

NOTICE

The City of Mercedes is accepting bids for New/Used Equipment for the Public Works Department until 3:00 PM, Wednesday, January 12, 2022. It is further stated that no questions or inquiries shall be considered after January 7, 2022 at 5 p.m. Bids packages must state “Bid# 2021-12-21 Equipment” and can be delivered to the following:

Joselynn Castillo, City Secretary
400 S. Ohio Ave,
Mercedes, TX 78570

Proposal criteria is available and can be obtained on the City's website at www.cityofmercedes.com or at the Office of the City Secretary and or City Manager, 400 South Ohio, Mercedes, Texas, 78570, (956) 565-3114.

POSTED THIS THE 21ST DAY OF DECEMBER, 2021.

Joselynn Castillo
City Secretary

Minimum Specifications for New/Used Construction Street Sweeper

- Main Frame – all Welded 6 Channel
- Heavy Structural Steel Gussetts at Stress Points
- 6 Channel – Front and Rear Bumpers
- Rear Fenders
- Cushioned Seat with Armrest and Seat Belt
- 160 Gallon Water Sprinkling System w /Poly Tank
- LED Light Group – Turning Signals, Warning Lights and Taillights
- Turbo II Precleaner
- Hanging Rock Guard
- Brakes – Hydraulic Self adjusting rear drum brakes and Mechanical Parking Brake
- Brush Core – 8” all Steel Welded Construction – 10 x 32 Wafers – 1/2 poly 1/2 wire
- Sweeping Width – 8”
- Brush Drive – Direct Drive Motor enclosed in core, 210 RPM under load
- Core Cover – 140 degrees 14 Gauge Steel with rock Deflector
- Swing Frame – Pivot Pin
- Sweeping angle – 45 degrees left or right
- Broom Controls – Electric on dash (up/down, left/right, on/off, float)
- Hydraulic Tank Capacity – 22 US Gallons w/100 Mesh Suction Strainer
- Operating Pressure – 2,500 PSI
- Filter – Two 10 Micron replaceable Element (suction and return)
- Fuel Capacity – 30 US Gallons
- Front axle – Heavy Duty Oscillating
- Rear axle – Dana Heavy Duty Truck Type w/Drum Brakes
- Tires – 225/75/15
- Steering – Orbital Type Power Steering
- Instruments and Controls – Water Temperature, Oil Pressure, Ammeter
- Electric Hour Meter, Fuel Gauge, Reverse Alarm, Rear View Mirror, Controls for Broom Drive, Core angling, Core Height, High Speed Broom Lock, Engine Throttle, Directional Control, Parking Brake with Engaging light, Traffic Horn
- Air Cleaner – Dual Element Type with Pre-cleaner

Warranty:

- 6 months warranty minimum and/or service warranty

*****Equipment similar can be proposed, please submit similar specs.*****

Minimum Specifications for New/Used Articulating Boom Lift

Power Source:

- Auxiliary Power: 12 Volts DC
- Capacity – Fuel Tank: 83.28 L / 22 gal
- Engine Type – Diesel (HRC): Deutz D2.9 L4 Tier 4 Final 49 hp 36.4 kW
- Engine Type – Dual Fuel: GM Vortec 3000 MPFI 82 hp 61 kW

Performance Data:

- Drive Speed – 4WD: 7.24 km/h / 4.5 mph
- Gradeability – 4WD: 45%
- Platform Capacity: 600lb / 272.16kg
- Swing: 360 degrees
- Swing Type: Continuous
- Turning Radius – Outside: 4.84m / 15ft 11in
- Jib- Range of Articulation: 130 Degrees

Reach Specifications:

- Horizontal Jib Rotation: 0 Degrees
- Horizontal Outreach: 39ft
- Platform Height 46ft / 14.02m

Warranty:

- 6 months warranty minimum and/or service warranty

*****Equipment similar can be proposed, please submit similar specs.*****

**Minimum Specifications for
New/Used 3 Ton Twin Drum Roller**

Engine:

- Displacement: 1.5ltr
- Emission Rating: Interim Tier 4
- Engine Output: 24.4 kw
- Transmission: Hydrostatic

Width:

- Wheelbase: 1800mm
- Ground Clearance: 28mm
- Linear Drum Load -Front: 11.3 kg/cm
- Linear Drum Load -Rear: 11.3 kg/cm
- Travel Speed: 12kph
- Drum Vibration: Both
- Operating Weight 2723 kg

Warranty:

- 6 months warranty minimum and/or service warranty

*****Equipment similar can be proposed, please submit similar specs.*****

Minimum Specifications for New/Used Asphalt Paver

Engine:

- 49hp (37kw) @ 2,600 rpm or similar

Capacities:

- Fuel: 13.5 gallons or similar
- Hydraulic: 45 gallons or similar

Hopper:

- Gravity fed, hydraulically raised hopper
- Side wings fold in or out
- Hopper Size: 5.5 ton or similar
- Hopper Height: 22" or similar

Paving Widths:

- Variable up to 13' or similar

Paving Depths:

- Depth: 0" to 6"

Steering:

- Hydrostatic steering either left or right side of machine

Track Drive System:

- Paving Speed: 2.5 mph or similar
- Travel Speed: 2.5 mph or similar

Warranty:

- 6 months warranty minimum and/or service warranty

*****Equipment similar can be proposed, please submit similar specs.*****

City of Mercedes
Bid Proposal Sheet
New/Used Construction Street Sweeper

Condition: _____

Serial Number: _____

Make: _____

Model: _____

Hours on Equipment: _____

Issues/Varying Specs: _____

Warranty/Service Warranty:

Name of Bidder: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Contact Name: _____

City of Mercedes
Bid Proposal Sheet
New/Used Articulating Boom Lift

Condition: _____

Serial Number: _____

Make: _____

Model: _____

Hours on Equipment: _____

Issues/Varying Specs: _____

Warranty/Service Warranty:

Name of Bidder: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Contact Name: _____

City of Mercedes
Bid Proposal Sheet
New/Used 3 Ton Twin Drum Roller

Condition: _____

Serial Number: _____

Make: _____

Model: _____

Hours on Equipment: _____

Issues/Varying Specs: _____

Warranty/Service Warranty:

Name of Bidder: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Contact Name: _____

City of Mercedes
Bid Proposal Sheet
New/Used Asphalt Paver

Condition: _____

Serial Number: _____

Make: _____

Model: _____

Hours on Equipment: _____

Issues/Varying Specs: _____

Warranty/Service Warranty:

Name of Bidder: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Contact Name: _____