



CITY OF SAN ANTONIO

P.O. Box 839966
SAN ANTONIO, TEXAS 78283-3966

ADDENDUM II

SUBJECT: 6100000430 scheduled to open August 12, 2011 date of issue July 13, 2011

DATE: August 3, 2011

THE ABOVE MENTIONED FORMAL INVITATION FOR BID IS HEREBY AMENDED AS FOLLOWS:

1. GENERAL CONDITIONS, Paragraph 5, Change sentence to read:
All units to be equipped at the factory with air conditioning, full headliner, fresh air heater and defroster units, minimum AM/FM OEM radio. All rear brake lights and running lights on cab, chassis and or bodies shall be of light emitting diode (L.E.D.) type.
2. GENERAL CONDITIONS, Paragraph 8, Delete sentence 2.
3. GENERAL CONDITIONS, Paragraph 15, Delete entire paragraph.
4. GENERAL CONDITIONS, Paragraph 17, Letter "O", Delete entire paragraph.
5. GENERAL CONDITIONS, Paragraph 18, Change sentence 2 to read:
All non-chassis diesel engines shall be Tier III compliant.
6. GENERAL CONDITIONS, Add Paragraph 20 to read:
20. Training for employees in addition to training video to be supplied by awarded vendor after delivery of units.
7. Item 1, SPECIFICATIONS: CAB & CHASSIS, Paragraph 1, Add sentence:
Road speed shall be electronically governed to 65 MPH. Cruise control will not be activated. Engine will shut down after five (5) minutes of idle time.
8. Item 1, SPECIFICATIONS: CAB & CHASSIS, Paragraph 8, Change sentence 1 to read:
Wheels to be 10 hole hub piloted steel disk wheel, minimum 11R-22.5 tires to meet GWWR.
9. Item 1, SPECIFICATIONS: CAB & CHASSIS, Paragraph 13, Add sentence to read:
Shall have a battery disconnect or cut-off switch located adjacent to battery.
10. Item 1, SPECIFICATION: HYDRAULIC DUMP BODIES, 7CY CAPACITY, Paragraph 5, Delete sentence 5.

11. Item 2, SPECIFICATIONS: CAB & CHASSIS, Paragraph 2, Change sentence 1 to read:
Diesel engine, minimum 240 hp and 605 foot pounds of torque.
12. Item 2, SPECIFICATIONS: CAB & CHASSIS, Paragraph 11, Change sentence 1 to read:
Front and rear wheel seals to be Stemco Wet, 10 hole hub piloted wheels, minimum 8.25" rims with minimum 11R-22.5 tires (NO EXCEPTIONS), minimum load range H, tubeless steel belted radial tires.
13. Item 2, SPECIFICATIONS: CAB & CHASSIS, Paragraph 16, Change sentence 2 to read:
Right hand tank to be step type, left tank may be step or frame type, mounted as far forward as possible.
14. Item 2, SPECIFICATIONS: CAB & CHASSIS, Paragraph 17, Delete sentence 2.
15. Item 2, SPECIFICATIONS: CAB & CHASSIS, Paragraph 18, Change sentence 1 to read:
All necessary clearance lights, marker lights, reflectors, mud flaps (plain black), and back up alarm to be included must meet state inspection requirement.
16. Item 3, SPECIFICATIONS, Paragraph 2, Change sentence 1 to read:
Diesel engine with a minimum 300 horsepower and 750 foot pounds of torque.
17. Item 3, SPECIFICATIONS, Paragraph 3, Change paragraph to read:
Allison 3500 RDS, or proven equal.
18. Item 3, SPECIFICATIONS, Paragraph 8, Change sentence 1 to read:
Front and rear wheel seals to be Stemco Wet, 10 hole piloted steel wheels, minimum 8.25" rims with minimum 11R-22.5 tires (NO EXCEPTIONS), minimum load range H, tubeless steel belted radial tires.
19. Item 3, SPECIFICATIONS, Paragraph 13, Change paragraph to read:
To be equipped with under cab minimum 50 gallon steel, single left hand tank. Fuel filtration system to include primary and secondary type fuel filters.
20. Item 3, SPECIFICATIONS, Paragraph 17, Delete entire paragraph.
21. Item 4, Delete Item 4 in its entirety.
22. Add Item 4A, Item 4A shall read:

ITEM	QUANTITY	DESCRIPTION
4A	2 Each	Trailer, Minimum 60 Ton, Self-Lifting, Detachable (RGN)

SPECIFICATIONS:

1. Hauling capacity- 120,000 lbs. minimum, rated at not less than 55 mph over improved roads. Trailer weight not to exceed 28,000 lbs.

2. Construction- High tensile strength steel, Minimum 100,000 psi yield strength steel

3. Dimensions-

Deck Width	Minimum 108"
Deck Height	Maximum 24" loaded
Overall Length	Minimum 51'
Deck Length	Minimum 25'
Dovetail	Minimum 13'

4. Tongue shall allow future 60 ton payload hauling, gooseneck to be reinforced to accept a future 66" inch flip extension to accommodate a future tandem jeep dolly. Rear to be frame reinforced to accept a future spreader tandem boaster.
5. Deck- Floor to be full width 2" minimum hardwood (Oak) on main deck and at rear (above wheels), and firmly secured to frame members with recessed bolts. There shall be fourteen (14) tie down rings, seven (7) on each side of trailer. Shall have locking, both in and out position cast steel outriggers. Shall have raised wheel covers, trailer shall have full decking cover plate with no boom well.
6. Tires/Wheels - Twelve (12) 275/70R22.5 (H) rated steel belted radials mounted to hub piloted wheels.
7. Brakes- Full air brakes with anti-lock brake system and spring parking brakes on all wheels.
8. Suspension- Air Ride suspension with combined capacity 75,000 lbs. Tri axles, minimum 5" diameter. Third axle to be air lift type.
9. Ramps- Two (2) front flip ramps, wood filled, w/grousers on nose of trailer.
10. Hydraulics – Shall have a minimum two (2) main, one (1) locking and one (1) gooseneck support hydraulic cylinders with control valve at eye level. Shall have combination power pack with wet kit (Honda powered).
11. Electrical System to be sealed L.E.D. lights and sealed wiring harness with 7-way ATA plug.
12. A Fixed permanent "WIDE LOAD" sign (24" x 48"), Yellow background with Black letters, will be attached across the back of trailer. Trailer color shall be black with conspicuity tape along sides and rear of trailer.
13. Power Pack/ Pony-Motor – Shall be mounted in the well of the gooseneck of trailer.

23. Add Item 4B, Item 4B shall read:

ITEM	QUANTITY	DESCRIPTION
4B	1 Each	Trailer, Minimum 60 Ton, Self-Lifting, Detachable (RGN)

SPECIFICATIONS:

1. Hauling capacity- 120,000 lbs. minimum, rated at not less than 55 mph over improved roads. Trailer weight not to exceed 28,000 lbs.

2. Construction- High tensile strength steel, Minimum 100,000 psi yield strength steel

3. Dimensions-

Deck Width	Minimum 102"
Deck Height	Maximum 24" loaded
Overall Length	Minimum 51'
Deck Length	Minimum 25'
Dovetail	Minimum 13'

4. Tongue shall be Gooseneck type with a minimum 102" in length. It shall not be straight, but contoured to increase clearance of frame rails.

5. Deck- Floor to be full width 2" minimum hardwood (Oak) on main deck and at rear (above wheels), and firmly secured to frame members with recessed bolts. There shall be fourteen (14) tie down rings, seven (7) on each side of trailer. Shall have locking, both in and out position cast steel outriggers. Shall have raised wheel covers, trailer shall have full decking cover plate with no boom well.

6. Tires/Wheels - Twelve (12) 275/70R22.5 (H) rated steel belted radials mounted to hub piloted wheels.
 7. Brakes- Full air brakes with anti-lock brake system and spring parking brakes on all wheels.
 8. Suspension- Air Ride suspension with combined capacity 75,000 lbs. Tri axles, minimum 5" diameter. Third axle to be air lift type.
 9. Ramps- Two (2) front flip ramps, wood filled, w/grousers on nose of trailer.
 10. Hydraulics – Shall have a minimum two (2) main, one (1) locking and one (1) gooseneck support hydraulic cylinders with control valve at eye level. Shall have combination power pack with wet kit (Honda powered).
 11. Electrical System to be sealed L.E.D. lights and sealed wiring harness with 7-way ATA plug.
 12. A Fixed permanent "WIDE LOAD" sign (24" x 48"), Yellow background with Black letters, will be attached across the back of trailer. Trailer color shall be black with conspicuity tape along sides and rear of trailer.
 13. Power Pack/Pony-Motor – Shall be mounted in the well of the gooseneck of trailer.
24. Item 6, Change DESCRIPTION to read:
Cab and Chassis, 6X4, Minimum 66,000 GVWR with Minimum 10.5 Cubic Yard Cement Mixer
 25. Item 6, Section A, Cab & Chassis Specifications, Paragraph 1, Change sentence 1 to read:
Diesel, water-cooled, minimum 395 horsepower at 2100 RPM producing a minimum of 1400 lb. ft. of gross torque.
 26. Item 6, Section A, Cab & Chassis Specifications, Paragraph 3, Change paragraph to read:
Units to be equipped with three (3) minimum 12 volt, heavy-duty batteries (total 2100 CCA). Minimum 160 amp alternator.
 27. Item 6, Section A, Cab & Chassis Specifications, Paragraph 4, Change paragraph to read:
Allison 4500RDS 6 speed or 8 speed manual transmission with double low gears is acceptable.
 28. Item 6, Section A, Cab & Chassis Specifications, Paragraph 7, Change sentence 2 to read:
Stemco or equal front wheel visible cap bearing oiler or maintenance free axle.
 29. Item 6, Section A, Cab & Chassis Specifications, Paragraph 9, Change paragraph to read:
Minimum Hendrickson RT-463 or equal, rear spring suspension with rear suspension control rods fore and aft. Two axles to have transverse mounted heavy duty rear shock absorbers.
 30. Item 6, Section A, Cab & Chassis Specifications, Paragraph 10, Change paragraph to read:
Wheels to be ten (10) hole hub piloted steel disk wheel. Front tires shall be minimum 425/65R 22.5, steel belted tubeless radials, rated at a minimum 10,000 lbs. each with 22.5 X 12.25 steel wheels. Front wheels to be highway tread design. Rear dual wheel application to be on-off, self-cleaning, lug design.
 31. Item 6, Section A, Cab & Chassis Specifications, Paragraph 11, Delete sentence 8:
 32. Item 6, Section A, Cab & Chassis Specifications, Paragraph 12, Delete sentence 3.
 33. Item 6, B. MIXER SPECIFICATIONS: Paragraph 1, Change sentence to read:
Mixer – T.M.M.B. rated Minimum 10.5 cubic yard drum volume.
 34. Item 7, Change QUANTITY to "18 Each"

35. Item 7, Paragraph 1, Change sentence 1 to read:
Diesel, minimum 475 net horsepower rated at manufacturer's recommended RPM, producing a minimum of 1650 ft. lb. of gross torque.
36. Item 7, Paragraph 4, Change sentence to read:
Full depth, high performance, minimum 2,000,000 RBM.
37. Item 7, Paragraph 6, Change sentence 1 to read:
Set back front axle with minimum 14,000 lbs. capacity with 14,000 lbs. springs with Stemco or proven equal front wheel bearing oiler or maintenance free axle is approved.
38. Item 7, Paragraph 7, Change sentence 2 to read:
Single speed tandem drive, minimum 46,000 lbs. capacity, to be Rockwell RT 46-160 or equal."
39. Item 7, Delete Option A, Option B, & Option D in their entirety.
40. Item 7, Add Paragraph 18, Paragraph shall read:
Wet Kit - A truck mounted wet kit will be provided and installed. A transmission mounted PTO and direct mount pump will be installed on the truck transmission (Fuller FR14210-B) which produces 50-90% of engine RPM. A metal hydraulic reservoir to be mounted behind cab and be a minimum of 75 gallon capacity. Hydraulic controls to be mounted inside truck cab readily accessible to the driver. All valves and fittings required to make wet kit and trailer completely operational to include one female quick coupler (Aeroquip 6-5100-2516 or equal) and one male quick coupler (Aeroquip 6-5100-52-16B or equal). Wet kit to be filled to capacity with SAE 10 hydraulic oil meeting MIL-L-46152 specifications. Wet kit pump shall be configured to be used with live bottom trailers.
41. Add Item 8, Item 8 shall read:

ITEM	QUANTITY	DESCRIPTION
8	2 Each	Cab and Chassis, Minimum 66,000 GVWR, 102" Usable cab to axle Tractor

SPECIFICATIONS:

1. Engine - Diesel, minimum 500 net horsepower rated at manufacturer's recommended RPM, producing a minimum of 1850 ft. lb. of gross torque. Nominal torque rise minimum 25%, with viscous or electromagnetic fan clutch.
2. Electrical - Units to be equipped with three (3) minimum 12-volt, heavy duty batteries (total 2100 CCA).
3. Transmission - Fuller RTLO-18918B, or proven equal. Minimum 18 speed transmission.
4. Frame - Full depth, high performance, minimum 3,000,000 RBM.
5. Clutch - Minimum 15.5", 2 plate, heavy-duty ceramic faced. Release bearing to have Zerk extension hose.
6. Front Axle – Set back front axle with minimum 20,000 lbs. capacity with 20,000 lbs. springs with Stemco or proven equal front wheel bearing oiler or maintenance free axle is approved. To include heavy duty front shocks.
7. Rear Axle – Tandem axle configuration – 6X4 design. Single speed tandem drive, minimum 46,000 lbs. capacity, to be Rockwell RT 46-160 or equal. Gear ratio installed must be capable of 65 mph +/- 2 mph geared road speed at full engine governed RPM. Driver controlled differential locks on both rear axles.
8. Rear Suspension - Minimum 46,000 lbs. capacity, Haulmax HMX or proven equal.

9. Wheels & Tires – Front wheels to be 10 hole hub piloted, 22.5 X 9” steel disk wheels, minimum 315/80R 22.5, steel belted tubeless radials, rated at 10,000 lbs each. Front wheels to be highway tread design. Rear dual wheel application to be on-off, self-cleaning, lug design (Goodyear G124 series or equal).
10. Brakes - Full air, S-cam type, with dust shields, manufacture’s heavy duty brake shoes, spring set parking brakes. Front and rear Rockwell or equal, automatic slack adjusters. Minimum 13 CFM compressor, Midland Pure Air Plus Dryer Model DA33100 or equal with automatic drain valves Model KN24000 or equal and equipped with manual pull chains accessible from the side of the truck. Spring set parking brakes on both rear axles. All brake drums to be cast iron. Brake linings to be non-asbestos. One (1) ½ female quick connect coupling to be located in an area near the front bumper and to be plumbed to the air tank for emergency brake release.
11. Fuel System - Single left or right hand metal tank mounted under cab or dual left and right hand step tanks mounted under cab. Minimum total fuel capacity to be 70 gallons. Fuel filtration to include primary and secondary filtering systems with automatic water separator.
12. Color - OEM white.
13. Hood - Tilt type hood.
14. Exhaust System - Muffler, vertical exhaust tailpipe, heat cover, 90 degree elbow to prevent rain from entering system, to be mounted to allow full utilization of specified cab to axle length.
15. Cooling System - Largest capacity radiator available with coolant conditioner spin-on element.
16. Accessories – Tractor air brake system and 7-line trailer connector. Two (2) high intensity strobe lights (Whelen TIR-6, P/N 01-0663507A33B, Super LED, 500 Series Directional Warning Light or proven equal) to be installed, two (2) in the front. All strobe lights will operate automatically whenever ignition switch is on, and also from the OEM dash mounted toggle switch with no key in ignition. A catwalk and access steps constructed of expanded metal grating or perforated metal to provide a non-slip surface. Material finish will be in black color. Aluminum will be acceptable unfinished. Provided and installed between the truck frame rails behind the cab and to extend all the way to the fifth wheel slide, to provide the operator a place to stand while making hydraulic, electrical and pneumatic connections. Catwalk will be mounted as to not contact trailer while traversing uneven terrain. Vehicle shall have full coverage split rear steel fenders covering all wheels as to not contact trailer. An 8” convex mirror to be installed below the door mirror on both sides and fender mirror’s to be installed on the right and left front fenders.
17. Fifth Wheel – Holland FW-8-7401G4L06 “32” air slide, or proven equal. Fifth wheel to extend above rear fenders as to not cause trailer contacting fender under operation in uneven terrain.
18. Header rack to hold ½ inch chains and booms with full expanded metal coverage; material to be heavy gauge metal or heavy gauge aluminum, finish will be in black color. Aluminum will be acceptable unfinished.
19. Emergency light bar (acceptable model, Whelan model FX2AAAA all amber) with two (2) halogen rear work lights (acceptable model, Whelan model FLWL2) to include 2 amber inboard super LED light heads (acceptable model, Whelan model FLDAA). Light bar to be wired to switchbox located in cab.
20. Wet Kit - A truck mounted wet kit will be provided and installed. A transmission mounted PTO and direct mount pump will be installed on the truck transmission (Fuller FR14210-B) which produces 50-90% of engine RPM. A metal hydraulic reservoir to be mounted behind cab and be a minimum of 75 gallon capacity. Hydraulic controls to be mounted inside truck cab readily accessible to the driver. All valves and fittings required to make wet kit and trailer completely operational to include one female quick coupler (Aeroquip 6-5100-2516 or equal) and one male quick coupler (Aeroquip 6-5100-52-16B or equal). Wet kit to be filled to capacity with SAE 10 hydraulic oil meeting MIL-L-46152 specifications.

21. Pusher axle, configured to a tri axle, to be a minimum of 14,000 lbs and be air actuated to lift when not in operation. Ride height of a minimum 12 inches."

42. PRICE SCHEDULE, Item 1, Add:
Diagnostic Software Price (5) Copies Total: \$ _____
Diagnostic Software Renewal Total \$ _____

43. PRICE SCHEDULE, Item 2, Add:
Diagnostic Software Price (5) Copies Total: \$ _____
Diagnostic Software Renewal Total \$ _____

44. PRICE SCHEDULE, Item 3, Add:
Diagnostic Software Price (5) Copies Total: \$ _____
Diagnostic Software Renewal Total \$ _____

45. PRICE SCHEDULE, Delete Item 4.

46. PRICE SCHEDULE, Add Item 4A, 4A shall read:

ITEM	QUANTITY	DESCRIPTION
4A	2 Each	Trailer, Min. 60 Ton, Self Lifting, Detachable (RGN)

PRICE EACH: \$ _____

ITEM TOTAL: \$ _____

LAST DATE TO ORDER AT THIS PRICE: _____

PRODUCTION CUT-OFF DATE: _____

WILL UNIT BE AVAILABLE AFTER CUT-OFF DATE: _____

YEAR, MAKE & MODEL CAB & CHASSIS:

SPECIFIC MAKE & MODEL OF TRANSMISSION OFFERED:

SPECIFIC MAKE & MODEL OF BODY:

DELIVERY: Delivery will be made within _____ calendar days after receipt of purchase order.

47. PRICE SCHEDULE, Add Item 4B, 4B shall read:

ITEM	QUANTITY	DESCRIPTION
4B	1 Each	Trailer, Min. 60 Ton, Self Lifting, Detachable (RGN)

PRICE EACH: \$ _____

ITEM TOTAL: \$ _____

LAST DATE TO ORDER AT THIS PRICE: _____

PRODUCTION CUT-OFF DATE: _____

WILL UNIT BE AVAILABLE AFTER CUT-OFF DATE: _____

YEAR, MAKE & MODEL CAB & CHASSIS:

SPECIFIC MAKE & MODEL OF TRANSMISSION OFFERED:

SPECIFIC MAKE & MODEL OF BODY:

DELIVERY: Delivery will be made within _____ calendar days after receipt of purchase order.

48. PRICE SCHEDULE, Item 6, Add:

Diagnostic Software Price (5) Copies Total \$ _____
Diagnostic Software Renewal Total \$ _____

49. PRICE SCHEDULE, Delete Items 7 (A) – 7 (D) in their entirety.

50. PRICE SCHEDULE, Item 7, Change QUANTITY to read "18 Each".

51. PRICE SCHEDULE, Item 7, Add:

Diagnostic Software Price (5) Copies Total \$ _____
Diagnostic Software Renewal Total \$ _____

52. PRICE SCHEDULE, Add Item 8:

ITEM	QUANTITY	DESCRIPTION
8	2 Each	Minimum 66,000 GVWR, Regular Cab & Chassis, 102" Usable Cab To Axle Tractor

PRICE EACH: \$ _____

ITEM TOTAL: \$ _____

LAST DATE TO ORDER AT THIS PRICE: _____

PRODUCTION CUT-OFF DATE: _____

WILL UNIT BE AVAILABLE AFTER CUT-OFF DATE: _____

YEAR, MAKE & MODEL CAB & CHASSIS:

SPECIFIC MAKE & MODEL OF TRANSMISSION OFFERED:

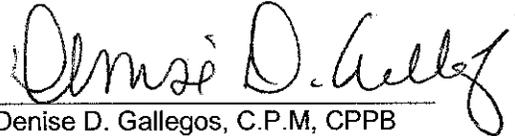
SPECIFIC MAKE & MODEL OF BODY:

DIAGNOSTIC SOFTWARE PRICE (5) COPIES TOTAL: \$ _____

DIAGNOSTIC SOFTWARE RENEWAL TOTAL: \$ _____

DELIVERY: Delivery will be made within _____ calendar days after receipt of purchase order.

****THIS ADDENDUM MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE****



Denise D. Gallegos, C.P.M, CPPB
Procurement Administrator
Purchasing & General Services Department

Date _____

Company Name _____

Address _____

City/State/Zip Code _____

Signature