

**BRYAN COUNTY
REQUEST FOR PROPOSAL
66,000 LB. GVWR 16-18 CY DUMP TRUCK**

Bryan County will be accepting sealed proposals for the purchase of one 66,000 lb. GVWR 16-18 CY Dump Truck for on-off use by the Bryan County Public Works Department. All equipment furnished must be new and unused.

Proposals are to be returned, sealed and marked "RFP Public Works", by 2:00 p.m. on Tuesday May 2, 2017 .

Courier: Bryan County Public Works	Mail: Bryan County Public Works
500 Ledford St.	P. O. Box 186
Pembroke, Ga. 31321	Pembroke, Ga. 31321

A copy of the bid specifications is posted on the Bryan County Web Site, www.bryan-countyga.org or call Bryan County Public Works 912-653-4511.

Proposals received after the specified date and time will not be considered. All proposals submitted must be FOB Bryan County Public Works.

The County reserves the right to accept or reject any or all proposals, to waive formalities and technicalities, and to make an award in the best interest of the County.

Factors to be considered in making this award, if awarded, will be equipment, price, service locations, warranty and references. The County will be the sole judge of the weights given these factors.

Proposals will be opened in the conference room in the Commissioners meeting room in Pembroke, Georgia, on the hour and date specified above, local time prevailing. No faxed or emailed proposal will be accepted.

Prices quoted shall be firm prices and remain firm until delivery is made. If awarded, the County will place an order with the successful bidder within forty-five (45) days after opening.

Please call Walter Shuman, Director of Public Works 912-653-4511, should you have any questions.

BRYAN COUNTY
HEAVY DUTY DUMP TRUCK SPECIFICATIONS

This bid solicitation is for a 66,000 lb. GVWR 16-18 yard Dump Truck for on-off road use by Bryan County. The truck offered by the bidder shall meet the minimum specifications listed below. All Equipment finished shall be new, unused, and the same as the manufacturer's current production model. Accessories not mentioned herein but necessary to furnish a complete unit ready for use shall also be included.

Model Profile
2018 HX620 6X4 (HX62F)

APPLICATION: Construction Dump
MISSION: Requested GVWR: 66000. Cal. GVWR: 66000
Calc. Start / Grade Ability: 23.77% / 2.68% @ 55 MP
DIMENSION: Wheelbase: 207.00, CA: 138.00, Axle to Frame: 59.00
ENGINE, DIESEL: (Cummins ISX 15 455V) EPA 2010 455 HP @ 1800 RPM, 1650 lb-ft torque @ 1200 RPM, 2000 RPM Governed Speed, 455 Peak HP (Max)
TRANSMISSION, AUTOMATIC: (Allison 4500_RDS_P) 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder
CLUTCH: Omit Item (Clutch & Control)
AXEL, FRONT NON-DRIVING: (Meritor MFS-20-133A) Wide Track, I-Beam Type, 20000-LB Capacity
AXEL, REAR, TANDEM: (Meritor RT-46-160) Single Reduction, 46000-lb Capacity, With Driver Controlled Main Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 4.30
CAB: Conventional
TIRE, FRONT: (2) 425/65R22.5 Load Range L HTC1 (Continental), 465 rev/mile, 68 MPH, All-Position
TIRE, REAR: (8) 11R24.5 load range H HDR2 (Continental), 468 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, TANDEM: (Hendrickson HMX-460-54) Walking Beam Type 54" Axle Spacing ; 46000 lb Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers
FRAME REINFORCEMENT: Outer "C" Channel, heat treated Alloy Steel (120,000 PSI Yield); 10.813" X 3.892" (274.6mm X 98.9 mm X 8.0 mm); 480.0" (12192mm) Maximum OAL
PAINT: Cab schematic 100 LX
Location 1:9219, Winter White (Std)
Chassis schematic: N/A

Vehicle Specifications

Description

Base Chassis, Model HX620 6x4 with 207.00 Wheelbase, 138.00 CA, and 59.00 Axle to Frame.

CROSSMEMBER, FRAME TIE for Heavy Duty

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL

FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL

LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper

BUMPER, FRONT Full Width, Formed Stainless Clad Aluminum, Bright Finish

TOW PIN, FRONT Heavy Duty; 150,000-lb. Total Capacity

WHEELBASE RANGE 191" (485cm) Through and Including 236" (600cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 20,000-lb Capacity; with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

: BRAKE LINES Color and Size Coded Nylon

: DRAIN VALVE Twist-Type

: DUST SHIELDS, FRONT BRAKE

: DUST SHIELDS, REAR BRAKE

: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster

: INVERSION VALVE Bendix SR-1 and Double Check Valve

: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel

: PARKING BRAKE VALVE For Truck

: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4

: SLACK ADJUSTERS, FRONT Automatic

: SLACK ADJUSTERS, REAR Automatic

: SWITCH, AUXILIARY Interrupter for Cab Clearance/Marker Lights (Blinks Lights with Headlight Switch in "ON" Position); Instrument Panel Mounted

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

AIR DRYER {Bendix AD-9} with Heater

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

SLACK ADJUSTERS, FRONT {Haldex} Automatic

SLACK ADJUSTERS, REAR {Haldex} Automatic

Vehicle Specifications

Description

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

AIR COMPRESSOR {Cummins} 18.7 CFM Capacity

BRAKE CHAMBERS, SPRING on Rear/Rear Axle Located Inside Rear Tire Envelope (Meets Asphalt Spreader/Paver Clearance Requirements)

AIR COMPRESSOR DISCHARGE LINE 1/2" ID to 5/8" ID Teflon Hose, with Stainless Steel Braid; to Air Dryer

DRAIN VALVE (3) with Pull Chains for Air Tanks

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR (2) {Sheppard M100/M80} Dual Power

AFTERTREATMENT COVER Polished Aluminum

EXHAUST SYSTEM Single Vertical Aftertreatment Device, Frame Mounted Right Side Back of Day Cab, for Single Vertical Tail Pipe

ENGINE COMPRESSION BRAKE {Cummins} Interbrake For Cummins Signature/ ISX/X15 Engines; Furnished with Engine

TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust

MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

EXHAUST HEIGHT 11' 6"

SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, On/Off Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in On Position

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

: FUSES, ELECTRICAL SAE Blade-Type

: HAZARD SWITCH Integral with Turn Signal Switch

: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever

: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light

: STARTER SWITCH Electric, Key Operated

: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector

: TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature

: TURN SIGNALS, FRONT Includes Integral Reflectors and Side Marker Lights; Fender Mounted

: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Steering Column Mounted

: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted

: WIRING, CHASSIS Color Coded and Continuously Numbered

HORN, ELECTRIC (2) Disc Style

TRAILER CONNECTION SOCKET 7-Way; Mounted at Rear of Frame

SNOW SHIELD (2) Chrome; for Dual Air Horns

POWER SOURCE Cigar Type Receptacle without Plug and Cord

HORN, AIR (2) Single Bell, Extra Long, Organ Tone; Chrome

ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mount

Vehicle Specifications
2018 HX620 6x4 (HX62F)

Description

BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/ Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control; Bluetooth for Phone & Music, with Multiple Speakers

ANTENNA BASE (2) Single Function, (1) for CB and (1) for Entertainment Radio, without Splitter, Separate Lead-Ins, with CB Antenna Mounted on Left Mirror and AM/FM Antenna Mounted on Right Mirror

STOP, TURN, TAIL & B/U LIGHTS {Truck Lite} Super 44, With LED Bulbs for Stop, Turn & Tail Lights and Truck Lite Super 40 for Backup lights, With Power Module, "International" Termination and Less Junction Box

BATTERY BOX Aluminum with Plastic Cover, 30" Wide, 2, 3 or 4 Battery Capacity, Mounted Right Side Under Cab

BATTERY BOX COVER Polished Aluminum

JUMP START STUD Remote Mounted

POWER SOURCE, TERMINAL TYPE 2-Post

BACK-UP ALARM {Preco 1059} Electronic; Solid State, Dual Function, 112 dBA

TURN SIGNAL SWITCH Self-Canceling

FOG LIGHTS (2) {Peterson} Clear, Halogen, Rectangular

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

TOGGLE SWITCH, AUXILIARY (2) with Two 20-Amp Fuses/Circuit Breakers

HEADLIGHTS Halogen, Composite Combination

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Badges

FRONT END Tilting Composite

GRILLE , Chrome Vertical Accent Bars with Black Mesh

BUG SCREEN Mounted Behind Grille

BUG DEFLECTOR Stainless Steel, Mounted on Hood

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

KEYS - ALL ALIKE Fleet - Includes Ignition and Cab Door Keys

SPECIAL DELIVERY REQUESTED Do not Use for Lead Truck, Must be Towed or Hauled

Vehicle Specifications
2018 HX620 6x4 (HX62F)

Description

KEYS - ALL ALIKE, ID Z-250

SAFETY TRIANGLES

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

ENGINE, DIESEL {Cummins ISX 15 455 V} EPA 2010 455 HP @ 1800 RPM, 1650 lb-ft Torque @ 1200 RPM, 2000 RPM Governed Speed, 455 Peak HP (Max)

FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed

RADIATOR Aluminum; Front to Back, Down Flow System, 1564.8 SqIn, 556.8 SqIn CAC

FEDERAL EMISSIONS {Cummins X15} EPA, OBD and GHG Certified for Calendar Year 2017

AIR CLEANER Dual Element

FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)

HOSE CLAMPS, RADIATOR HOSES , Mechanical Type; With Constant-Tension Functionality

FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted

EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door

TRANSMISSION, AUTOMATIC {Allison 4500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder

TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission

OIL COOLER, AUTO TRANSMISSION {Modine} Remote Mounted; Not for use With Retarder

TRANSMISSION OIL Synthetic; 63 thru 76 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming

PDL WARNING BUZZER Power Divider Lock

AXLE, REAR, TANDEM {Meritor RT-46-160} Single Reduction, 46,000-lb Capacity, With Driver Controlled Main Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 4.30

SUSPENSION, REAR, TANDEM {Hendrickson HMX-460-54} Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers

SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions

Vehicle Specifications
2018 HX620 6x4 (HX62F)

Description

DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash

SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam

AXLE, PUSHER, LIFT TYPE, ID Customer Installed Pusher Type Axle; Nothing Installed at Manufacturing Plant

AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 65 thru 89.99 Pints

FUEL TANK STRAPS Bright Finish Stainless Steel

DEF TANK COVER Stainless Steel

DEF TANK 9.5 U.S. Gal. 35.9L Capacity, Frame Mounted Outside Left Rail, Under Cab

FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor

FUEL TANK Non-Polished Aluminum, 24" Diam., 120 U.S. Gal., 454 L Capacity Left Side, Under Cab.

CAB Conventional

Includes

: CLEARANCE/MARKER LIGHTS (6) LED Roof Mounted

: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window

: CONSOLE, CENTER Plastic, Driver Convenience with a Cup and Change Holder, Ash Tray and Lower Storage Area. NOTE: Ash Tray not included with automatic transmission

: GLASS, ALL WINDOWS Tinted

: GRAB HANDLE, CAB INTERIOR (2) One Each Side

: GRAB HANDLE, EXTERIOR (2) Mounted Behind Driver and Passenger Doors

: SPEAKERS IN CAB (4) Two Located in B-Pillar, Two Located Overhead on Driver and Passenger Sides

: STEP (4) Two Steps Per Door

HEATER SHUT-OFF VALVES (1) Ball Valve Type, Supply Line

GAUGE CLUSTER English With English Electronic Speedometer

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} Mounted in Instrument Panel

SEAT, DRIVER {National 2000 Model 295} Air Suspension, Intermediate Back, All Vinyl, 2 Arm Rests, Isolator, 7" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 3 Position Rear Cushion, 2-15 Degree Back Angle Adjust, Vinyl Suspension Cover

SEAT, PASSENGER {National 2000 Model 292} Non Suspension, Intermediate Back, All Vinyl, 11 Degree Back Angle Adjustment

MIRRORS (2) Power Adjust, Thermostatically Controlled Heated Heads, LED Clearance Lights, Bright Finish Heads and Arms, Black Brackets, 7.55" x 14.1" Flat Glass, 7.48" x 6.77" Convex Glass Both Sides

MIRROR, CONVEX, LOOK DOWN Right Side, Bright, 6" x 10 1/4"

MIRROR, CONVEX, HOOD MOUNTED Right and Left Sides; 7.48" x 6.77" Convex Glass, Bright

Vehicle Specifications
2018 HX620 6x4 (HX62F)

Description

STORAGE, REAR WALL Storage Pocket, Located on Back Wall Between Driver and Passenger Seats

STORAGE, CAB INTERIOR Molded Holder for Thermos, Maps, and CD's; Located at Base of Passenger Seat

CAB INTERIOR TRIM Diamond, for HX Day Cab

Includes

: CONSOLE, OVERHEAD Molded Plastic with Three Storage Pockets; One with Velcro Strap for CB Radio Mounting; Two with Netting; Light Switches for Dome and Courtesy Lights

: FLOOR COVERING Rubber, Black

: SUN VISOR (2) Vinyl with Toll Ticket Strap

HEATER, ENHANCED CIRCULATION {Bergstrom} Control, for Extreme Cold Weather Climates

WINDOW, REAR 52.25" Wide

WINDOW, POWER (2) in Left and Right Doors

HOSE CLAMPS, HEATER HOSE (Breeze) Belleville Washer Type

CAB DOOR LOCKS Power

AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster

WINDSHIELD Two Piece

CAB REAR SUSPENSION Dual Frame Mounted Cab Rear Air Suspension; Includes Special Crossmember Assembly

CAB SKIRTS Polished Stainless Steel; Includes LED Running Lights

SUNSHADE, EXTERIOR Bright Finish; Includes Integral Clearance/Marker Lights

ACCESS, CAB {Bustin} Driver & Passenger Sides, Two Aluminum, Self-Cleaning Steps (Bustin) Per Door, For Use with Regular & Extended Cabs

GRAB HANDLE Exterior; Towel Bar Type In Lieu Of Non-Bright Grab Handles; for use with Cab or Cab/Sleeper Non-Bright Access, without Frame Access or Chassis Skirts

WHEELS, FRONT {Alcoa 82462} DISC; 22.5x12.25 Rims, Polished Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR DUAL DISC; 24.5x8.25 Rims, Polished Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil

(8) TIRE, REAR 11R24.5 Load Range H HDR2 (CONTINENTAL), 468 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 425/65R22.5 Load Range L HTC1 (CONTINENTAL), 465 rev/mile, 68 MPH, All-Position

Cab schematic 100LX

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

Services Section:

Vehicle Specifications
2018 HX620 6x4 (HX62F)

Description

WARRANTY Standard for HX Series, Effective with Vehicles Built December 7,
2015 or Later, CTS-2015A

Total Component Weight:

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.