



CITY OF SAN ANGELO
PURCHASING DIVISION
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219

ADDENDUM 2

Date: January 2, 2018

RFB No: FS-07-18 / Haul Truck

Bid Date: January 11, 2018/2:00 PM Local Time

The following clarifications, changes, additions, and/or deletions are hereby made to the RFB:

- Please see attached for an updated Specification Worksheet to replace Pages 14 through 17.

It is the responsibility of the vendor to ensure all addenda are considered in their pricing prior to submitting a bid by contacting the Purchasing Division at SAPurch@cosatx.us. Failure to do so will be at the risk of the vendors. No revisions to a bid can be allowed after the bids are opened for any reason.

Sincerely,

A handwritten signature in blue ink that reads "Candice Blake".

Candice Blake
Purchasing Specialist



Specification Worksheet

Item	DESCRIPTION	YES	NO
1.	New and Unused Current Year Model Truck	<input type="checkbox"/>	<input type="checkbox"/>
	BODY, INTERIOR, EXTERIOR		
1.	Exterior Color: White	<input type="checkbox"/>	<input type="checkbox"/>
2.	Interior Color: Grey (Preferred)	<input type="checkbox"/>	<input type="checkbox"/>
3.	Cab Style: Air Ride Day Cab w/ Driver and Passenger Entry Assist Handles	<input type="checkbox"/>	<input type="checkbox"/>
4.	Seating: Air Ride Driver's Seat and Fix Mount Passenger Seat to Seat a Minimum of One Passenger plus Driver; Covering: Tear-Resistant Material	<input type="checkbox"/>	<input type="checkbox"/>
5.	Floor Covering: Heavy Duty Rubber Mats	<input type="checkbox"/>	<input type="checkbox"/>
6.	Steering: Left Side Primary w/ Adjustable Tilt and Telescope	<input type="checkbox"/>	<input type="checkbox"/>
7.	License Plate Brackets: Front and Rear	<input type="checkbox"/>	<input type="checkbox"/>
8.	Front Bumper: 12" x 3/8" Painted Steel or similar w/ Duty Center Mounted Tow Pin; to include readiness for oversized load requirements (flag holders, banner fasteners, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
9.	AM/FM Radio w/ 2 Speakers Minimum	<input type="checkbox"/>	<input type="checkbox"/>
10.	Heater, Defroster, and Air Conditioner w/ Variable Temperature Control. Cabin Air Filter. HVAC Controls w/ Recirculation Switch	<input type="checkbox"/>	<input type="checkbox"/>
11.	Wipers: Intermittent	<input type="checkbox"/>	<input type="checkbox"/>
12.	Mirrors: Electric Adjustable	<input type="checkbox"/>	<input type="checkbox"/>
13.	Windows: Electric	<input type="checkbox"/>	<input type="checkbox"/>
14.	Pintle Hitch, 45,000 lb Capacity w/ Airbrake Lines, Electrical Brake Control, and 7 Way Plug. Includes two 1/2" D Rings	<input type="checkbox"/>	<input type="checkbox"/>
15.	Aluminum Bar Grate Walking Platform over Frame Extending from Headache Rack to 5 th Wheel	<input type="checkbox"/>	<input type="checkbox"/>
16.	Completed Unit Operational and Meets all Federal and State Regulations	<input type="checkbox"/>	<input type="checkbox"/>
17.	State Safety Inspection	<input type="checkbox"/>	<input type="checkbox"/>
18.	Delivery to 1727 Saint Ann, San Angelo, TX 76905	<input type="checkbox"/>	<input type="checkbox"/>
	POWERTRAIN		
1.	Engine: Six (6) Cylinder Diesel	<input type="checkbox"/>	<input type="checkbox"/>
2.	Must meet Year Model EPA Requirements	<input type="checkbox"/>	<input type="checkbox"/>
3.	Horsepower: 15 Liter Preferred, 480 HP @ 1800 RPM Minimum	<input type="checkbox"/>	<input type="checkbox"/>
4.	Torque: 1750 Lb/Ft @ 1100 RPM Minimum	<input type="checkbox"/>	<input type="checkbox"/>
5.	Engine Brake w/ Cruise Control Enabled at 3 MPH Above Set Speed	<input type="checkbox"/>	<input type="checkbox"/>
6.	Hood Air Intake w/ Engine Mounted High Capacity Air Cleaner and Dual Passive Precleaners Preferred	<input type="checkbox"/>	<input type="checkbox"/>
7.	Exhaust: Vertical Tailpipe, Right Hand, Mounted at B-Pillar. 11'6" Height (approximate) with Right Hand Curve. Automatic Over-the-Road Regeneration and Dash or Instrument Cluster Regeneration Request Function	<input type="checkbox"/>	<input type="checkbox"/>
8.	Rear Air On/Off Engine Fan Clutch. Automatic Fan Control w/ Dash Switch and Indicator Light. Non-Engine Mounted	<input type="checkbox"/>	<input type="checkbox"/>



9.	Transmission: Eaton Fuller VAS or VCS Ultrashift Plus Transmission (or current model, must meet horsepower/torque requirements), Electronic Shift Control, Steering Mounted	<input type="checkbox"/>	<input type="checkbox"/>
10.	Top Speed: Factory Set at 70 MPH	<input type="checkbox"/>	<input type="checkbox"/>
11.	Cruise Control w/ 70 MPH Limit	<input type="checkbox"/>	<input type="checkbox"/>
12.	Idle Shutdown: 5 Minutes without Clutch and Service Brake Override	<input type="checkbox"/>	<input type="checkbox"/>
13.	Rear Axle: Tandem w/ Dual Rear Wheel; Single Reduction; 4.11:1 Ratio	<input type="checkbox"/>	<input type="checkbox"/>
14.	Fuel Tank: 70 Gallon Minimum. LH Mounted	<input type="checkbox"/>	<input type="checkbox"/>
15.	PTO: Direct Mount Airshift Pump and Airshift PTO; Automatically Disengage at 5 MPH	<input type="checkbox"/>	<input type="checkbox"/>
16.	PTO With Cruise Set & Resume Switch: 700 RPM	<input type="checkbox"/>	<input type="checkbox"/>
17.	PTO Control. Dash-mounted w/ Indicator Light, Guard and Piping	<input type="checkbox"/>	<input type="checkbox"/>
18.	PTO Mode RPM Increment: 50 RPM	<input type="checkbox"/>	<input type="checkbox"/>
19.	PTO Governor Ramp Rate: 50 RPM per Second	<input type="checkbox"/>	<input type="checkbox"/>
20.	PTO Mode Engine RPM Minimum and Limit: 600 / 1500 RPM	<input type="checkbox"/>	<input type="checkbox"/>
21.	PTO Mode Clutch Override – Clutch Enabled	<input type="checkbox"/>	<input type="checkbox"/>
22.	PTO Shutdown: 20 Minutes without Clutch and Brake Override	<input type="checkbox"/>	<input type="checkbox"/>
23.	Automatic Engine Shutdown Protection System	<input type="checkbox"/>	<input type="checkbox"/>
24.	Front Axle: 14,600 Capacity Minimum. MFS-14-143A 14,700# FF1 Single Front Axle	<input type="checkbox"/>	<input type="checkbox"/>
25.	Rear Axle: RT-46-160 46,000# R-Series Tandem Rear Axle. Iron Rear Axle Carrier. 18N Meritor Extended Lube Main Driveline w/ Full Round Yokes. 17N Meritor Extended Lube Interaxle Driveline w/ Full Round Yokes	<input type="checkbox"/>	<input type="checkbox"/>
26.	Driver Controlled Traction Differential – Both Tandem Rear Axles, One (1) Interaxle Lock Valve, One (1) Driver Controlled Differential Lock. Forward-Rear and Rear-Rear Axle Valve Indicator Light and Buzzer for Each Mode Switch	<input type="checkbox"/>	<input type="checkbox"/>
CHASSIS, WHEELS, TIRES, AND STEERING			
1.	GVWR: 60,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
2.	Expected Rear Drive Axle Load: 40,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
3.	Expected GCWR: 110,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
4.	Power Steering Pump: TRW System. 4 Quart Power Steering Reservoir	<input type="checkbox"/>	<input type="checkbox"/>
5.	Front Suspension: 14,600# Taper Leaf Front Suspension w/ Maintenance Free Rubber Bushings – Front Suspension Front Shock Absorbers	<input type="checkbox"/>	<input type="checkbox"/>
6.	Rear Suspension: 46,000# Minimum Capacity. 56" minimum, 58" maximum Axle Spacing, Fore/Aft and Transverse Control Rods. Rear Shock Absorbers. Tandem Axle	<input type="checkbox"/>	<input type="checkbox"/>
7.	Frame: Single Steel Frame. 120,000 PSI or better, 2.5 Million RBM	<input type="checkbox"/>	<input type="checkbox"/>
8.	Tires and Wheels: Ten (10) 11R x 22.5 All Position 16 Ply Radial Cut and Chip Resistant. Mounted on Heavy Duty Steel Wheels	<input type="checkbox"/>	<input type="checkbox"/>
9.	Rear Fenders: Steel Full Width	<input type="checkbox"/>	<input type="checkbox"/>
10.	Ride: Air Suspension on Two Axles w/ Manual Dump Valve, Leveling Valve, Indicator Light, Gauge, and Buzzer. Rear Shock Absorbers Mounted on Two Axles	<input type="checkbox"/>	<input type="checkbox"/>
BRAKES			
1.	Wabco 4S/4M ABS w/ Traction Control or approved equivalent	<input type="checkbox"/>	<input type="checkbox"/>
2.	Relay Valve w/ 5-8 PSI Crack Pressure	<input type="checkbox"/>	<input type="checkbox"/>



3.	BW AD-9 Brake Line Air Dryer w/ Heater. Bendex Oil Coalescing Filter for Air Dryer. Frame Mounted. Or approved equivalent.	<input type="checkbox"/>	<input type="checkbox"/>
4.	Steel Air Brake Reservoirs w/ Pull Cables	<input type="checkbox"/>	<input type="checkbox"/>
5.	Meritor 16.5 x 5 Q+ Cast Spider Cam Front Brakes. Double Anchor, Fabricated Shoes	<input type="checkbox"/>	<input type="checkbox"/>
6.	Meritor 16.5 x 7 Q+ Cast Spider Cam Rear Brakes. Double Anchor, Fabricated Shoes	<input type="checkbox"/>	<input type="checkbox"/>
7.	Haldex Goldseal Longstroke 2-Drive Axles	<input type="checkbox"/>	<input type="checkbox"/>
8.	Spring Parking Chambers w/ Automatic Slack Adjusters	<input type="checkbox"/>	<input type="checkbox"/>
9.	Vehicle Roll Stability Control	<input type="checkbox"/>	<input type="checkbox"/>
	ELECTRICAL		
1.	Alternator: DR 12V 160 Amp Minimum.	<input type="checkbox"/>	<input type="checkbox"/>
2.	Battery: Group 31, 3000 CCA Minimum. Threaded Studs	<input type="checkbox"/>	<input type="checkbox"/>
3.	Battery Box Frame Mounted on Driver Side Under Cab	<input type="checkbox"/>	<input type="checkbox"/>
4.	Positive Load Disconnect w/ Cab Mounted Switch Mounted Outboard Driver Seat Preferred	<input type="checkbox"/>	<input type="checkbox"/>
5.	Positive and Negative Terminal Remotely Located for Jump Starting Purposes	<input type="checkbox"/>	<input type="checkbox"/>
6.	LED Marker, Stop, and Turn Lights	<input type="checkbox"/>	<input type="checkbox"/>
7.	Dual Amber LED Strobe Lights w/ Stainless Steel Brackets. Cab Mounted	<input type="checkbox"/>	<input type="checkbox"/>
8.	Automatic Fan Control w/ Dash Switch and Indicator Light. Non-Engine Mounted	<input type="checkbox"/>	<input type="checkbox"/>
9.	Phillips-Temro 1500 Watt / 115 Volt Block Heater w/ Chrome Engine Heater Receptacle Mounted Under LH Door	<input type="checkbox"/>	<input type="checkbox"/>
	TRAILER CONNECTIONS		
1.	JOST LSK37 Series Low Lube 24.0" Air Slide Fifth Wheel w/ 2" Slide Increments (or equivalent)	<input type="checkbox"/>	<input type="checkbox"/>
2.	Dash Mounted Control Valve and Plumbing for LH Air Actuated Fifth Wheel Release	<input type="checkbox"/>	<input type="checkbox"/>
3.	Trailer Slides Angled to Fifth Wheel	<input type="checkbox"/>	<input type="checkbox"/>
4.	12 Foot Straight Trailer Air Hose	<input type="checkbox"/>	<input type="checkbox"/>
5.	Hasp, Hook, and Spring for Trailer Lines	<input type="checkbox"/>	<input type="checkbox"/>
6.	Combination Dummy Glad Hands and Light Plug Holder	<input type="checkbox"/>	<input type="checkbox"/>
7.	Primary Connector / Receptacle Center Pin Powered through Ignition	<input type="checkbox"/>	<input type="checkbox"/>
8.	SAE J560 7-Way Primary Cable Receptacle Bracket Mounted on Back of Cab	<input type="checkbox"/>	<input type="checkbox"/>
9.	12 Foot Detachable Straight Primary Trailer Electrical Cable with SAE J560 7-Way Connector	<input type="checkbox"/>	<input type="checkbox"/>



HEADACHE RACK			
1.	Headache Rack: 3" Minimum Pipe or Square Steel or Aluminum; Heavy Duty a. Expanded Metal Covered Operator Line-of-Sight Window b. Tool Box: Driver and Passenger Side. Frame-mounted w/ Lockable Lid and Integrated Step c. Chain Box: Mounted Passenger Side Headache Rack. Vertical, Lockable d. Expanded Metal Walkway from Headache Rack and Winch to 5 th Wheel e. Two (2) Adjustable Work Lights: LED, Mounted to Upper Rail of Headache Rack	<input type="checkbox"/>	<input type="checkbox"/>
HYDRAULIC WET KIT			
1.	Chelsea Airshift PTO w/ In-Cab Control Valves or Approved Equivalent	<input type="checkbox"/>	<input type="checkbox"/>
2.	Pump: 27 gpm Minimum Dump Pump	<input type="checkbox"/>	<input type="checkbox"/>
3.	Pressure: 3000 psi Minimum	<input type="checkbox"/>	<input type="checkbox"/>
4.	Reservoir: 80 Gallon Minimum; Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
5.	Hoses and Connections: must connect and operated currently owned RGN (2 hose) and End Dump (single hose) trailers	<input type="checkbox"/>	<input type="checkbox"/>
6.	Relief Valve: 3000 psi	<input type="checkbox"/>	<input type="checkbox"/>
7.	Couplers: Quick Release	<input type="checkbox"/>	<input type="checkbox"/>
OPTIONS			
1.	4500 RDS Allison Automatic Transmission in lieu of Autoshift	<input type="checkbox"/>	<input type="checkbox"/>
2.	5 Year/60,000 mile Extended Warranty on Engine, After Treatment and Transmission (List Items and Terms Separately)	<input type="checkbox"/>	<input type="checkbox"/>
3.	Operator, Parts, and Service Manuals	<input type="checkbox"/>	<input type="checkbox"/>