

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 Road/ 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: 205-841-4450
205-337-7724 Cell 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, 2020 to Dec. 31, 2020. 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: \$ 127,312.00

Equipment Model #: 2021 Mack GR64F (Granite Axle Forward)

Description: Heavy Duty Dump Chassis

Signature of company representative submitting bid: 

Title: Sales Manager

OPTION COST SHEET FOR HEAVY DUTY DUMP TRUCK CHASSIS OPTION 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.

\$ 8848.⁰⁰

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 #: 2021 Mack GR64F (Granite Axle Forward)

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 *Page 10 and Warranty Certificate*

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.

Page 11 and Warranty Certificate

Transmission: 3 Year or 300,000 miles *Page 11 and Warranty Certificate*

Rear Carriers: 3 Year or 300,000 miles *Page 11 and Warranty Certificate*

Yes ☒ No ☐

Page # 10,11

or

Attachment Warranty
Certificates

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 Page 11

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.
(page 6) (page 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 # 2 and 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 Indicator Displayed in Co-Pilot Screen

Yes ☒ No ☐

Page # 3 and Co pilot
Brochure

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.
(page 3) (page 3) Base Vehicle Spec

Yes ☒ No ☐

Page # 3 and Base Vehicle
Spec Sheet

Fan drive to be electronically modulated multi-speed viscous type with a poly V Belt with automatic tension control. (Auto Tension in Base Vehicle Spec Sheet)

Yes ☒ No ☐

Page # 3 and Base Vehicle
Spec Sheet

Single vertical Exhaust, Cab Mounted for clear back of cab with bright finish heat shield and stack.

Yes ☒ No ☐

Page # 3

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

Yes ☒ No ☐

Page # 3 and Clear Tech
Brochure

Factory installed integral Engine Brake.

Yes ☒ No ☐
Page # 3

Engine electronics to have:

Full diagnostic capability

Yes ☒ No ☐
Page # 8 and Engine Spec Sheet

Road Speed limiting and Cruise control feature

Factory Limits default to 65 can be adjusted to customer preferences

Yes ☒ No ☐
Page # 9 and Engine Spec Sheet

Shutdown capabilities for critical engine functions

Yes ☒ No ☐
Page # 8

STARTING AND ELECTRICAL SYSTEM

12-Volt system fuse/circuit breaker protected

Yes ☒ No ☐
Page # Base Vehicle Sheet

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

Yes ☒ No ☐
Page # 3

(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 # 3

TRANSMISSION AND DRIVELINE

A manual ten (10) speed over drive design with a minimum first gear ratio of 17 to 1

See Addendum for Allison Option Specs

Yes ☒ No ☐
Page # 2 and Transmission Spec Sheet

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

(page 6)

Yes ☒ No ☐
Page # 4, 6 and Transmission Spec Sheet

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

Yes ☒ No ☐
Page # 3 and Transmission Spec Sheet

Main drivelines Spicer 1810HD with coated splines/ inter axle 1810 with coated splines.

Necessary to go with the heavier Spicer SPL350XL Main and Spicer SPL250HDXL Interaxle exceeds

Yes ☒ No ☐
Page # 3

CAB EXTERIOR

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

Yes ☒ No ☐

Page # Base Vehicle Sheet

(Base Vehicle Sheet)
Cab doors should also be of Galvanized steel and have high visibility windows with a

(pg 7) Peep window in the passenger side. In additions both doors should have power window Controls and door locks. (Base Vehicle Sheet)

Yes ☒ No ☐

Page # 7 and Base Vehicle Sheet

Cab shall have a one (1) piece windshield for improved visibility.

Yes ☒ No ☐

Page # 7

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

Yes ☒ No ☐

Page # 7 and Base Vehicle Sheet

Cab should feature:

Dual air horns in addition to the standard electric signal horn

Yes ☒ No ☐

Page # 7

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 # 7

Stainless Steel Exterior sun visor

Yes ☒ No ☐

Page # 7

Cab glass to be safety tinted

Yes ☒ No ☐

Page # 7

Cab to have grab handles of both sides of cab

Yes ☒ No ☐

Page # 7

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 Require Equipment

Yes ☒ No ☐

Page # 6,7, Base Vehicle Sheet

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 # 7

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

Yes ☒ No ☐

Page # 10

CAB INTERIOR

Cab interior to include the following:

Storage tray on back wall of cab and in overhead console

Yes ☒ No ☐

Page # 6 and Base
Vehicle Sheet

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, See interior
brochure

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

Yes ☒ No ☐

Page # Base Vehicle Sheet

Cab floor should be covered with black polyurethane mat.

Yes ☒ No ☐

Page # 6

Dash features to include:

Brushed Nickel appearance

Yes ☒ No ☐

Page # See interior brochure

Center mount console with cup holders

Yes ☒ No ☐

Page # Interior Brochure

Full adjusting tilt and telescopic steering column

Yes ☒ No ☐

Page # Base vehicle sheet

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 and Base Vehicle
Sheet

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 x No
Page # 6

Two additional dash mounted power outlets to be furnished.

Yes x No
Page # Base Vehicle Sheet

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

Yes x No
Page # 7

AIR BRAKES

Brake system to be full dual antilock air design with 6S/6M ABS sensors sensing Both rear axles with heated air dryer.

Yes x 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 x No
Page # 3,5

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

Yes x 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 x No
Page # 5 and frame spec sheet

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

Yes x No
Page # 5

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

Yes x 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 x No
Page # 5

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

Yes x No
Page # 5

FRONT AXLE

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

Yes x No

Page # 4 and Front Axle
Spec Sheet

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

Yes x No

Page # 4

Maximum of 34.5" spring centers

Yes x No

Page # Front Axle
Spec Sheet

SET FORWARD front axle position only. Model GR64FR
"F" Designates Front Axle Forward Position

Yes x No

Page # Base Vehicle
Spec Sheet

Unitized sealed (maintenance free) front wheel hubs.

Yes x No

Page # Front Axle
Spec Sheet

Sealed tapered kingpins and bearings.

Yes x No

Page # Front Axle Spec Sheet

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

Yes x No

Page # 4

Automatic slack adjusters

Yes x No

Page # 4

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

Yes x No

Page # 8

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

Yes x No

Page # 8

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 x No

Page # 4 and Rear Axle
and Rear Axle Carrier
Spec Sheet

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

Yes x No
Page # 4

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

Yes x No
Page # 4

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

Yes x No
Page # 4

Automatic slack adjusters

Yes x No
Page # 4

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

Yes x No
Page # 4

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

Yes x No
Page # 8

Rear tires to be 14 ply traction radials **Bridgestone M/99**, Goodyear Armor Pro MSD, or Michelin XDS2.

Yes x No
Page # 8

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 x No
Page # Allison Addendum