver side include strap and mirror, passenger side includes strap. center console with two (2) cup holders, four (4) 12v outlets, two (2) USB outlets and storage compartment, glove box with locking latch (keyed to match doors/compartments)

Carb emissions: idle reduction CUMMINS ISX

General freight purposes to haul 53 dry-van and/or step-deck trailers. OTR linehaul, typical use on-highway, US Domestic registry

Engine & Equipment:

Cummins ISX 15 500@1800 1650@1000

Interbrake, diagnostic plug for data, oil cooler, aluminum flywheel housing

- Maximum accelerator speed 75

- Maximum cruise speed 65

- Engine protection shutdown

- Gear down protection

- 1400rpm Max PTO speed

- Cruise control auto resume

- Auto engine brake in cruise

- Enable idle shutdown park brake set

- Timer setting

- Impending shutdown warning with timer

- Engine load threshold

- Idle shutdown manual overrule

- Low ambient temp threshold

- Intermediate ambient temp threshold

Air compressor: Cummins 18.7 CFM

Air cleaner: Powercore ending mount 10" with constant torque SS clamp, pop-up air restriction indicator

Fan hub: Horton On/Off for ISX15

Cooling module: 1440 Sq inches; alum core and alum charge air cooler, translucent surge tank and washer bottle, silicone hoses, and extended life coolant.

Radiator bug screen mounted between hood and grille

Exhaust: Horizontal Under Rail DPF/SCR-80 w/ Dual, Vertical, Back of Sleeper Tailpipes Mounted on Independent

- Stanchions. DPF/SCR is mounted horizontally.

Tailpipe: 5 in. dual 36 in. 45 degree curved

Fuel filter shall include fuel/water separator

Immersion block heater 120V 1500W w/plug under driver-side door

Alternator: 160A, brush type

Retarder: Jacobs or equivalent suitable for ISX15

- Starter: 12V electrical system with centralized power distribution incorporating plug-in style relays. Circuit protection and serviceability, 12V light system w/circuit protection, circuit numbers and color coding.

Low-voltage disconnect

120V Land-line standard plug-in power feed to a vehicle-mounted inverter/charger to maintain on-board vehicle batteries

Jump starting terminals under hood

Transmission and Clutch

Fuller Advantage Automated FA0-16810C-EA3 10-Speed
Clutch: UltraShift Plus or Fuller Advantage Series automated transmission
Driveline: Dana 1810 HD with 2 center bearings
Chassis will be fitted with LH transmission PTO

Front Axle & Equipment

Dana Spicer E-1202112K 3.5" drop
Dana Spicer E-1322LW Front Axle rated 13.2K
Front Brakes: 13.2K Bendix RSD HP-ES S-Cam 16.5x5
Front Brake Drums: 14.6K 16.5x5 in. cast.
Front Hub: aluminum hub pilot 13,200 lbs.
Dana LMS Hub pkg, front axle
Hubcap: front vented, removable with rubber plugs
Haldex front auto slack adjuster
Front Springs : Taperleaf 13.2K w/ shock absorbers
Maintenance free elastomer spring pin bushings
Single power steering gear: 13.2K TRW TAS65

Rear Axle & Equip

Dual Dana Spicer DSP40P rear axle rated at 40K
9.5mm housing and 1.88" shaft dia, Include pump, tandem rear axles
Rear axle ratio: 3.55
Rear brake: Reduced Stopping Distance 16.5X7S Dual 46,001-52,000, s-cam Heavy duty tandem rear axle drum brake
Dual Rear Brake Drums: cast.
Dual Rear Hubs: Aluminum hub pilot 46K
DANA LMS HUB PKG DUAL REAR AXLE
ConMet PreSet Plus Hub package; dual rear axle.
SLACK ADJUST:HALDEX AUTO DUAL, automatic
Spring Brake 3036 long stroke dual, 30 sq in
Bendix 6S/6M anti-lock brake system w/air traction control (ATC)
Interaxle driveline:1 Dana 1710 Series
Wheel Differential Lock for Dana Spicer axles
Separate flip valve for dual axles: differential lock or crosslock
38K DUAL 52" AS, 8.5"ride ht.
Rear suspension : Tandem Airglide 460 46K 60in axle spacing 10.5 ride height, Includes air suspension dump valve
Front Tires: Bridgestone R268 Ecopia 295/75R22.5, or equiv
Rear tires: Bridgestone M843 11R22.5 14PR, or equiv qty: 8
Front Wheel: Alcoa 88367 22.5x8 .25 aluminum with LVL One [TM] finish, hub-pilot mount.
7,400 lb. maximum rating
Rear Wheel:Alcoa 88367 22.5x8.25 aluminum with Level One [TM] finish, hub-pilot mount. 7400 lb. maximum rating

Frame & equipment

Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 337in to 416in. Section modulus equal to or better than 17.80, RBM of 2,132,000 in-lbs per rail. Company engineering advisement

necessary if the rails must material spec is to be substituted.

Bumper: tapered polished aluminum

Tow hooks: removeable (2)

Mudflaps, Front: Symplastic black spray guard

Battery box: polished aluminum with integral step w/slip guard. Air tanks may be mounted on box. location: LH Side.

FRAME ACCESS DECK PLATE: ALUMINUM

KEYED LOCK on exterior compartments to match entry key

Fifth wheel: Air, Jost JSK37USB A11PX36 36in slide, 10.75" H, Outboard mounting angles, 50K vert rating, retractable LH handle, Air slide control valve in dash. Shall accommodate a 2inch SAE kingpin

FW rear/fixed setting behind bogie 16 in; indicates rearmost setting measure rearward from centerline of tandem or single rear axle

Rear mudflap arms : Betts B35, shortened w/45 degree angle

Rear mudflap shields: plastic antisail

Quarter Fenders: Stainless Steel w/ Painted Steel crossmember

Fuel Tanks & Equipment

Fuel Tank: 120 US gallon 22in. polished aluminum class 8, includes anti-siphon device on filler neck. Mount passenger side.

Fuel Tank: 100 US gallon 22in. polished aluminum class 8, includes anti-siphon device on filler neck. With fuel equalization system with dual draw return lines and a splitter valve to accommodate dual fuel tanks. Mount driver side.

Medium round DEF tank. 20.7 gallons. Mounted adjacent to 100 gallon fuel tank. Polished aluminum finish or polished aluminum finish cover to match fuel tanks. Standard DEF to fuel fill ratio: 2:1 or greater

Mechanical anti-roll channel for fuel tanks

Polished stainless steel tank straps for 2 tanks

Cab: Conventional

Aluminum & fiberglass fully hucked cab w/ all aluminum bulkhead doors & continuous stainless steel piano-style door hinge & pins. LED interior lighting, include diagnosable bulb detection and warning. Trailer cable on tractors includes integrity detection . Standard features include multiplex wiring for interior lights, automated pre-trip inspection, short and open check diagnostics , and programmable daytime running lights. Warning alarm will sound when lights are left on.

Slope hood

Sleeper, 72" with sleeper door, LH/RH with sliding window

18" steering wheel

Heater/Air Conditioner : Separate units, cab & sleeper. Integral Defrosters & A/C. Dash controls, 45,000BTU cab heater, 29,000 BTU sleeper heater, thermostatically controlled.

Independent control/parallel plumbing

Fan operates at park brake set

Gauges:

Air application pressure, engine oil pressure, oil temp, manifold pressure, ammeter, voltmeter, oil temp (transmission), speedometer: electric non-rec 80mph w/trip, tachometer with eng hour meter

Driver information center: fuel economy, RPM display, trip info, truck info, diagnostics, gear

display, alarm clock

Instrument package: speedometer, tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter, primary & secondary air reservoir gauges & an air application gauge . DEF level gauge and warning, engine hour meter and outside air Temp, speed reading in MPH.

Warning/alert for parking brake application shall be dash-mounted

Cab Interior and sleeper

Walls, headliner, floor panel, rear and side panels shall be insulated and finished in order to insulate from temp and sound. Sleeper shall have curtains on windows and a curtain to separate sleeper area from front cab area. All finish materials and color shall be color coordinated with front cab area and may be multi-toned.

Sunvisors: inside RH and LH

Driver Seat: Air cushion Plus HB cloth, BOSTROM T915 HB MORDURA

Passenger Seat: Air cushion Plus HB cloth, BOSTROM T915 HB MORDURA

FOLDING UPPER BUNK

Sofabed for sleeper

Rubber floor mats in tool compartments

AM/FM/CD/Bluetooth/Weatherband radio

Separate speaker for F/CB radio

Speakers in sleeper cab x2, 100W min

CB radio power supply wiring: location to be determined by customer

Non-self cancelling turn signal: W/column-mounted headlight dimmer and intermittent wiper

Electric power door locks and windows, LH and RH sides

Polished stainless steel kickplates on cab doors

Courtesy lights on cab doors

Long grab handles on LH and RH sides of cab

Grab handles inside door frames on LH and RH sides above dash

Small window in doors that allows additional/expanded driver view of mirrors and ground from driver seat.

AIR HORN: DUAL RECT 22"/25" LH/RH ROOF with snow shielding

Dual convex heated mirror 8.5 inch w/ offset mounting below primary mirrors on LH and RH sides

Exterior sunvisor above windshield, polished stainless steel

WINDSHIELD WASHER: ELECTRIC

WINDSHIELD WIPER:ELEC 2 SPD+INTERMITTENT

LED service/convenience lights in cab and sleeper

Lights and Instruments

Headlamps: Dual Rectangular, extended life halogen

Marker Lights: Five, LED

Turn signal, stop, tail and other DOT lighting shall be LED

Interrupter switch for marker lights

Marker Lights: Midframe & reflectors mounted standout. As required per DOT and for tractors/trailers over 30'

Electric Backup Alarm: Meets SAE J994 & OSHA

Circuit Breakers: Replacing fuses. Does not apply to any 5-amp fuse box position. Breakers

include stop/brake/turn, tail lamp, high & low beams, marker/clearance lamps, horn, fuel heat, gauges, air dryer, HVAC controls, panel lamps. Some circuits may remain fuses.

Air Equipment

AIR DRYER: BENDIX AD-IS HEATED with heated extended purge

Moisture ejection valve w/ pull cable drain for each airtank

Air & Electrical Supply Kits: Tractor LH frame- mounted kit w/ hosetenna . Includes composite gladhand/light plug holder. Kit includes dash mounted trailer air supply valve, trailer hand control valve, and hoses/fittings for the valves. Dash mounted parking brake valve and tractor protection valve are standard. Air lines are detachable at one end only, light lines are detachable at both ends.

Coiled air & light lines

Nylon air tubing in frame & cab, excluding hoses subject to excessive heat or flexing

Trailer ABS electric supply through SAE J560 7-pin connector per TMC RP137

Base Warranty - Standard Service Heavy Duty to be a minimum of 12 months/100K miles

Paint colors: Premium, heat resist where applicable, wear and rust failure resistant. Black frame, White body (cab, sleeper, fenders, doors, **all uniform) with clearcoat

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