

BID SUBMITTAL FORM
Alabama County Joint Bidding Program
BID ITEM – HEAVY DUTY DUMP TRUCK CHASSIS OPTION A

Company Name: Nextran Truck Centers

Address: 1801 Fulton Rd Po Box 820
Fultondale, Al 35068

Bid Submitted by: Bruce Graham
(Name of company representative)

Title: Sales Manager e-mail address: bgraham@nextranusa.com

Phone: 205-337-7724 / 205-841-4450 Fax: 205-841-4430

By submitting this bid, we agree: Initials

That the equipment model number identified below meets the bid specs for this bid item BG

That the bid price will be honored for all counties for the period from Jan. 1, 2019 to Dec. 31, 2019 BG

That the equipment will be delivered at the bid price to all counties participating in the joint bid program BG

That the company representative listed above will be the contact person for purchasing this bid item under the joint bid program BG

That the bid is accompanied by a current catalog or model specification document for the model number identified below BG

That the bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications BG

That the bid includes the e-verify documentation required by Alabama law BG


That, if awarded the bid, a performance bond will be provided upon request BG

That an option sheet with individual pricing is attached BG

Total Bid Price including options: \$ 124,474.00

Equipment Model #: 2020 Mack GR64F

Description: Heavy Duty Dump Chassis

Signature of company representative submitting bid: 

Title: Sales Manager

OPTION COST SHEET FOR HEAVY DUTY DUMP TRUCK CHASSIS OPT A

Option

Option Price


Furnish, as an alternate transmission from the base bid, an Allison 4500-RDS-6 six speed automatic over drive Rugged Duty Series Gen 4 with transmission cooler, external oil cooler, internal filter, oil level sensor, temperature gauge and aluminum bell housing. Allison transmission to be factory filled with TRANSYND synthetic lubricant. Allison transmission low gear ratio = 4.70 and transmission high gear ratio = .67 over drive.

\$ 10,000.00

NOTE: Award will be made on the basis of the total cost of the machine with all options included. However, a county may, at its discretion, deduct one or more of the above-referenced options from the machine, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the machine. There shall be no other deductions and no additions made to the machine by the purchasing county or by the vendor.

Equipment Model #: 2020 Mack GR64F

Description: Heavy Duty Dump Chassis

Signature of company representative submitting bid: 

Title: Sales Manager

BID SPECIFICATIONS FOR HEAVY DUTY DUMP TRUCK CHASSIS - OPTION A

GENERAL

These specifications shall be construed as the minimum acceptable standards for a heavy-duty dump truck chassis. Should the manufacturer's current published data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturers' equipment.

The use of specific names or numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size, and quality of equipment considered best adapted to the uses of counties participating in this joint bid.

Note all units offered for bid must be of manufacturer's current production model and must be fully compliant with EPA standard US GHG17 without the use of EPA engine credits. Chassis should be equipped with the appropriate diesel particulate filter and SCR after treatment system.

BID SUBMITTAL FORM

Each bidder must submit his or her bid on the Bid Submittal Form included in the invitation to bid package. All written warranties to be submitted shall be attached to the Bid Submittal Form.

BID PRICE

The price bid shall include all destination charges, delivery charges, title fees, rebates and all other applicable costs and refunds.

REPLACEMENT PARTS AVAILABILITY

Parts must be available for 5 years or 500,000 miles of use for the piece of equipment bid.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty along with a complete explanation of the warranty with their bid. Warranty must be transferable. Warranty must include the following minimum coverage:

Basic Vehicle: 1 Year or 100,000 miles

Diesel Engine: 2 year or 250,000 miles. However, counties will have the option to purchase additional coverage (an extended warranty) if negotiated between the purchasing county and successful bidder within the first 9 months of truck purchase.

Transmission: 3 Year or 300,000 miles

Front tires to be 18 ply 425/65R22.5 radials Bridgestone M864, Goodyear G296MSA or Michelin XZY3.

Yes No
Page # 9

REAR AXLE

46,000# capacity (4.19-4.30) ratio double reduction design tandem rear axle with top loaded carriers and 46,000# multi leaf rear suspension with anti sway springs, transverse torque rod and bronze center bushings. Leaf over walking beam design with bronze center bushings will be accepted as a substitute, however no Reyco, air ride or T ride suspensions will be accepted.

Yes No
Page # 4

In cab Power divider lock out valve with warning light and buzzer.

Yes No
Page # 4

Meritor "S" cam design 16.5" x 7" Q+ brakes with:
Outboard drums and dust shields

Yes No
Page # 4

Mechanically controlled (not driver controlled) inner wheel power divider in front and rear carrier

Yes No
Page # 4

Automatic slack adjusters

Yes No
Page # 4

Brake chambers shall be (4) 30/30 style chambers with raised chambers on rear axle.

Yes No
Page # 4

Rear wheels to be Alum Disc (10) hole bud style, hub piloted 24.5x 8.25 inside and out.

Yes No
Page # 9

Rear tires to be 14 ply traction radials Bridgestone M799, Goodyear Armor Pro MSD, or Michelin XDS2.

Yes No
Page # 9

Options

In addition to the above options related to the tri-axle or heavy duty dump truck chassis, the bid must also include the cost for each of the following options, itemized separately on the bid:

Allison 4500-RDS-6 six speed automatic over drive Rugged Duty Series Gen 4 with transmission cooler, external oil cooler, internal filter, oil level sensor, temperature gauge and aluminum bell housing. Allison transmission to be factory filled with *TRANSYND* synthetic lubricant. Allison transmission low gear ratio = 4.70 and transmission high gear ratio = .67 over drive.

Yes No
Page # 1

Rear Carriers: 3 Year or 300,000 miles

Yes No
Page # 14
or
Attachment Warranty
Sheets

ASSEMBLY AND DELIVERY

The truck chassis will be purchased for use with a 16' dump body and optional body equipment that is to be bid separate and apart from the truck chassis. The dump body company will be responsible for assembly and installation of the dump body and related optional equipment, including the cost of the same. The selling truck chassis dealer will be responsible for delivery of the chassis to the dump Body Company for installation and for delivery of the complete dump truck unit to the county following installation and assembly of the dump body and related options onto the truck chassis. Freight to and from the Dump Body Company will be included in the truck bidder's proposal. Dump body installation and assembly costs will be included in the dump body bidder's proposal.

DOT INSPECTION AND SAFETY EQUIPMENT

Prior to delivery each unit shall be DOT inspected and include the appropriate documentation and decal. In addition each unit shall be equipped with the required fire extinguisher and reflective triangle kit.

(6)

(7)

ENGINE AND RELATED COMPONENTS

Shall be an in line 6 design 13 liter, overhead cam, turbo charged diesel engine capable of developing 455HP with a torque rating of 1760 FT#.

Yes No
Page # 1 Engine
Spec sheet

Engine shall have full wet replaceable cylinder liners, fuel injection system to be electronic common rail injection.

Yes No
Page # Engine Spec sheet

Air intake system shall have a single dry element with a restriction indicator.

Restriction Indication is now displayed in Driver info screen

Yes No
Page # 2

Turbo air shall flow through a chassis mounted charge air cooler, engine cooling system to have a minimum 1,000 square inches of frontal area, aluminum core radiator with silicone hoses throughout and coolant protection to -34 degrees F.

Yes No
Page # 2 Std Spec
Sheets

Fan drive to be electronically modulated multi-speed viscous type with a poly V Belt with automatic tension control.

Yes No
Page # 2 Std Spec
Sheets

Single vertical Exhaust, Cab Mounted for clear back of cab with bright finish heat shield and stack. *and SCR cover is also bright finish*

Yes No
Page # 2

DPF element/SCR catalyst combined in a single unit mounted on passenger side frame rail under passenger door.

Yes No
Page # 2

Factory installed integral Engine Brake.

Yes No
Page # 2

Engine electronics to have:

Full diagnostic capability

Yes No
Page # 9

Road Speed limiting and Cruise control feature

Yes No
Page # 12

Shutdown capabilities for critical engine functions

Yes No
Page # 10

STARTING AND ELECTRICAL SYSTEM

12-Volt system fuse/circuit breaker protected

Yes No
Page # _____

12V gear reduction starter, 12V 130 amp alternator (24si)

Yes No
Page # _____

(3) 12V maintenance free group 31 batteries with 650 cold cranking amps each, batteries to be mounted in a single steel box with polished aluminum cover.

Yes No
Page # 2

TRANSMISSION AND DRIVELINE

A manual ten (10) speed over drive design with a minimum first gear ratio of 17 to1

*This Review is for the Allison Equipped Truck
A manual transmission review is also included*

Yes No
Page # 1 of Trans
Spec Sheets

Transmission should have oil cooler with dash mounted temperature gauge, left and RH side PTO access gears with appropriate clearance

Yes No
Page # Trans Spec
Sheets

Allison Auto does not have Clutch

Eaton advantage easy pedal manually adjusting 15.5" two plate ceramic clutch 9 spring, 6 paddle design with AIR assist feature and remote lube fittings for clutch release bearing and both crosses mounted on LH side under cab or hood

See the manual trans. review for clutch equipped units

Yes No
Page # _____

Main drivelines Spicer 1810HD with coated splines/ inter axle 1810 with coated splines. With GH617 engines at higher H.P. drive lines are now required to be upgraded from 1810HD series to SPL 250HDXL Extended Lube Series in both the main & inner axle with Allison Automatic Transmission & manual 10 Speed

Exceeds
Yes No
Page # 3

CAB EXTERIOR

Cab to be Class 8 design welded Galvanized steel cab shell for construction and vocational applications.

See Dump Brochure under Benefits

Yes No
Page # Dump Brochure

Cab doors should also be of Galvanized steel and have high visibility windows with a Peep window in the passenger side. In additions both doors should have power window Controls and door locks.

Yes No
Page # 7 ? Std Spec Sheets

Cab mounting should be air suspended at rear on dual air bags mounted outside the frame rails.

Yes No
Page # Std Spec Sheets

Cab should feature:

Dual air horns in addition to the standard electric signal horn

Yes No
Page # 8

Chrome bullet style marker lights

Yes No
Page # 5

Bright finish heated West Coast mirrors with 8" convex mirrors mounted below the West Coast mirrors. Mirrors to be mounted on break away brackets to protect door skin.

Yes No
Page # 8

Stainless Steel Exterior sun visor

Yes No
Page # 8

Cab glass to be safety tinted

Yes No
Page # 7

Cab to have grab handles of both sides of cab

Yes No
Page # 8 *Std Spec Sheets*

Cab exterior and chassis to have all required DOT and ICC lighting (turn signal indicators, emergency flashers, rear stop, tail, turn and backup lighting.)
Standard Equipment

Yes No
Page # Std Spec Sheets

Hood is to be a full tilting fiberglass design with safety latch to include bright finished grill, bright finish air intakes, and bright finish full hood surround.

Yes No
Page # 8 *Std Spec Sheets*

Cab and hood paint color to be selected from manufacturer's standard non-metallic paint chart.

Yes No
Page # 13

CAB INTERIOR

Cab interior to include the following:

Storage tray on back wall of cab and in overhead console

Yes No
Page # 7

Cab interior is to be PREMIUM level fully groomed with headliner, back wall and windshield pillar post and door panels covered

Yes No
Page # 7

Cab should have interior sun visors on both sides of cab.

Yes No
Page # 7

Cab floor should be covered with black polyurethane mat.

Yes No
Page # 6

Dash features to include:

Brushed Nickel appearance

Yes No
Page # Exterior Brochure

Center mount console with cup holders

Yes No
Page # Std Spec Sheets

Full adjusting tilt and telescopic steering column

Yes No
Page # Std Spec Sheets

Full instrumentation with all standard gauges and a secondary gauge package with: (Engine Oil Temp, Trans Oil Temp, Exhaust Pyrometer, Boost Pressure)

Yes No
Page # 6

Cab seats should be:

PREMIUM High Back air ride design with arm rest

Yes No
Page # 7

Passenger seat to be fixed design with arm rest

Yes No
Page # 7

Both seats to have fabric covering with required lap and shoulder belts.

Yes No
Page # 7

Factory installed integral air conditioning with R134A refrigerant and rotary type air conditioner compressor.

Yes No
Page # 6

AM/FM/CD radio with clock, weather band and Blue Tooth capability, two- way radio power leads with mounting plate installed in overhead console with mirror mounted antenna LH side

Yes No
Page # 7

Two additional dash mounted power outlets to be furnished.

12V & USB

Yes No
Page # Std Spec Sheet

Windshield wipers to be two (2) speed electric with washer and intermittent feature.

Yes No
Page # 7

AIR BRAKES

Brake system to be full dual antilock air design with heated air dryer.

Anti Lock Std Equipm (Pg 2) Std Spec Sheets (Pg 5)

Yes No
Page # 5

Air compressor should have 18.7CFM capacity and increased air reservoir capacity for the local installation of a pusher style third axle.

Yes No
Page # 2 of 5

System to include an in cab control valve for rear service brakes.

Yes No
Page # 6

FRAME/BUMPER/FUEL TANKS

Steel 120,000 PSI steel frame rails 11.81" x 4.13" x 0.44" with a section modulus of 26.3 and a RBM per rail of 3,160,000.

Yes No
Page # 5 of Frame Spec Sheet

222"-226" wheelbase with a 135"-139" cab to axle and a 197"-201" load platform.

Yes No
Page # 5

Heavy-duty back to back channel cross members with huck bolt fasteners throughout.

Yes No
Page # 5

Front bumper Bright Finish steel swept back channel design with Bright Finish plate type radiator guard and right and left hand bumper recessed tow hooks.

Yes No
Page # 5

Fuel tank(s) to be aluminum with a minimum of 100-gallon capacity.

Yes No
Page # 5

FRONT AXLE

20,000 Reverse Elliot design steel I beam axle with 20,000# multi leaf suspension and shock absorbers

Yes No
Page # 3

20,000# integral power steering (Master/Slave assist design)

Yes No
Page # 3

Maximum of 34.5" spring centers

Yes No
Page # Front Axle Spec Sheet

SET FORWARD front axle position only. Model GR64(F)
F designates Axle Forward

Yes No
Page # Dump Brochure

Unitized sealed (maintenance free) front wheel hubs.

Yes No
Page # Front Axle Spec Sheet

Sealed tapered kingpins and bearings.

Yes No
Page # Front Axle Spec Sheet

Meritor "S" cam design 16.5" x 6" Q+ brakes with:
Outboard mounted drums and Dust Shields

Yes No
Page # 3

Automatic slack adjusters

Yes No
Page # 3

Front wheels to be Aluminum ten (10) hole bud style, hub piloted 22.5" x 12.25".

Yes No
Page # 9