

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

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: \$ 122,255.00

Equipment Model #: 2020 Mack GR64F

Description: Heavy Duty Dump

Signature of company representative submitting bid: 

Title: Sales Manager

OPTION COST SHEET FOR HEAVY DUTY DUMP TRUCK CHASSIS OPTION D

Option

Allison 4500-RDS-6 six speed Automatic
Transmission

Option Price

\$ 4891.⁰⁰

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

Equipment Model #: 2020 Mack GR64F

Description: Heavy Duty Dump

Signature of company representative submitting bid: _____

B. Am

Title: _____

Sales Manager

BID SPECIFICATIONS FOR HEAVY DUTY DUMP TRUCK CHASSIS - OPTION D

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 US17 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

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.

P96

P97

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 1740 FT#.

1760#

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 now displayed on dash in Driver Display

Yes ☒ No ☐
Page # 2

Turbo air shall flow through a chassis mounted charge air cooler, engine cooling system to have a minimum 930 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
Sheet

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

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 # Std Spec Sheet

12V gear reduction starter, 12V 135-amp alternator (24si)

Yes ☒ No ☐
Page # 2

(3) 12V 1600 CCA exceeds
(2) 12V maintenance free batteries with 1000 cold cranking amps each,
batteries to be mounted in a single steel box with polished aluminum cover.

Yes ☒ No ☐
Page # 2

This Review is for the Allison Equipped Unit

TRANSMISSION AND DRIVELINE

Automated manual twelve (12) speed overdrive design, with a minimum first gear reduction of 17 to 1.

A separate review sheet is included for the Automated manual

Yes ☒ No ☐
Page # 1 Trans Spec Sheet

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

Yes ☒ No ☐
Page # Trans Spec Sheet

Volvo Sachs 17-inch Single plate dampened organic or Equivalent.

Allison Automatic units will not have clutches

Yes ☒ No ☐
Page # _____

Main drivelines Spicer with greaseable XL U-Joints

Yes ☒ No ☐
Page # 3

CAB EXTERIOR

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

All Mack Cabs Are All Steel Galvanized

Yes ☒ No ☐
Page # Dump Brochure
under benefits

Cab doors should also be of Galvanized steel and have high visibility windows. In addition, both doors shall 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

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 mid-grade 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:

Wood grain appearance

Gun Metal Dash

Yes ☐ No ☒
Page # Interior 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

Transmission oil temperature gauge

Yes ☒ No ☐
Page # 6

Cab seats should be:

Exceeds

Driver national seat high back

Mack "Seas" Premium with 4 Chamber Air Lumbar & Bolster Extension

Yes ☒ No ☐
Page # 7

Passenger seat to be fixed design

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 the dash with dual mirror mounted antennas.

Yes ☒ No ☐
Page # 7

Two additional dash mounted power outlets to be furnished.

12V & USB

Yes ☒ No ☐
Page # Std Spec Sheets

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.

Yes ☒ No ☐
Page # _____

Air compressor should have ^{pg 2} (18.7CFM capacity) and ^{pg 5} (increased air reservoir capacity) for the local installation of a pusher style third axle.

Yes ☒ No ☐
Page # 2 & 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 & Std 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 75-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 #

20,000# integral power steering

Yes ☒ No ☐
Page # 3

Maximum of 34.5" spring centers

Yes ☒ No ☐
Page # Front Axle Spec Sheets

SET FORWARD front axle position only.

our model designation GR64F The F stands for axle forward

Yes ☒ No ☐
Page # Dump Brochure under benefits

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

Front tires to be 18 ply 425/65R22.5 radials Bridgestone M854, 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

Driver controlled inter wheel differential locks for both rear axles with manual valve and warning light.

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 M770, Goodyear G622RSD, 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:

Furnish, as an alternate transmission to the Automated Manual 12 speed in 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.

Yes ☒ No ☐
Page # 1

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