

INVITATION FOR BID
Bid # 2013-RD103
Truck Mounted Hydraulic Excavator
USED PRIMARILY FOR DITCH CLEANING AND SMALL EXCAVATING
APPLICATIONS.

Must be capable to travel minimum of 45 mph on highways

TECHNICAL SPECIFICATIONS
Bid # 2013-RD103

List Model Bid: _____

<u>MINIMUM SPECIFICATIONS</u>	<u>EXCEPTIONS</u>
<p>1. TYPE</p> <ul style="list-style-type: none"> a. 6x4 Carrier b. To accommodate specified Hydraulic Excavator c. GVW-60,000 lbs. minimum. d. Wheel Base 171"-Width 102 inches minimum. 	
<p>2. AXLES</p> <ul style="list-style-type: none"> a. Front-16,000 lb. b. 8 leaf spring with automatic lock out cylinders. c. Rear 50,000 lb. minimum rating through hubs. Controlled differential lock in front/read and inter axle differential with lock 8' oscillation 	
<p>3. BRAKES</p> <ul style="list-style-type: none"> a. ABS air brake system b. Spring applied parking brake. c. Front and rear automatic slack adjusters. d. Low air pressure warning indicator e. Front size 16.6"x5" Meritor Q Plus type with cam Master Auto Stack Adjusters Full Air Brakes-S-Cam Type. f. REAR-S-Cam Master 16 1/2" x 7". Auto slack adjusters Spring brake system to incorporate emergency and parking on the rear axle. Heated air dryer 	

<p>4. Chassis Cab EQUIPMENT</p> <ul style="list-style-type: none"> a. One person Cab – left hand mount isolated by rubber mounts b. Acoustical lining c. Sun Visor – Tinted Safety Glass d. Gauges – oil pressure – coolant temp - air tank pressures – fuel level – DEF level – voltmeter – speedometer with odometer – tachometer with hour meter e. Indicator Lights – Engine – Transmission- Engine Shutdown Controlled by engine electronic f. Fresh Air Heater, defroster and air conditioner g. Dome Light h. Air Suspension seat w/seat belt i. Vandal protection, including locks for cab door(s), engine compartment, and exposed (outside of locked cab or locked engine compartment) battery box and fluid caps. j. Cab assist handles both sides. 	
<p>5. Upper structure Cab EQUIPMENT</p> <ul style="list-style-type: none"> a. Fully enclosed all weather cab with maximum cab heat and sound insulation, suspension seat with seat belt, factory-tinted safety glass all around, skylight, air conditioner, heater, defroster and air conditioner.. b. Vandal protection, including locks for cab door(s), engine compartment, and exposed (outside of locked cab or locked engine compartment) battery box and fluid caps. c. Hydraulic system to provide independent swing and remote control travel. d. Toolbox, lockable, and all special tools needed to operate, adjust or maintain the machine. e. Hydraulic Joy Stick controls for all upperstructure movement. f. Two pedal controls for remote operation of the carrier. g. Engine controls to include ignition switch with neutral start, warning lights for low air, engine maintenance, hydraulic filter condition and hydraulic fluid temperature and level, automatic engine shutdown for low oil pressure or high coolant temperature and engine throttle . h. Four-way adjustable operators seat i. Dome light j. AM/FM Radio k. Air conditioning l. Ample work lights m. Mirrors on right and left side of machine n. Windshield wipers and washer. 	

<p>6. ELECTRICAL SYSTEM</p> <ul style="list-style-type: none"> o. 12-Volt System. p. Batteries-two (2), 12 volt, 1900 CCA at zero degrees. q. Battery Box – Steel w/Molded Plastic Cover. r. Alternator-Delcotron, 135 AMP 34SI, brushless. s. Complete LED, ICC lighting system w/ 2 halogen bulb headlights w/ daytime running lights. t. Shall have circuit breakers in lieu of fuses. u. Shall have auxiliary harness for front headlights and turn signals for front plow lights. 	
<p>7. ENGINE</p> <ul style="list-style-type: none"> a. Diesel-250 HP minimum @ 2100RPM. b. Tier 3 Engine required – limited electronics c. Specify make, model, CID, and HP @ rated RPM. d. Liquid Cooled. e. Off Highway Certified f. Oil filter is engine mounted-disposable. g. 5yr., 100,000-mile warranty. 	

<p>8. CHASSIS</p> <ul style="list-style-type: none"> a. Frame-Single channel 120,000KSI steel.7/16"x3 3/4"x 11 1/8" steel frame (11.11 mm x 95.25mm x 333.38mm). b. Side rail section modules 29.1 cu. in. (per rail) c. List RBM 2,500,000 lbf-in (per rail) minimum. d. Yield strength 120,000 psi. minimum. e. Front frame extension must be part of parent rail continuous of main frame (integral). f. 20" integral front frame extension or adequate for plow mount installation. Not less than 14 inches from grill. g. 14" extension beyond rear of rear tires to accommodate a 14'6" length box. h. Two (2) body safety stops. i. Front and Rear Tow hooks j. Fuel Tank-Aluminum Left hand 75 gallon step tank with non-skid tread. k. Electronic backup alarm 112db 	
<p>9. DIFFERENTIAL</p> <ul style="list-style-type: none"> a. Meritor Differential. b. Differential to be geared for 60 mph with specified tires. c. No spin rear axle. d. Inter-axle differential and lock out with dash-mounted control - all eight (8) wheels locking e. Synthetic gear oil. 	
<p>10. TRANSMISSION</p> <ul style="list-style-type: none"> a. Manual 9 to 10 forward speeds b. Synthetic Transmission Oil "TranSynd TES-295". c. On dash Push Button Shifting. d. PTO Provision Chelsea 67 series constant mesh. e. Transmission Cooler. f. Close ratio six (6) speed. g. Full 2 year warranty. h. 14 inch diameter two plate clutch i. Transfer Case - Single speed, with air operated front axle disconnect. 	

<p>11. PERFORMANCE:</p> <ul style="list-style-type: none"> a. Factory installed speedometer, odometer, ammeter or voltmeter, fuel gauge, engine oil pressure gauge, coolant temperature gauge, tachometer, air pressure gauge and dash-mounted engine hour meter. Electronic warning monitoring system. b. Power steering. 	
<p>12. SUSPENSION/SPRINGS/TIRES & RIMS</p> <ul style="list-style-type: none"> a. FRONT <ul style="list-style-type: none"> (i) Springs Multileaf Shackle Type-Front 20,000 lb. min. capacity. (ii) Front fender flares or extensions. (iii) Front Tires – (2) 425/65 R22.5 L rating. (iv) Front Rims: Two (2) 12.25 x 22.5 ISO steel disc wheels painted white. b. REAR SUSPENSION <ul style="list-style-type: none"> (i) Single Reduction 40,000-lb with 200 wheel ends (ii) Locking Rear Axel (iii) Leaf Springs & Pivot P7 (iv) Rear Chambers-30-30 type- HIGH MOUNTED. (v) Meritor automatic type slack adjusters. (vi) (8) Rear Tires- 11R 22.5 H rating 14 ply (vii) Rear mud flaps mounted on rear with removable hooks. (viii) Fenders over rear tires (installed by body builder). (ix) Rear Rims: Eight (8) 8.25 x 22.5 ISO steel disc wheels painted white. 	
<p>11. PAINT Standard Factory</p>	
<p>12. TIRES</p> <ul style="list-style-type: none"> c. Front tires: 385/65R225 18 ply on/off highway. d. Rear tires: 11R245 16 ply on/off highway traction tread 	

<p>13. MISCELLANEOUS</p> <p>Vendors shall provide:</p> <p>a. One (1) each of the following written manuals:</p> <ul style="list-style-type: none"> (i) Parts Manual. (ii) Body Builder Manual. (iii) Shop Service Manual. (iv) Shop Overhaul Manual. (v) Electrical Service Manual with Schematics. (vi) Emission Service Manual. (vii) Service Bulletin with Updates. (viii) Operators Manual. <p>b. A complete set of service filters and belts for truck.</p> <p>c. On site instruction for two (2) people for servicing of major components such as engine, emissions etc.</p> <p>d. Fixed Thumb Grapple</p>	
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Options to Price Separately for Hydraulic Excavator	Exceptions
Rotary 60" Cutting Head	
Tree Limb Shearer	

BID FORM (1)
Truck Mounted Hydraulic Excavator
 Bid # 2012-RD103

VENDOR:

PRICE: - One (1) New Current Truck Mounted Hydraulic Excavator

:Vendor(s)	Body & Equipment Vendors
Make Model	
Net Price – Delivered to Gordon County, GA	
Options	
Rotary 60” Cutting Head	
Tree Limb Shear	
Total with options Delivered to Gordon County	

Delivery Time: This is the total delivery time frame from order date including truck set up by various vendors _____ (approx. # Days)

Company Submitting Bid _____

Bid date _____

Name of Bidder:

Contact Person:

Address:

City/State/Zip:

Telephone:

Fax:

E-mail:

Authorized Signature _____

Title: _____

Name Printed: _____

Date: _____

It is agreed by the above signed bidder that the signature and submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of the bid specifications and, if awarded, the bid will represent the agreement between the parties.

The bidder agrees that the cost of any work performed, materials furnished, services provided, or expenses incurred, which are not specifically delineated in the bid documents, but which are incidental to the scope, intent, and completion of this contract, shall be deemed to have been included in the prices bid for the various items scheduled.