



INVITATION FOR BIDS

NOTICE TO BIDDERS

The City of Alamosa Department of Public Works, 300 Hunt Avenue, Alamosa, CO will be accepting bids until 1:30 p.m., September 18, 2020, for a 2020 Single Axle Hook lift / Roll off Truck. Specifications may be obtained at Alamosa Public Works Department, 300 Hunt Avenue, or on the City Web site at www.cityofalamosa.org

Envelopes containing bid proposals shall be addressed as follows:

Harry Reynolds
Public Works Director, City of Alamosa
P O Box 419
Alamosa, CO 81101

Bids may be hand-delivered or mailed to the Finance Department. Bids must be placed in one envelope, securely sealed and clearly labeled, 2020 Roll off/Hook truck. The City of Alamosa will not be responsible for premature opening of bids not properly labeled.

On the outside of the bid, there shall be disclosed: 1) the name of the bidder; and 2) bidder's address. Only bids received on or before the aforesaid date and hour set for closing of this Invitation for Bid (IFB) will be eligible for consideration. Any bid received after the closing time, regardless of the method of delivery, will be returned unopened to the Bidder. Bids may not be withdrawn after closing time.

All bids will be evaluated and selections made as soon as possible after bid opening. Award of bid is subject to approval by the Alamosa City Council.

The City of Alamosa reserves the right to reject any and all bids, to waive formalities and informalities, and to award orders for the items described either in whole or in part, if it seems to be in the best interest of the City to do so.

Questions concerning this IFB should be directed to: Tim Hillis at (719) 589-5485

2020 Roll off/ Hook truck

Please specify capacity/spec when substituting. These specs are based on a 2021 Western Star 4700SB with Multilift XR10S-5100 hook lift, and a Roll Rite 203 tarp system. This vehicle will come completely fitted with all attachments and options as specified below. Other makes and models which meet these minimum specifications will be considered.

Minimum Specifications	Complies Y/N	Comment
Engine		
Six cylinder diesel engine with 370 HP@2000 RPM		
2100 GOV RPM		
1250 lb/ft @ 1400 RPM		
Engine Equipment		
2016-2019 onboard diagnostics		
2010 EPA / CARB / Final GHG17 configuration		
2008 CARB emission certificate		
Standard oil pan		
Engine mounted oil check and fill		
One piece valve cover		
Air intake with High capacity air cleaner with safety element		
Electronic engine shutdown protection system		
Integral brake with variable geometry turbo with on / off switch		
Right hand after treatment system with vertical exhaust		
Engine after treatment device, automatic over the road regeneration and dash mounted regeneration request switch		
11 foot exhaust system height		
6 gal Diesel Exhaust Fluid tank		
Standard diesel exhaust fluid pump mounting		
LH medium duty standard diesel exhaust fluid tank location		
Stainless steel after treatment device shield		
Automatic fan control with dash switch and indicator light		
Full flow bypass oil filter		

Minimum Specifications	Complies Y/N	Comment
Spin on fuel filter		
1300 square inch aluminum radiator with surge tank		
Radiator drain valve		
1000Watt / 115 volt block heater		
Electric grid air intake heater		
12V 38MT HD Starter with integrated magnetic switch		
Lower radiator guard		
1000W/115V block heater		
Block heater receptacle located under LH door		
Electric grid air intake warmer		
Electrical		
(3) Batteries 750 CCA		
12V 160 amp alternator with remote battery sense		
Positive load disconnect with dash mounted control switch		
Low voltage battery disconnect at 12.3 volts		
Air compressor		
18.7 CFM air compressor with internal safety valve		
Air compressor discharge line		
Transmission		
Allison 3000 RDS automatic transmission with PTO provision		
Push button electronic shift control dash mounted		
Magnetic drain plugs, engine drain, transmission drain, axles fill and drain		
Water to oil transmission cooler in radiator		
Transmission oil check and fill with electronic oil level check		
Synthetic transmission fluid		
PTO – Chelsea 280 series PTO installed by up fitter		

Minimum Specifications	Complies Y/N	Comment
Front Axle and Equipment		
12000 lb drop single front axle		
Vented front hub caps with window, center and side plugs for oil		
Standard spindle nuts for all axles		
Front automatic slack adjusters		
Power steering pump		
2 quart see through power steering reservoir		
75W-90 synthetic front axle lube		
Front Suspension		
12,000# mono taperleaf suspension		
Front shock absorbers		
Rear Axle and Equipment		
23,000# single rear axle		
5.38 rear axle ratio		
Iron rear axle carrier with standard axle housing		
Rear automatic slack adjusters		
75W-90 synthetic axle lube		
Rear Suspension		
23,000# flat leaf spring with radius rod		
Standard axle seats		
Spring suspension – no axle spacers		
Brake System		
15x4 Q+ Front brakes		
16x7 Q+ Rear brakes		
Cast Iron brake drums		
ABS with traction control, with ATC off-road switch		
Fabric braid and wire braid air lines		
Fiber braid parking brake lines		
Brake system valves		
Relay valve with 5-8 psi crack pressure		
AD-9 brake line air dryer with heater		
Air dryer frame mounted		
Steel air brake reservoirs		
Pull cables on all air reservoirs		

Minimum Specifications	Complies Y/N	Comment
Wheelbase and Frame		
253 inch wheelbase		
11/32x3-1/2x10-3/16 inch steel frame		
¼ inch C-channel inner frame reinforcement		
63 inch rear frame overhang		
Frame overhang range: 61-70 inch		
Calculated back of cab to rear suspension (CA) 186.65		
Calculated frame length –overall: 346.06in		
Frame height top front unladen: 38.49in		
Frame height top front laden: 38.49in		
Frame height top front unladen: 40.68in		
Frame height top rear laden: 37.61in		
Calculated frame space LH side: 116.39		
Calculated frame space RH side: 263.64in		
Calculated space available for deckplate: 189.69 in		
Rear tow hooks		
Engine weight cross member		
Cross member in the back of transmission		
Midship #1 cross member		
Rearmost cross member		
Heavy Duty suspension crossmember		
Rear weight suspension crossmember		
Chassis Equipment		
14 inch painted steel bumper		
Removable front tow hooks stored on chassis frame		
Bumper mounting for license plate		
Front mud flaps and brackets		
Exterior harness wrapped in abrasion tape		
Fuel Tanks		
60 gallon aluminum fuel tank left hand		
25 inch diameter fuel tanks		
Fuel tank filler neck with anti-siphon insert		

Minimum Specifications	Complies Y/N	Comment
Fuel tank caps		
Fuel/ Water separator with water in fuel sensor		
High temperature nylon fuel line		
Tires		
Bridgestone M870 315/80R22.5 front tires		
M870 315/80R22.5 rear tires		
Hubs		
Premium iron front hubs		
Premium iron rear hubs		
Wheels		
22.5x9.00 10-hub pilot 6.16 inset 2 hand steel disc front wheels		
22.5x9.00 10 hub pilot 2-hand steel disc rear wheels		
Front wheel mounting nuts		
Rear wheel mounting nuts		
Cab Exterior		
110 inch conventional cab		
Air cab mounts with check valves		
Removable bug screen mounted behind grill		
Front fenders		
Left and Right grab handles		
Dual 26 inch air horns		
Single electric horn		
Dual horn shields		
Doors and ignition keyed the same		
Rear license plate mount		
Single rectangular sealed beam headlights with bezels		
(5) amber marker lights		
Integral stop/turn/backup lights		
Front turn signal lamps		
Dual west coast stainless steel mirrors		
Door mounted mirrors		
LH and RH 8 inch convex mirrors mounted below primary mirrors		

Minimum Specifications	Complies Y/N	Comment
Side and rear reflectors		
Electronic door locks, mechanical key tumbler		
Electric door window regulators		
2 gallon windshield washer reservoir		
Cab Interior		
Grey vinyl base interior		
Roof mounted console		
Passenger side wing dash mounted glove box with locking door		
LH and RH door map pockets		
(2) Coat hooks on back wall of cab		
(1) Double cup holder with cell phone holder		
2 1/2 LB Fire extinguisher		
Heater, Defrost, and air conditioner with temperature control		
HVAC ducting with foam main fresh air filter		
HVAC controls with recirculation switch		
Heater plumbing with ball shut-offs		
Heavy duty air conditioning compressor		
Radiator mounted air conditioner condenser		
Automatic self-resetting circuit breakers / fuses in dash power distribution boxes and fuses in auxiliary power distribution boxes		
Door activated dome light, under dash light and LH and RH door mounted courtesy light		
LH and RH electric door locks		
Premium high back air suspension driver's seat, with lumbar adjustment, forward and rear adjustment, adjustable shock absorber		
High back non suspension passenger seat		
Inboard driver's seat armrest no passenger seat arm rest		
3 point driver and passenger seat belt		

Minimum Specifications	Complies Y/N	Comment
retractors		
Adjustable tilt and telescoping steering column		
4 spoke 18 inch leather wrapped steering wheel		
Drivers and Passenger sun visor		
Instruments and Controls		
Non-Adjustable suspended pedals		
Electronic foot accelerator		
Low air pressure indicator light and audible alarm		
2 inch primary and secondary air pressure gauges		
Intake mounted air restriction indicator		
97 DB back-up alarm		
Electronic cruise control with controls on the steering wheel		
Key operated ignition switch and integral start position; 4 position off/run/start/accessory		
Heavy Duty onboard diagnostics interface connector located below LH dash		
2 inch fuel gauge		
Programmable RPM control – electronic engine		
Electronic engine coolant gauge		
(2) 12V Power outlets mounted in dash		
2 inch transmission oil temperature gauge		
Dash mounted PTO switch with indicator lamp		
Electronic engine oil pressure gauge		
AM/FM/WB tuner radio with Bluetooth and USB and auxiliary inputs		
Roof/overhead console mounted radio		
(4) Radio speakers		
Multi-band am/fm/wb/cb LH mirror mounted antenna system		
Electronic MPH speedometer with secondary KPH scale, with odometer		
Vehicle speed sensor		
Electronic 3000 RPM tachometer		

Minimum Specifications	Complies Y/N	Comment
Ignition switch controlled engine stop		
Digital voltage display integral with driver display		
Single electronic windshield wiper motor with delay		
Cab / marker light switch with separate headlight switch with headlight / marker light interrupter switches on steering wheel		
One valve parking brake system with warning indicator		
Manual turn signal switch, headlamp high/low and flash, wash/wipe/intermittent		
Pacific insight electronic flasher		
Cab will be white		
Minimize Chrome components		
Manuals		
Vehicle will come with Operators Manuals and one set of repair manuals		
Hook lift		
Electric Cab control		
Dual lift/Dump cylinders		
Lifting capacity – 22,000lbs		
16’-21’ Body lengths		
Adjustable hook height – 54”/62”		
50 degree tipping angle		
Cycle times: Unloading @ 47 sec, Loading@ 35 sec, Tipping@45 sec, Lowering@35sec		
High tensile steel construction (tensile strength=90,000 psi/yield strength=72,000psi)		
Zinc-nickel coated pins and rods		
Solid cast iron radius inserts		
Nylatron slide pads		
Accessible counterbalance load holding valve		
Hydraulic pump – 1900 rpm continuous speed, fixed displacement		

Minimum Specifications	Complies Y/N	Comment
13.2 gpm@1000rpm		
Hydraulic tank – 9.3 gal with serviceable filter		
Max. operating pressure – 4,350psi		
Suction hose 1-1/2”		
Pressure hose 5/8		
Return hose 5/8		
Premium control valves (manual override capable)		
Body mounting height – 8.7”		
Hooklift sub-frame pre-drilled mounting		
5” wide self-centering bevel on rear rollers		
Tarp System		
Tarp – to cover a 21 ft container		
Body mounted for rolloff container		
Aluminum arms		
Automatic single stage electric tower		

Total Package Price fob Alamosa \$ _____

Sign: _____ Name of Firm: _____

Date: _____ Address: _____

Phone number: _____

Email: _____