NOTICE TO BIDDERS

Sealed proposals will be received by the City of Hastings until 10:00 a.m. on January 29, 2020 at which time they will be opened and read at the City Building, 220 North Hastings Avenue, Hastings, Nebraska for the furnishing and delivering F.O.B. Hastings of the following equipment:

One (1) – New 33,000 GVW Cab & Chassis Truck, 2019-2020 Design Model, with Dump body and Plow.  
One (1) – New 33,000 GVW Cab & Chassis Truck, 2019-2020 Design Model, with asphalt patch body and equipment.

Bid sureties shall meet the following requirements:

1. Bids for the sale of vehicles or equipment to the City of Hastings submitted by bidders located outside of Adams County, Nebraska must be accompanied by a 5% bid bond.
2. Bids for the sale of vehicles or equipment to the City of Hastings submitted by bidders located within Adams County, Nebraska need not be accompanied by a bid bond, but any apparent successful bidder must submit a 5% bid bond within 24 hours after the bid opening.
3. The 5% bid bond may be in the form of cash, cashier’s check or certified check.
4. The bid bond of any successful bidder shall be retained by the City until the vehicle or equipment has been delivered and accepted by the City.

Specifications may be obtained at the Office of the City Engineer, 220 North Hastings, Avenue, Hastings, Nebraska, or from the City of Hastings Website: www.cityofhastings.org/bids.

The City of Hastings reserves the right to select the bid(s), which best suits its needs, whether the price is the lowest or not, and reserves the right to reject all bids or waive informalities. A tax exemption certificate will be submitted to the successful bidder; therefore, all bids shall be on a net basis.

Dated this 9th day of January, 2020.

City of Hastings

Kimberly Jacobitz, City Clerk

Publish: January 14, 2020
January 21, 2020
INSTRUCTIONS TO BIDDERS

All proposals shall be submitted on the proposal forms hereto attached, which shall remain bound with the complete contract documents as originally issued. Copies of addenda, if any, shall be signed and attached to the bound volume.

Bidders shall inform themselves of all relevant matters and, if awarded the contract, shall not be allowed any extra compensation by reason of any matter or thing concerning which such Bidder might have fully informed himself prior to the bidding.

The Bidder, bidding on the specifications herein, who has exceptions to those called for in the specifications, must so state in the space provided below and attach a letter explaining in detail the exceptions taken to those required in the specifications. This letter of explanation shall become a part of the bid and shall be attached hereto. Failure by the Bidder to outline his exceptions will require the successful bidder to comply with these specifications.

If the dealership wishing to submit a bid has a unit currently in stock that meets or slightly exceeds the specifications, he may offer it as an “exception to the specifications” and as an article of immediate delivery to the City of Hastings.

Again, the City of Hastings has the right to reject or accept any or all bids as it deems in the best interests of the City of Hastings.

EXCEPTIONS TO SPECIFICATIONS: ____________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________
SPECIFICATIONS
FOR
33,000 GVW CAB & CHASSIS TRUCK

MODEL
NEW 2019-2020 DESIGN MODEL.

CAB

- FULLY ENCLOSED WITH KEY LOCKS ON ALL DOORS.
- ALL WINDOWS AND WINDSHIELD TINTED SAFETY GLASS
- POWER WINDOWS AND LOCKS
- HEATED WINDSHIELD.
- DRIVER AND PASSENGER INTERIOR SUN VISORS.
- FIBER GLASS TILT HOOD WITH STATIONARY GRILL.
- DARK GRAY OR CHARCOAL VINYL SEATS TO ACCOMMODATE DRIVER AND 2 PASSENGERS WITH AIR RIDE DRIVERS SEAT.
- BLACK RUBBER FLOOR MAT.
- HEAVY DUTY FRESH AIR HEATER WITH DEFROSTER AND FACTORY AIR CONDITIONING.
- AM/FM RADIO. MAXIMUM SOUND PROOFING PACKAGE.
- 2 SPEED INTERMITTENT WIPERS WITH WASHER.
- HIGH LOW BEAM HEADLIGHTS, DOME LIGHT, 4 WAY FLASHERS, TURN SIGNALS.
- 12 VOLT NEG GROUND ELECTRICAL SYSTEM.
- SOLID STATE CIRCUIT PROTECTION AND FUSES.
- 12 VOLT POWER PORT FOR PHONE OR COMPUTER.
- MINIMUM 6”X15” HEATED RIGHT AND LEFT SIDE DOOR MOUNTED WEST COAST STYLE REAR VIEW MIRRORS AND 6” ROUND SPOT MIRROR ON THE BOTTOM OF RIGHT MIRROR.
- GRAB HANDLES LEFT AND RIGHT SIDE.
- ELECTRIC AND AIR HORNS.
- 10 LB. FIRE EXTINGUISHER MOUNTED IN CAB.

INSTRUMENTS

- VOLT METER, OIL PRESSURE, PRIMARY & SECONDARY AIR PRESSURE GAUGE, FUEL, ENGINE TEMP, SPEEDOMETER, TACHOMETER, HOUR METER, WARNING BUZZER FOR GAUGES OUT OF SAFE OPERATING RANGE.
- BACK UP ALARM.
FRONT AXLE
- 12,000 LB MIN.
- 12,000 LB FRONT SUSPENSION TAPERED LEAF.
- HEAVY DUTY FRONT SHOCK ABSORBERS.
- POWER STEERING

REAR AXLE
- 23,000 LB SINGLE REAR AXLE
- AIRLINER 23,000 LB REAR SUSPENSION
- SINGLE AIR REAR SUSPENSION LEVELING VALVE
- TRANSVERSE CONTROL RODS
- REAR SHOCK ABSORBERS ON AXLE (AIR RIDE SUSPENSION)
- SINGLE SPEED WITH GEAR RATIO TO RUN 75 MPH.
  DRIVER CONTROLLED LOCKING DIFFERENTIAL.

WHEELS AND TIRES
- 22.5 X 8.25 BUD WHEELS
- 11R22.5 RADIAL TIRES 14 PLY RATING HIGHWAY TREAD
- 1 SPARE WHEEL AND TIRE SHALL BE PROVIDED

DIESEL ENGINE
- TURBO CHARGED INLINE 6 CYLINDER DIESEL AFTER COOLED
- MIN. 300 HP AND 660 FT. LBS.
- ENGINE OIL COOLER, SPIN ON OIL FILTER
- DRY TYPE AIR FILTER WITH AIR RESTRICTION INDICATOR
- SPIN ON FUEL FILTER
- 120 VOLT 1000 WATT BLOCK HEATER. (NO CARBON ENGINE IDLING COMPLIANCE)
- SET UP FOR FRONT DRIVEN HYDRAULIC SYSTEM, EXTRA
- HEAVY DUTY COOLING SYSTEM WITH ANTIFREEZE TO -30.
- SILICONE HOSES. HEATED FUEL WATER SEPARATOR
  (THERMOSTATIC CONTROLLED)

TRANSMISSION
- ALLISON 3500 RDS AUTOMATIC TRANSMISSION
- WITH PTO PROVISION
- DASH MOUNTED PUSH BUTTON ELEC. SHIFT CONTROL

EXHAUST
- VERTICAL EXHAUST SYSTEM, TOP OF EXHAUST PIPE TO BE CURVED TO PREVENT RAIN FROM ENTERING.
FUEL TANK

- 50 GALLON STEP TANK MOUNTED ON LEFT SIDE WITH DEF TANK.

ELECTRICAL SYSTEM

- 12 VOLT CIRCUIT BREAKER PROTECTION SYSTEM WITH MIN 135 AMP ALTERNATOR, TWO BATTERIES 900 CCA EACH.
- ALL LED LIGHTS, INCLUDING CLEARANCE MARKER LIGHTS, STOP, TURN, TAIL, INTERIOR DOME AND GAUGE CLUSTER LIGHTS
- TWO SWITCHED 20 AMP BODY CIRCUITS FOR BODY BUILDER CLEARLY LABELED (PLOW AND STROBE LIGHTS). ENGINE PROTECTION SYSTEM LIGHT AND AUDIO WARNINGS, ENGINE SHUT DOWN SYSTEM. INSTRUMENTATION PACKAGE, TO HAVE BUT NOT LIMITED TO OIL PRESSURE, ENGINE TEMP, AIR PRESSURE, VOLTS, FUEL, ENGINE HOUR METER AND TACH.
- PROVISIONS FOR JUMP START STUD. TRAILER BRAKE CONTROLS IN TRUCK WITH WIRING HARNESS FOR BODY BUILDER TO INCLUDE TRAILER PLUG NEAR END OF FRAME RAILS

BRAKE SYSTEM

- AIR BRAKE PACKAGE
- ABS BRAKE SYSTEM (4 WHEEL DISC) SPRING LOADED PARKING BRAKE
- REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES.
- STEEL AIR TANKS WITH PULL CABLE DRAIN VALVE ON ALL AIR TANKS
- DIRECT DRIVE WATER COOLED 2 CYLINDER AIR COMPRESSOR 13 CFM AT 60 PSI.
- FRAME MOUNTED SPIN ON AIR DRYER (BENDIX AD-SP109994) OR EQUIVALENT TO BE MOUNTED UNDER HOOD.
FRAME

- 120,000 PSI YIELD STRENGTH STEEL FRAME 2,000,000 IN. LB. RBM.
- EXTENDED FRAME IN FRONT TO ACCOMODATE SNOW PLOW HITCH AND CRANK SHAFT DRIVEN HYDRAULIC PUMP (NO BOLT ON EXTENTIONS), SPLIT FRONT BUMPER LEFT AND RIGHT OF FRAME EXTENTIONS CAB TO AXLE 90 TO 100 INCHES TO BE DETERMINED BY DUMP BODY DIMENSIONS. TOW HOOKS FRONT AND REAR.

PAINT

- UNIT SHALL BE WHITE IN COLOR WITH GLOSS BLACK FRAME AND WHITE WHEELS.

WARRANTY

THE MANUFACTURER’S STANDARD WARRANTY SHALL APPLY TO EACH VEHICLE. MECHANICAL OR BODY REPAIR REQUIRED UNDER MANUFACTURER’S WARRANTY, PRIOR TO USE OF THE VEHICLE BY THE CITY SHALL BE THE RESPONSIBILITY OF THE SELLING DEALER, INCLUDING THE TRANSPORTATION THEREOF. **WARRANTY TO BE EFFECTIVE FROM DATE OF ISSUANCE OF FIRST ASSIGNMENT AND THE MILEAGE WARRANTY WILL BEGIN FROM THE MILEAGE ON THE ODOMETER ON THE DATE OF ASSIGNMENT. THE SELLING DEALER WILL PROVIDE WARRANTY ACTIVATION CARDS, OR SIMILAR**

MANUALS

ONE COMPLETE OWNERS MANUAL
ONE COMPLETE SHOP SERVICE MANUAL FOR CHASSIS, ENGINE AND TRANSMISSION.

EXCEPTIONS

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
### TECHNICAL SPECIFICATIONS FOR CURRENT PRODUCTION
MODEL STANDARD DUMP BODY AND LEFT/RIGHT ANGLE SNOW PLOW

Dump body to be current production model with all standard equipment and include minimum requirements as specified.

<table>
<thead>
<tr>
<th>item#</th>
<th>Minimum bid requirements</th>
<th>No</th>
<th>Yes</th>
<th>exceptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Box to be 11' in length 30&quot; high sides, 50&quot; high front and 34&quot; high tail gate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Floor to be 1/4&quot; AR450 grade steel with western tubular understructure frame or equivalent design</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Sidewall to be 7 gauge grade 50 with max sidewall bracing and 5&quot; curved sidewall to floor design</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>7 gauge grade 50 box front over cab protector with clearance for air ride cab and vertical exhaust</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>7 gauge grade 50 tailgate with max bracing and hydraulic tailgate latch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Factory installed 2500lb dump body vibrator</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>All lights LED and recessed with all wiring in loom and heat shrink on all connections. Wiring to be well protected from mud and ice collection. Flashing amber LED strobe lights to be mounted and recessed at left and right rear of box and over cab, (not to be mounted to cab guard). Aux snow plow lights to be mounted on hood of truck</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Mud flaps front and rear of duals with brackets to keep flaps from rubbing on tires</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>An under body style hoist to match box capacity, with 20 ton of lift to a minimum of 50 degrees of angle, hoist should be minimum of 3000 psi for dual action cylinder @ 6 gpm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Dump body to be painted hunter green, under body to be painted black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>CRANKSHAFT DRIVEN LOAD SENSING. With all required components, return line filter, ball valve shut offs at suction and return, 35 gallon valve mount reservoir for power up/down hoist, power up/power down, angling left and right snow plow, corrosion resistant flat faced couplers at rear of truck for street Dept. salt/sand spreaders that are currently being used.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>All hydraulic controls to be electric over hydraulic with joy stick controls for snow plow and toggle switch for dump body and hydraulic tail gate release. All switches and controls clearly labeled and within reach of driver.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Pump should be a minimum 12 gpm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>All hydraulic hoses, plumbing and fittings to be included and functional for snow plow, dump body and sand spreader</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Snow plow balance valve (Wojanis mod WSC-072-04) or equivalent installed and operational with controls mounted in cab for easy driver operation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SNOW PLOW, LEFT/RIGHT ANGLE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Snow plow light kit consisting of a pair of high and low beam halogen headlamps with LED turn signal and park light in a high impact polycarbonate case, 1/2&quot; swivel bolt mount</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>11' X 36&quot; left and right reversible plow</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>3/8 poly mold board, with full trip edge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Two double action 3&quot; hydraulic cylinders with 1&quot; diameter pins for left and right angle</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>4&quot; plow lifting cylinder, power up gravity down</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>12&quot; rubber deflector bolted across top of plow to reduce overspray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Snow plow will be mounted as close to hood as possible and retain all functions of truck and accessibility of hyd pump. Minimum ground clearance of snow plow mounts shall be no less then 10 inch's.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Quick hitch with swivel plate and quick connect hyd couplers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>The manufacturer’s standard warranty shall apply to each item. Mechanical or body repair required under manufacturer’s warranty, prior to use of the vehicle by the city shall be the responsibility of the selling dealer, including the transportation thereof. <strong>Warranty to be effective from date of issuance of first assignment and the mileage warranty will begin from the mileage on the odometer on the date of assignment. The selling dealer will provide warranty activation cards, or similar</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>ALL COMPONENTS OF PROPOSAL TO BE INSTALLED AND DELIVERED AS ONE UNIT.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>