

General Bid Specifications
City of Minot, ND 58701

Every bid must be accompanied by a bidder's bond, a certified check, or a cashier's check, made payable to the City of Minot, in the amount of 5% of the total bid. Checks of the unsuccessful bidders will be returned and the check or bond of the successful bidder will be held as a guaranty that the terms of the bid will be complied with.

The City of Minot is exempt from state and federal excise and sales taxes and no amount for such taxes are to be included in the bid price.

The City Council reserves, to itself, the right to reject any or all bids and to award the contract as it deems necessary and for the best interest of the City of Minot.

Delivery of materials, supplies, or services contained in the bid shall be made to the Minot Public Works Building (1025 31st St. SE), and the price shall be FOB, Minot, North Dakota.

All envelopes must be sealed and marked plainly:

“Bid for One (1) Asphalt Recycler”
“Project #4587”

Bids will be opened in the office of the City Clerk at City Hall (515 2nd Avenue SW - second floor), Minot, North Dakota at 11:00 a.m. on Tuesday, January 26, 2021. Bids received after this time will be returned, unopened, to the bidder. Bidders are invited to be present at the opening of the bid.

**CITY OF MINOT
ONE (1) ASPHALT RECYCLER
STORM SEWER DEPARTMENT
JANUARY 2021**

Detailed Specifications:

The City of Minot is accepting bids for (1) Asphalt Recycler for the Street Department. The unit specified shall be a **2021 KM T-2 portable asphalt recycler** or preapproved equal. Any bidders wanting to submit alternate units shall submit detailed specifications for preapproval prior to January 15, 2021. The unit to be furnished under these specifications shall be the manufacturer's newest and latest model. The successful bidder shall submit an itemized order sheet to the Public Works Director, for written approval, prior to ordering the unit. The order sheet shall list all specifications of the equipment. Any deviations from the specifications shall be clearly explained and attached to the bid proposal. Specification deviations will be considered in relation to the effectiveness and cost of the machine.

Detailed Specifications

2021 KM T-2 portable asphalt recycling machine as follows:

- Machine is designed to recycle asphalt millings, chunks, or pulverized material at a rate of up to 4 tons an hour

Top opening drum loading hopper:

- 26" D x 94" W constructed of 3/16" hardened steel
- (2) 2" x 16" hydraulic cylinders to raise and lower hopper

Asphalt heating drum:

- Constructed of 3/16" hardened steel
- 3/16" hardened steel serrated agitators
- Hydraulic rotation, reversible, approximately 10 RPM
- Drum is supported by 3"x 8" steel forged casters rated at 14,000 lbs. each and equipped with 1 1/4" precision tapered roller bearings
- 2,600 lb. drum material capacity

Heating System:

- 700,000 BTU Beckett Model SDC diesel fired burner
- Burner on/off control switch, 12 Voltmeter, and hour meter mounted on swing out arm
- No. 1, No. 2 diesel, or B-5 bio-diesel compatible
- 80-gallon fuel tank capacity with filter and manual shut-off valve

Engine and hydraulic system

- Kubota 3-cylinder liquid cooled diesel; Tier 4 Final
- 21.6 BHP @ 3,200 RPM

- Engine control panel with key switch, hour meter, speed selector switch (idle/run)
- Hydraulic controls for drum rotation, loading hopper, dump functions
- 22-gallon hydraulic oil reservoir with thermostatically controlled hydraulic oil cooler and 12-volt fan
- Direct mount 9.5 GPM hydraulic oil pump

Trailer frame and dimensions:

- 23'10" x 8' x 9' overall dimensions
- 9,460 lbs. net weight
- 8" channel steel trailer frame construction
- Hydraulically operated scissor hoist to dump and lower asphalt heating drum
- (2) 7,000 lb. axles with electric brakes on each
- Four (4) ST 235/80R16 trailer service tires mounted on steel wheels
- 3" ID pintle hitch, height adjustable from 18" to 30"
- 3/8" zinc coated grade 70 forced slip hooks safety chains
- 7,000 lb. square tube, swivel mount, top wind jack
- 3/16" diamond plate steel fenders welded to trailer frame
- 2-year parts and workmanship warranty
- 5-year trailer frame structure warranty

Misc. Accessories:

Whelen TAC8 Super-LED Traffic Advisor Directional Bar installed to rear of machine and wired to control panel

- Built-in left arrow, right arrow, split arrow, and warning functions
- (8) Super-LED modules
- 47 3/4" L x 2" H x 2 5/8" D

Whelen R1LPPA LED light bar installed and wired to switch

LED rear mounted work lights installed and wired to switch

4 Position Tool Rack mounted to trailer

Cone holder with (4) 18" reflective cones mounted on tongue of trailer

