



HIGHWAY DEPARTMENT

Patrick Gavinski, PE – Highway Commissioner

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The Sauk County Highway Committee will accept sealed bids until 10:00 a.m. at the Highway Office on Wednesday, February 2, 2022 for three (3) Patrol Trucks of not less than 41,000 G.V.W.R. State Highway Commission rated.

Certifications must accompany all quotations that truck being bid will meet State Highway Commission classifications covering truck from GVW shown on bidding sheet. Any equipment needed to meet this requirement not called for in specifications will be furnished, included in bid price, and so noted.

All bids received must be marked "Sealed Bid for Patrol Trucks". Bid forms and specifications are available at the Sauk County Highway Dept. Office, 620 Linn, P.O. Box 26, Baraboo, WI 53913.

Bids shall be good for 45 days and approved at February 9, 2022 Highway Committee Meeting.

Note: Bidder shall obtain a statement from the factory stating the time required to make delivery following an award, if any. Said statement from the factory shall be attached to this proposal by the bidder and be made a part thereof.

The Sauk County Highway Committee reserves the right to reject any or all bids or to accept the bid quotation they deem most advantageous to Sauk County.

By Order of the Highway Committee

Patrick J Gavinski
Sauk Co. Highway Commissioner

BID PROPOSAL FORM

SINGLE AXLE PATROL TRUCK

| ITEM | TRUCK SPECIFICATIONS | YES | NO |
|------|--|-----|----|
| 1 | <u>HEAVY DUTY TRUCK ENTER MAKE AND MODEL</u> | | |
| | > | | |
| 2 | <u>BASE MODEL</u> | | |
| | A) 4X2 Single Axle Truck (SFA Type) | | |
| | B) Conventional Cab, Engine Forward | | |
| 3 | <u>WHEEL BASE</u> | | |
| | A) 160" Minimum | | |
| 4 | <u>CAB TO AXLE</u> | | |
| | A) 85", With 63" Axle to Frame | | |
| 5 | <u>GVWR</u> | | |
| | A) 41,000 LBS minimum | | |
| 6 | <u>ENGINES</u> | | |
| | A) Diesel 8.9L or Equivalent (WET TYPE SLEEVES) | | |
| | B) Air to Air After-Cooling | | |
| | C) Must be 2013 OBD certified and compliant with GHG14 regulations, Must use SCR | | |
| | D) Horsepower 330 @ 2000 RPM / 1100 lb ft @ 1400 RPM | | |
| | E) Shall have electric cruise control | | |
| | F) 1000 Watt/115 volt engine block heater | | |
| | G) Clutch Fan, On/Off Type | | |
| | H) Stainless steel engine oil pan | | |
| | I) Radiator- cross flow, Series system, 1228 sq. in. aluminum core & 1167 sq.in. charge air cooler | | |
| | J) PTO adapter off front engine crankshaft (must go under radiator not through it) | | |
| | K) Low coolant level indicator in cab | | |
| | L) road speed wiring for rear spreader control | | |
| | M) Engine protection plan | | |
| 7 | <u>COOLANT CONDITIONER</u> | | |
| | A) Extended Life Coolant-Red | | |
| 8 | <u>AIR CLEANERS</u> | | |
| | A) Single | | |
| 9 | <u>AIR INTAKE</u> | | |
| | A) Inside, Outside With In-Cab Control | | |
| 10 | <u>TRANSMISSION</u> | | |
| | A) Automatic Allison 3000 RDS 6, close ratio, double overdrive, with PTO Provision 80,000 GVW | | |
| | B) Transmission prognostics enabled | | |
| | C) Stainless Steel Water to oil transmission cooler | | |
| | D) Electric transmission shift control | | |
| | E) Synthetic Lube | | |
| | F) Performance Programming Shifting | | |
| | G) Stainless steel Transmission cooler lines | | |
| | H) Oil lever sensor | | |
| | I) Allison TCM inside cab | | |
| | J) Stainless steel PTO Covers? | | |
| | K) Stainless Steel Bolt Kit | | |

BID PROPOSAL FORM

11 **AXLES**

- A) Front-Minimum 20,000 lbs - with synthetic lube oil hubs (Em Gard 75W-90)
- B) Rear-23,000 lb. Minimum Through Hubs (200 wheel ends)
- C) With Driver Controlled Locking Differential
- D) Magnetic Drain Plug
- E) Gear ratio to be 6.14
- F) All Axles Shall Have Synthetic Fluid

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12 **SUSPENSION SPRINGS**

- A) Front-20,000 lbs taper leaf suspension. Graphite/Bronze front spring bushings with seals
- B) Factory installed wing AIR BAG, passenger side
- C) 31,000lb capacity with 4500lb air suspension

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13 **FRAME**

- A) 120,000 PSI steel, E- coated. Grade 8 frame fasteners
- B) Single Channel (10.86"X3.622"X0.433
- C) Side Rail Section Modules 22.1 in.
- D) Frame RBM Not Less Than 2,600,000
- E) Front Frame Extension Must be Part of Parent Rail Continuous, Adequate For Plow Mount Installation. Not Less Than 20" From Grille
- F) Front Tow Hooks Mounted to Frame
- G) Chassis coating - corrosion resistant E-Coat primer coated single rail

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14 **BRAKES**

- A) Front- S-Cam 16.5"x 6"
- B) Rear- S-Cam 16.5"x7"
- C) Chambers Rear- 30-30 Type Mounted to Front Side of Axle
- D) Slack Adjusters- Meritor Rockwell Automatic Type
- E) Bendix 4S/4M ABS without traction control
- F) Brake Pedal Not to be Fixed to Floor
- G) Dust Shield on All Wheels
- H) 7-Way SAE J560 trailer electric cable receptacle mounted to end of frame
- I) Bendix AD-IP air dryer with integral air governor and heater(to be mounted left side)
- J) Air tank drain valves
- K) Stainless Steel Air tanks mounted one under each frame rail (for clean CA)
- L) 18.7 CFM
- M) No equipment shall protrude behind the rear tire line such that it would interfere with guide rollers on a shouldering machine or paver.
- N) Tractor protection valve/Tractor and Trailer Control in Cab

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15 **PARKING BRAKE**

- A) Rear wheels spring set with dash mounted control

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BID PROPOSAL FORM

16 CAB

- A) Air ride cab
- B) storage pockets in drivers and passengers doors
- C) Interior Assist Door Handles (Aluminum Exterior)
- D) RH & LH electric powered windows, controls on drivers door
- E) Height of cab from top of frame to top of roof shall be no less than 57"
- F)(2) Grab handle -one each side exterior
- G) Electric wipers (intermittent) with heavy duty motor and linkage, w/ windshield washer

- H) Deluxe interior with vinyl trim
- I) wing window in lower portion of passenger door
- J) Factory AC and Heat

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17 CAB INTERIOR EQUIPMENT

- A) Severe service conventional cab, constructed of galvanized steel
- B) National 2000 Model 195 air ride drivers seat with std individual high back, with air lumbar, and two (2) arm rests
- C) Passenger seat high back non suspension with integral head rest
- D) Seat Belts Retractable, Driver and Passenger (orange)
- E) Pre Trip Light Inspection Switch
- F) Keys, Ignition and Doors Keyed Alike
- G) Heavy duty type heater and defrosters
- H) Factory Air Conditioning
- I) Cab Sound dampening insulation package
- J) IP Cluster Display On Board Diagnostics OBD
- K) Interior sun visors

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18 HOOD

- A) Tilting Fiberglass Hood With Stationary Grille (w/radiator grille guard)
- B) Hood Access Hatch
- C) Rubber Fender Extensions
- D) Insulation on Engine Splash Panels
- E) Hood Mounted Mirrors Lt & Rt, Black and Heated, Strong Enough to Hold Plow Lights

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19 HORNS

- A) Air horn with covers
- B) Electric Dual Horns

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20 MIRRORS

- A) Pedestal or West coast mirrors (2) 16"x7" installed on cab with heated mirror heads, w/integral convex mirrors

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21 RADIO

- A) AM/FM radio, stereo with weather band, clock, multiple dual cone speakers

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22 GLASS

- A) Tinted Heated Windshield, Door Glass LR and RH Tinted

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23 WINDSHIELD WASHER

- A) Electric

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24 WINDSHIELD WIPERS

- A) Two-Speed Electric, Intermittent With Delay
- B) Winter Wiper Blades

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BID PROPOSAL FORM

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| 25 | <u>STEERING</u> | | |
| | A) Full Power, dual gear boxes | | |
| | B) Steering Column, Tilt | | |
| | C) Steering Wheel 18" Black , two spoke | | |
| 26 | <u>TACHOMETER</u> | | |
| | A) Electric | | |
| | B) Electronic Idle Speed Control | | |
| 27 | <u>EXHAUST SYSTEM</u> | | |
| | A) RH outboard under step mounted horizontal aftertreatment system and vertical tailpipe | | |
| | B) Stainless steel heat shields. | | |
| | C) Automatic over the road regeneration and dash mounted regeneration request switch | | |
| | D) Prefer system to be above lower edge of frame rail | | |
| | E) Six gallon diesel exhaust fluid tank | | |
| 28 | <u>FUEL TANK</u> | | |
| | A) One (1) top draw, D style, non polished aluminum, 19" deep, 70 gallon fuel step tank mounted on left side of vehicle under cab with additional safety step mounted below tank | | |
| | B) Fuel/water/separate (Racor M# 6400) with heater and coolant thermostat | | |
| | C) Anti-siphon screens in fuel tank neck | | |
| | D) Stainless steel fuel tank straps | | |
| 29 | <u>BUMPER</u> | | |
| | A) 14" Bumper painted steel | | |
| 30 | <u>Exterior Lights</u> | | |
| | A) All Lights LED | | |
| | B) Must conform with all federal and state safety standards | | |
| 31 | <u>TURN SIGNAL SWITCH</u> | | |
| | A) Self Canceling Switch | | |
| 32 | <u>HEADLIGHTS</u> | | |
| | A) Long Life Halogen Headlights w/ Factory Supplied Wire Harness for Plow Lights | | |
| 33 | <u>TAILLIGHTS</u> | | |
| | A) Shall be Mounted Inside Frame to be Visible From Below Salter LED | | |
| 34 | <u>GAUGES</u> | | |
| | A) Electric engine hour meter | | |
| | B) Ammeter or Voltmeter | | |
| | C) Engine Oil Pressure Gauge With Warning Light and Buzzer | | |
| | D) Fuel Gauge | | |
| | E) Air Pressure Gauge With Light & Buzzer | | |
| | F) Water Temperature Gauge With Warning Light and Buzzer | | |
| | G) DEF gauge | | |
| | H) Transmission Temperature Gauge With Warning Light and Buzzer | | |
| | I) Air Restriction Gauge | | |
| | J) Parking brake alarm | | |

BID PROPOSAL FORM

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| 35 | <u>ELECTRICAL</u> | | |
| | A) 12 volt 22SI 160 amp Delco alternator | | |
| | B) Switch auxiliary accessory control for wiring in roof, w/ maximum 20 amp load in dash | | |
| | D) Six ignition controlled body switches with light indicator, 20 amps, RPM module in cab | | |
| | E) Factory installed harness for snow plow lights | | |
| | F) All Circuit Breakers, With Manual Reset Type Indicators | | |
| | G) Electrical disconnect switch mounted inside the cab drivers side | | |
| | H) Power Source for Cell Phones | | |
| | I) Factory Back-Up Alarm (112 DB) | | |
| | J) Jump Start Stud | | |
| | K) Pre-Trip Inspection Switch | | |
| | L) Delco Starter Motor, 38MT, Less Thermal Over-Crank Protection | | |
| | M) Body Builder Wiring inside Cab | | |
| | N) Automatic headlight and rear light actuation when wipers are turned on | | |
| | O) 2-way radio wiring with 20 amp fuse protection, includes ignition wire with 5 amp fuse, wire ends heat shrink and routed in center of header console in cab | | |
| | P) Data link connector for vehicle programming and diagnostics in cab | | |
| | Q) Spedometer wire to inside of cab under dash | | |
| 36 | <u>BATTERIES</u> | | |
| | A) Heavy duty batteries (deep cycle type) minimum rated 1950 CCA | | |
| | B) Wire ground return for battery cables with additional frame ground return | | |
| | C) Positive and negative post for jump start located on frame next to starter | | |
| | D) Battery terminals sealed | | |
| 37 | <u>TIRES</u> | | |
| | A) 315/80R22.5 G287 Unisteel, 485 rev/mile 20 ply load range | | |
| | B) Rear Tires 14 ply minimum (one spare heavy duty drive wheel) mud and snow | | |
| 38 | <u>RIMS</u> | | |
| | A) I.S.O. Steel Discs | | |
| | B) Five (5) Heavy Duty Rear Rims 8.25x22.5 Powder Coated White | | |
| | C) Two (2) Heavy Duty Front Rims 9.0x22.5 Powder Coated White | | |
| 39 | <u>PAINT</u> | | |
| | A) Base Coat Clear Coat Paint, Omaha Orange cab, black frame and white powder coated wheels | | |
| 40 | <u>MANUALS</u> | | |
| | A) One (1) Parts Manual CD or WEBB | | |
| | B) One (1) Truck Service Manual CD or WEBB | | |
| | C) One (1) Engine Service Manual WEBB | | |
| | D) One (1) Operators Manual | | |
| 43 | <u>WARRANTY</u> | | |
| * | Basic vehicle warranty of one year unlimited miles including towing and road side assistance extensive engine warranty of seven years, 250,000 miles to include engine and hard parts plus fuel injectors, turbocharger, air compressor, electrical harness and connectors, front and rear crankshaft seals, AT NOx sensors, AT pressure sensors, AT temperature sensors, AT control module, DEF pump/metering unit/injection unit, particulate filter & housing, SCR catalyst & housing. | | |
| * | Transmission Minimum 3 Year. | | |

BID PROPOSAL

Bid Sheet:

Three (3) 41,000 G.V.W.R. Truck minimum 41,000 G.V.W.R.

We propose to furnish and deliver three (3) Patrol Trucks of not less than 41,000 G.V.W. meeting specifications included in this bid proposal as follows:

Make: _____

Model: _____

Total Cost F.O.B., Baraboo Wisconsin

Three (3) Trucks (41,000 G.V.W.R.)

Tax exempt \$ _____

Delivery Date: _____

The delivery date may be a factor in the awarding of this bid.
This is to certify that the person or firm submitting bid on above has read the specifications and any questions regarding same are understood.

Signed: _____

Firm Name: _____

Address: _____

Telephone: _____