

REQUEST FOR QUOTATION	TROY SCHOOL DISTRICT 1140 RANKIN, TROY, MICHIGAN 48083 248-823-4052 FAX: 248-823-4077	REQUISITION
No. 9564		
DUE DATE NO LATER THAN 9/16/08 3 p.m.		DATE 8/28/08

REQUEST FOR QUOTE - NOT AN ORDER

THIS FORM MUST BE UTILIZED WHEN RESPONDING TO THIS REQUEST
 BID ENVELOPE ENCLOSED

THE RFQ NUMBER MUST APPEAR ON ALL QUOTATIONS AND RELATED CORRESPONDENCE, THIS IS NOT AN ORDER

Quantity	DESCRIPTION	UNIT PRICE	AMOUNT
	<p>Please supply us with your bid to furnish the Troy School District with DUMP TRUCKS for the Maintenance and Operations Department</p> <p style="text-align: center;">Copies of the bid are available at: www.troy.k12.mi.us/purchasing/items_out_for_bid.htm</p> <p style="text-align: center;">Bid recaps will be available at: troy.k12.mi.us/purchasing/index.htm</p> <p style="text-align: center;"><u>FACSIMILE BID IS NOT ACCEPTABLE</u></p> <p>Bids will not be accepted if submitted after the deadline specified (local time) in the advertisement to bid or in the information to bidders. The late submission of a bid makes the bid nonrepsonsive and is a material defect which shall not be waived by the Board of Education. Delays in the mail will not be considered. All Late bids in the mail will be returned to the bidder unopened.</p> <p>Proposal for the submission of alternatives by vendors will be accepted and reviewed. However, if any substitution or departure is not clearly noted and described, it will be understood that the bid intends to exactly meet the specifications.</p> <p>The Board of Education shall be the sole judge as to whether the proposed goods are "equal" or "approved". Quotations must be mailed or delivered to the Purchasing Office, 1140 Rankin, Troy, MI 48083 no later than 3 p.m. on the date shown above. Michigan State Sales and Use Taxes and Federal Excise Taxes do not apply unless otherwise indicated. Exemption certificates will be furnished when necessary. This request imposes no obligations on the buyer. The Board of Education reserves the right to accept or reject any or all bids or to split awards by items or to accept bids, which will best serve the Board of Education.</p>		

THIS AREA MUST BE FILLED IN

DELIVERY TIME	PRICES FIRM FOR	NAME OF COMPANY	TELEPHONE NO.
TERMS		NO. & STREET	FAX #
FOB DELIVERED	ALL DELIVERY CHARGES MUST BE INCLUDED IN PRICES SHOWN	CITY, STATE & ZIP CODE	E-MAIL
CONTACT PERSON (PLEASE PRINT)		SIGNATURE	DATE

Note: All bidders are specifically reminded that a completed Affidavit of Bidder (Familial Disclosure) MUST be completed and submitted with the bid response. Failure to include a completed copy will be grounds for disqualification of bid. The Affidavit of Bidder is required to be notarized for construction bids only. All others only require completion and signature.

AFFIDAVIT OF BIDDER

The undersigned, the owner or authorized officer of _____ (the “Bidder), pursuant to the familial disclosure requirement provided in the _____ (the “School District”) advertisement for construction bids, hereby represent and warrant except as provided below, that no familial relationships exist between the over(s) or any employee of _____ and any member of the Board of Education of the School District or the Superintendent of the School District.

List any Familial Relationships:

BIDDER:

By: _____

Its: _____

STATE OF MICHIGAN)
)ss.
COUNTY OF _____)

This instrument was acknowledged before me on the _____ day of _____, 2008, by _____.

,Notary Public

_____County, Michigan

My Commission Expires: _____

Acting in the County of: _____

**Troy School District
Bid 9564**

Vehicle No. 1 – General Specifications (1 Unit)

A. This specification covers the furnishing, delivering and demonstration of one new, current model Chevrolet CC7500 (**or equal**), single axle, 6-8 yard dump truck, equipped with front snow plow, roll up style tarp and under tailgate material spreader.

B. Vehicle shall be capable of legal travel on public roads with respect to itself, its cargo, driver and passenger. Truck will primarily be used for Municipal snow and ice removal, roadway maintenance and towing of heavy equipment.

C. Vehicle shall be delivered with all specified equipment installed new and fully functional. Provide a complete set of manuals and warranty information on all equipment.

D. Provide the following information on the unit being proposed and alternates:

1. Year of Truck
2. Manufacturer / Model of Truck
3. Manufacturer / Model of Engine (Gasoline Only)
4. Manufacturer / Model of Dump Body (Stainless Steel)
5. Manufacturer / Model of Snow Plow (Heavy-Duty 10 Feet)
6. Manufacturer / Model of Tarp
7. Manufacturer / Model of Under Tailgate Spreader (304 Stainless Steel)

E. Bidder shall submit with this bid the latest printed specifications and advertising literature on the truck cab and chassis, front snow plow, tarp and under tailgate spreader.

F. Bidder shall submit with this bid written terms and conditions of all standard **and any available optional extended warranty coverage**.

G. At time of delivery, vehicles shall conform to all applicable U.S. Department of Transportation and O.S.H.A. regulations.

H. Freight of unit, and all associated items (spare tires, manuals, etc.) shall be F.O.B.:

Troy School District
Maintenance & Operations
1140 Rankin
Troy, Michigan 48083

I. Pre-build Meeting. After deliveries of chassis/cab to body vendor and during various stages of assemble, bidder agrees to allow the Director of Operations and other Troy School District maintenance personnel to consult with bidder's shop supervisor or equivalent regarding exact placement of various components such as control console, lighting, body steps, and pump, etc.

J. Positioning of all controls, levers, switches, lights and accessories shall be determined by the Director of Operations.

K. All switches, levers, controls, indicator lights, and hydraulic valve solenoids shall be permanently and clearly labeled with proper functions.

L. Standard Vehicle Specifications:

- o **GVWR** – 25,950lbs. Capacity.
- o **Gasoline Engine** – Vortec 8.1L MD V8, 295hp, 3600rpm, 440lb-ft torque. 3200rpm oil level sensor (warning sensor for low oil levels).
- o **Air Cleaner** – Dry-type standard filter element.
- o **Filter** – Large-capacity frame-mounted fuel filter.
- o **Engine Block Heater** – 400watt, 110v (Includes protected receptacle by drivers side door)
- o **Alternator** – AD244, DELCO-REMY 150amp maximum
- o **Battery** – Single, 770 CCA, ACDELCO 12v, 115-minute reserve capacity
- o **Alarm** – Automatic engine shutdown with alarm (include reset feature).

- **Exhaust System** – Single horizontal-drivers side mounted inside frame rail, stainless-steel exhaust system with catalytic converter.
- **Power Take Off (PTO)** – Electronic activation switch, (electric hand throttle), IP mounted. When activated it adjusts engine rpms. **Provisions for front mounted PTO Shaft, adapter plate bolted to crank shaft.**
- **Automatic Transmission** –Allison 2200 HS/RDS Series (close ratio) 5-Speed.
- **Transmission Fluid** – Transynd synthetic automatic transmission fluid.
- **Front Axle** – 10,000lbs Capacity
- **Front Oil Seals** – Clear Caps (synthetic lubricant)
- **Front Suspension** – Tapered Leaf, 12,000lbs Capacity.
- **Front Stabilizer Bar** – Solid bar style, 1.5” (38mm)
- **Front Wheel** – 22.5” x 8.25”, Steel Disc. Accuride 10-hole, flange nut, hub piloted, 11.25” bolt circle, 14,780lbs Capacity.
- **Front Tire** – 11R22.5G 12,350lbs Capacity (Goodyear Brand)
- **Front Tire Tread** – Premium, Highway
- **Single Speed Rear Axle** – DANA 19060S, 19,000lbs Capacity (include 75w-90 synthetic lubricant and National brand oil seals)
- **Axle Ratio** – 6.50:1
- **Rear Suspension** – Multi-leaf, 23,500lbs Capacity.
- **Rear Shock Absorber** – Must work with Multi-leaf specified.
- **Rear Auxiliary Springs** – Single tapered leaf, not rated (provide increased load stabilization and spring durability).
- **Rear Stabilizer Bar** – Increase load stabilization-improves handling and reduces vehicle roll.
- **Rear Wheel** – 22.5” X 8.25”, Steel Disc. Accuride 10-hole, flange nut, hub piloted, 11.25” bolt circle, 29,560lbs Capacity.
- **Rear Tire** – 11R22.5G 23,000lbs Capacity. Goodyear Brand
- **Rear Tire Tread** – Highway Traction
- **Wheelbase** – 152”
- **Frame Rail** – 80,000lbs Rail, Painted semi-gloss black 8MM-80,000psi Yield Strength.
- **Frame Extension** – 24”
- **Reinforcement** – Inverted “L”-80,000psi Yield Strength
- **Fuel Tanks** – Dual, 75-Gallon Total Fuel Capacity, 2-gallon passenger side, 50-gallon driver side, steel provides clean back of cab and a black tethered fuel cap with gasoline engines.
- **Brake System** – Hydraulic, split brake system with 4-channel ABS disc-type Bosch Hydro Max high performance booster.
- **Towing Devices** – Front Tow Hooks, Frame-Mounted
- **Cab/Hood Equipment** – Stationary Grille (attached to radiator support)
- **Horn** – Dual-Note, Electric
- **Wiring Harness** – 7-wire full trailer routed to end of the frame with receptacle.
- **Driver Convenience Package** - N33 tilt-wheel
- **Driver Information** – Air Cleaner Restriction Gauge-Mounted on Instrument Panel and Transmission Temperature Gauge.
- **Miscellaneous Cab Equipment** – Air Conditioning / DELCO AM-FM Stereo Radio (with coaxial speakers in all door panels)
- **Exterior Mirrors** – Manual, Heated, 102” Wide Load, Integral, Arm, Integral Convex Mirror (black molded composite 12” x 7” convex section).
- **Paint** – Summit White (Solid Non-Metallic Paint)
- **Driver Seat** – High-Back Bucket, Lumbar Support, Fixed Height, Manual Adjuster (storage in the seat riser with a small lip at the front to help prevent contents from sliding out).
- **Passenger Seat** – Two-person without storage
- **Interior Trim** – Very Dark Pewter
- **Seat Trim** – Vinyl

M. Central Hydraulic and Control System

- Authorized distributor must install all equipment to insure proper installation.
- The intent of these specifications is to describe a central hydraulic system and controls for the operation of equipment on a maintenance truck. The components listed herein have been chosen for their ability to provide long term durability and ease of service. Bidders may bid alternates but it will be the agency's decision whether they are considered equal.
- **Pump** – The pump will be a cast iron, positive displacement, gear type pump driven live off of a manufacturers supplied PTO provision on the engine crankshaft. The pump will be a tandem design with a single inlet and two outlets. The pump will supply a minimum of 2.46 cubic inches/revolution from each section. Pump to be a Parker model PGP-330.
- **Pump Drive** – The pump will be driven live via a chassis manufacturer supplied PTO provision from the engine crankshaft. The pump drive will include a Spicer 1310 series driveline with flange and end yokes. Driveline to feature tubular style automotive type shafting and lock wired set screws.
- **Control Valve** – The control valve will be a cast iron, sectional type balanced spool design. It will feature individual transition checks and be rated for a nominal flow of 40gpm. The valve will be assembled to operate a double acting hoist with internal power down relief protection, a double acting plow raise and a double acting plow angle. An adjustable main relief will be included with a pressure test port. Valve to be a Commercial Intertech model DVA20.
- **Spreader Control** – Spreader control will be provided by a manual, pressure compensated, dual flow control with detented on/off control and individual flow controls for the spinner and auger/conveyor. The spreader control will feature spinner priority to eliminate material pile-ups at low speed operation. Spreader control to include pressure relief protection. The control will be mounted on a steel enclosure to fully enclose all hydraulic lines and sealed to the vehicle floor. A spinner pressure jumper line with mating couplers will be included for summer operation of a berming chute. Spreader control to be a Gresen model QDB.
- **Operator Controls** – The control valve will be shifted via sealed cable assemblies of the push/pull type. The cable will feature an armor wrapped, stainless steel core and travel inside a polyethylene conduit with steel over-braid and high temperature cover. The cable will be attached to the control valve with a bonneted connection. There will be handles mounted in the cab for the operation of the cables. The handles will be securely stacked and anchored in a location convenient to the operator and be labeled.
- **Reservoir** – System will include a steel frame mounted reservoir with a capacity of 30 gallons of hydraulic oil. Reservoir will include a sight level and temperature gauge, magnetic drain plug and a baffle separating the return and supply side of the tank. The tank will include a twist off filler/breather assembly with 40 micron vent filter. Reservoir to be a CP-RES-30-SMS-F10-G.
- **Return Line Filter** – The hydraulic system will include an in tank type filter rated for 50gpm of flow. The filter will include a 25 micron element and 25psi bypass assembly.
- **Plumbing** – The hydraulic system will be plumbed to SAE standards with no black or iron pipe connections or components. National Pipe Thread connections are allowed at the reservoir provided they are dry seal type and sealed with liquid sealant. Pressure lines to be SAE100-R16, Return lines to be SAE100-R1, Suction line to be SAE100-R4. Front plow angle, auger and spinner couplers to be stainless steel with dust covers. Coupler halves to be reversed for ease of hook up. Couplers to be mounted through dump body rub rails with stainless steel bulkheads.
- Front mount live drive hydraulic system
- Gresen V-20-3 three stack valve with cylinder port relief's and power beyond
- Adjustable flow divider for fine tuning of flow for spreader
- Single lever morse heavy-duty control with stand and cable for dump
- Dual axis morse controller with stand for plow
- Spreader control valve mounted on console for adjustment of auger and spinner
- Frame mounted 25 gallon hydraulic oil tank with sight/temp. gauge return line filter with (2) ball valves to remove filter
- Hydraulic hoses and stainless steel quick-disconnects
- Dust caps for front plow and rear spreader quick disconnects

N. Dump Body

- 10' dump body 304 stainless steel (no exceptions) 6 to 8 yard capacity
- 10ga. 304 stainless steel 30" high sides with board pockets 84" inside width
- 10ga. 304 stainless steel 36" front and tailgate
- 3/16" AR400 steel floor cross member-less (6") 45 degree side to floor gusset
- 6 panel double acting manual tailgate
- 1 body prop
- ½ x 84" cab shield 10ga. 304 stainless steel
- Full depth rear post
- Full depth rear bolster
- Box top rail
- Continuous welded
- All lights to be LED
- Natural color (no paint)
- U60-823 under body twin arm hoist
- 8" bore with 23" stroke
- ¼" steel channel sub-frame

O. Electric Tarp

- All aluminum electric tarp system
- 12 volt system with circuit breaker protection in cab controls with breaker reset
- 14' black mesh tarp
- Aluminum wind deflector

P. Snow Plow

- 10' steel moldboard 32" high double trip plow (no exceptions)
- Truck and plow attachment to be a 29" hosting style hitch.
- 12" channel front bumper tapered at ends
- There are (2) ½" x 2 ½" main ribs which are 60" apart. These ribs are the attaching points of the torque arms.
- The torque arm attach point has a series of (5) holes to change the blade attach angle.
- There are (3) ¼" x 2 ½" center ribs and (2) ¼" x 2 ½" outer ribs.
- The ribs are reinforced with 3/8" x 3" cross brace the full width of the moldboard.
- The moldboard base angle is 7" x 2 ½" x 3/8" x 108" long w/ full length crimp for additional rigidity. The moldboard top angle is 2" x 2" x ¼" structural angle with pre punched holes for the optional rubber deflector.
- There are (2) ¼" x 1 ½" flat bars running the length of the moldboard to reinforce the moldboard frame and to provide a bolting strip for the poly moldboard sheet.
- Double safety trip mechanism's to operate **without** the use of **steel** torsion or compression trip springs. (no exceptions).
- Lower trip edge utilizing high performance polyurethane technology. Polyurethane trip hinge 1 3/8" x 5 ½" x 106" long.
- Upper full safety trip via urethane torque arms inserted into each end of the torque tube arm shafts. Torque arms constructed from ½" steel plate ends with a 2" DOM tube welded perpendicular to the end plate. Urethane material is bonded to the torque arm to provide moldboard trip and return.
- **Note:** Snow plow will be installed on a 25,950lb. GVW chassis and must have a minimum of a 2 year warranty from factory.

Q. Stainless Steel Under Tailgate Salt Spreader

- Direct drive hydraulic motors for the auger and the spinner to allow for independent control of each function. Auger motor must have a minimum 22.6 cubic inch displacement and spinner motor minimum 3.2 cubic inch displacement.
- Must have top and bottom hydraulic **safety interlock system** to disable auger during clean out and maintenance. **(No exceptions)**
- Hinged cover allows full use of dump body functions while spreader is mounted on truck.
- Top cover hinge to be 3/4" solid rod (3/4" tube not excepted)
- Bottom door hinged for easy clean out and blockage removal.
- 6" auger with a minimum 2-7/8" diameter pipe (2" diameter pipe not excepted)
- Adjustable in height spinner frame allows mounting on various height vehicles.
- Quick detach stabilizer kit keeps spinner parallel to the road at all dump angles.
- Tailgate shields close off gap between open dump body tailgate and sides of body during operation. Anti-flow plate installed over material drop out prevents material free flow while auger is not turning. All welds must be clean and de-blued.
- One (1) rear mounted salt light on drivers side

R. Strobe Lights

- (4) four LED oval strobe light system
- (2) Two mounted in rear post below stop, turn and tail lights.
- (2) Two mounted in front of cab shield
- All wires are to be ran into a junction box and direct to light and power source (no splices)

S. Rear Hitch

- 3/4" Custom solid steel rear hitch plate with bracing to truck frame
- Ph-20 (40,000 lb) Pintle Hook
- Brake controller
- Heavy-duty safety chain D-rings
- 7 wire round pin trailer plug
- Painted black

Vehicle No. 2 – General Specifications (2 Units)

A. This specification covers the furnishing, delivering and demonstration of one new, current model Chevrolet CC4500 (**or equal**), 4WD, 3-4 yard dump truck, equipped with front snow plow; roll up style tarp and under tailgate material spreader.

B. Vehicle shall be capable of legal travel on public roads with respect to itself, its cargo, driver and passenger. Truck will primarily be used for Municipal snow and ice removal, roadway maintenance and towing of heavy equipment.

C. Vehicle shall be delivered with all specified equipment installed new and fully functional. Provide a complete set of manuals and warranty information on all equipment.

D. Provide the following information on the unit being proposed and alternates:

1. Year of Truck
2. Manufacturer / Model of Truck
3. Manufacturer / Model of Engine (Gasoline Only)
4. Manufacturer / Model of Dump Body (Stainless Steel)
5. Manufacturer / Model of Snow Plow (Heavy-Duty 8.5 Feet)
6. Manufacturer / Model of Tarp
7. Manufacturer / Model of Under Tailgate Spreader (304 Stainless Steel)

E. Bidder shall submit with this bid the latest printed specifications and advertising literature on the truck cab and chassis, front snow plow, tarp and under tailgate spreader.

F. Bidder shall submit with this bid written terms and conditions of all standard **and any available optional extended warranty coverage**.

G. At time of delivery, vehicles shall conform to all applicable U.S. Department of Transportation and O.S.H.A. regulations.

H. Freight of unit, and all associated items (spare tires, manuals, etc.) shall be F.O.B.:

Troy School District
Maintenance & Operations
1140 Rankin
Troy, Michigan 48083

I. Pre-build Meeting. After deliveries of chassis/cab to body vendor and during various stages of assemble, bidder agrees to allow the Director of Operations and other Troy School District maintenance personnel to consult with bidder's shop supervisor or equivalent regarding exact placement of various components such as control console, lighting, body steps, and pump, etc.

J. Positioning of all controls, levers, switches, lights and accessories shall be determined by the Director of Operations.

K. All switches, levers, controls, indicator lights, and hydraulic valve solenoids shall be permanently and clearly labeled with proper functions.

L. Standard Vehicle Specifications

- **GVWR** – 17,500lbs. Capacity.
- **Gasoline Engine** – Vortec 8.1L MD V8, 325hp, 4000rpm, 450lb-ft torque. 2800rpm oil level sensor (warning sensor for low oil levels).
- **Snow Plow Prep** – Setup for electric plow system as specified.
- **Air Cleaner** – Heavy-duty
- **Engine Block Heater** – 400watt, 110v (Includes protected receptacle by drivers side door)
- **Road Speed Governor** – 65mph
- **Alternator** – AD244, DELCO-REMY 150amp maximum
- **Battery** – Single, 700 CCA, ACDELCO 12v, 115-minute reserve capacity
- **Isolator, Battery** – combinations include on 700 CCA.
- **Alarm** – Automatic engine shutdown with alarm (include reset feature). Activated by low or high engine oil pressure and high coolant temperature.

- **Exhaust System** – Single horizontal-drivers side mounted inside frame rail, stainless-steel exhaust system with catalytic converter.
- **Power Take Off (PTO)** – Electronic activation switch, (electric hand throttle), IP mounted. When activated it adjusts engine rpms.
- **Automatic Transmission** –Allison 1000 HS/RDS Series (close ratio) 6-Speed.
- **Transmission Fluid** – Transynd synthetic automatic transmission fluid.
- **Transmission Equipment** – Auxiliary Transmission Cooler (air to oil)
- **Transfer Case** – New venture gear-model NV273 two-speed, electrically actuated, IP mounted switch, include shield.
- **Front Axle** – 8,000lbs Capacity Solid drive axle. Up to 45 degree turn angle.
- **Front Suspension** – Tapered Leaf, 8,000lbs Capacity.
- **Front Stabilizer Bar** – Solid bar style, 1.5” (38mm)
- **Front Wheel** – 19.5” x 6.75”, Steel Disc. Accuride 8-hole, 10,000lbs Capacity.
- **Front Tire** – 245/70R 19.5 9880lbs Capacity. Goodyear Brand
- **Front Tire Tread** – Highway Traction
- **Single Speed Rear Axle** – DANA S14-110 13,500lbs Capacity full floating.
- **Axle Ratio** – 5.13:1
- **Traction Control** – Rear Limited Slip Differential
- **Bolted or Riveted Suspension** – Rear suspension brackets are riveted to frame in lieu of bolts.
- **Rear Suspension** – Multi-leaf, 13,500lbs Capacity.
- **Rear Shock Absorber** – Must work with Multi-leaf specified.
- **Rear Stabilizer Bar** – Increase load stabilization-improves handling and reduces vehicle roll.
- **Rear Wheel** – 19.5” x 6.75”, Steel Disc. 8-hole, 20,000lbs Capacity.
- **Rear Tire** – 245/OR 19.5H 18,700 Capacity. Goodyear Brand
- **Rear Tire Tread** – Highway Traction
- **Wheelbase** – 152”
- **Reinforcement** – “L”-80,000psi Yield Strength
- **Fuel Tanks** – Single, 40-Gallon fuel capacity (Gas) Driver side fill neck only, no auxiliary fuel ports.
- **Towing Devices** – Front Tow Hooks, Frame-Mounted
- **Cab/Hood Equipment** – Stationary Grille (attached to radiator support). Accent color with no chrome trim, single headlamps.
- **Horn** – Dual-Note, Electric
- **Driver Convenience Package** - N33 tilt-wheel
- **Driver Information** – Air Cleaner Restriction Gauge-Mounted on Instrument Panel and Transmission Temperature Gauge.
- **Miscellaneous Cab Equipment** – Air Conditioning / DELCO AM-FM Stereo Radio (with coaxial speakers in all door panels)
- **Exterior Mirrors** – Manual, Heated, 102” Wide Load, Integral, Arm, Integral Convex Mirror (black molded composite 12” x 7” convex section).
- **Paint** – Summit White (Solid Non-Metallic Paint)
- **Driver Seat** – High-Back Bucket, Lumbar Support, Fixed Height, Manual Adjuster (storage in the seat riser with a small lip at the front to help prevent contents from sliding out).
- **Passenger Seat** – Two-person without storage
- **Interior Trim** – Very Dark Pewter
- **Seat Trim** – Vinyl

M. Dump Body Specifications:

- Stainless Steel 11’ dump body with 3/16” AR400 one piece cross member-less floor
- 304 #4 polished stainless steel sides, front and tailgate (no exceptions)
- 14” side height no vertical braces with dirt shedding top rail
- 24” front and tailgate with stainless steel e-z latch tailgate
- Tailgate must have minimum 1-1/4” diameter solid stainless steel top and 1”bottom hinge pins. (no exceptions)
- ¼” cab shield 304 stainless polished

- 7" I-Beam long sills
- LED marker lights / stop, turn and tail lights
- NTEA class 40 hoist
- Cylinder to have a minimum 5.5" bore, 20" stroke and 2-1/4" diameter rod
- Double acting power up and power down (no exceptions)
- 13.2 ton capacity with 18" over-hang
- Natural finish (no paint)

N. Hydraulic System

- Engine driven clutch pump hydraulics to operate dump and spreader
- C.W Mills mounting kit with serpentine belt system
- Commercial Inertech pump delivers 17gpm @ 1600 rpm
- 12 volt electric 125 ft. lb. clutch, Heavy-Duty sealed bearing On/off switch in dash
- Gresen V-20-1 12volt solenoid to operate single stack double acting valve with cylinder port relief and power beyond, adjustable flow divider for fine tuning of flow to either auger or spinner. Single lever morse heavy-duty control with stand and cable.
- Spreader control valve mounted on console for adjustment of auger and spinner
- Side mount 25 gallon hydraulic oil tank with sight/temp. gauge
- Return line filter assembly with (2) two ball valves
- Hydraulic hoses and quick-disconnects with dust caps at rear

O. Stainless Steel Snow Plow

- 304 Stainless Steel 8'6" straight blade
- Moldboard height minimum 31" tall (no exceptions)
- Four (4) trip springs
- Minimum 1-1/2" x 12" angle cylinders and 2" x 6" lift cylinder (no exception)
- 1/2" x 6" cutting edge
- Quick hitch
- Minimum (9) nine vertical 1/4" ribs with 2" cross tube and 4" formed channel
- Straight blade hand held control
- Dual Halogen bulbs and amber turn signals (no exceptions)
- 2 adjustable plow shoes
- Poly curved snow deflector

P. Strobe Lights

- (4) four LED oval strobe light system
- (2) Two mounted in rear post below stop, turn and tail lights.
- (2) Two mounted in front of cab shield
- All wires to be ran into a junction box and direct to light and power source (no splices).

Q. Stainless Steel – Under the Tailgate Salt Spreader

- Direct drive hydraulic motors for the auger and the spinner to allow for independent control of each function. Auger motor must have a minimum 22.6 cubic inch displacement and spinner motor minimum 3.2 cubic inch displacement.
- Must have top and bottom hydraulic **safety interlock system** to disable auger during clean out and maintenance. **(No exceptions)**
- Hinged cover allows full use of dump body functions while spreader is mounted on truck.
- Top cover hinge to be 3/4" solid rod (3/4" tube not excepted)
- Bottom door hinged for easy clean out and blockage removal.
- 6" auger with a minimum 2-7/8" diameter pipe (2" diameter pipe not excepted)
- Adjustable in height spinner frame allows mounting on various height vehicles.
- Quick detach stabilizer kit keeps spinner parallel to the road at all dump angles.
- Tailgate shields close off gap between open dump body tailgate and sides of body during operation. Anti-flow plate installed over material drop out prevents material free flow while auger is not turning. All welds must be clean and de-blued.
- One (1) salt light mounted drivers side at rear of body

R. Rear Hitch

- ½" Custom solid steel rear hitch plate with bracing to truck frame
- Ph-15 (30,000 lb) Pintle Hook mounted 20" top to bottom
- Brake control
- OEM lights in rear hitch plate
- Heavy-duty safety chain D-rings
- 7 wire round pin trailer plug
- Painted black

Vehicle No. 3 – General Specifications (1 Unit)

- A.** This specification covers the furnishing, delivering and demonstration of one new, current model Chevrolet Silverado 2500HD (**or equal**), 4WD Extended Cap, equipped with front snow plow and rear (hitch) spreader.
- B.** Vehicle shall be capable of legal travel on public roads with respect to itself, its cargo, driver and passenger. Truck will primarily be used for snow and ice removal, roadway maintenance and towing of small utility trailers.
- C.** Vehicle shall be delivered with all specified equipment installed new and fully functional. Provide a complete set of manuals and warranty information on all equipment.
- D.** Provide the following information on the unit being proposed and alternates:
1. Year of Truck
 2. Manufacturer / Model of Truck
 3. Manufacturer / Model of Engine (Gasoline Only)
 4. Manufacturer / Model of Snow Plow (Heavy-Duty 7.5 Feet)
 5. Spreader (Hitch Mounted) 350lbs Capacity.
- E.** Bidder shall submit with this bid the latest printed specifications and advertising literature on the truck cab and chassis, front snow plow and spreader.
- F.** Bidder shall submit with this bid written terms and conditions of all standard **and any available optional extended warranty coverage**.
- G.** At time of delivery, vehicles shall conform to all applicable U.S. Department of Transportation and O.S.H.A. regulations.
- H.** Freight of unit, and all associated items (spare tires, manuals, etc.) shall be F.O.B.:
Troy School District
Maintenance & Operations
1140 Rankin
Troy, Michigan 48083
- I.** Pre-build Meeting. After deliveries of chassis/cab to body vendor and during various stages of assemble, bidder agrees to allow the Director of Operations and other Troy School District maintenance personnel to consult with bidder's shop supervisor or equivalent regarding exact placement of various components such as control console, lighting, body steps, and pump, etc.
- J.** Positioning of all controls, levers, switches, lights and accessories shall be determined by the Director of Operations.
- K.** All switches, levers, controls, indicator lights, etc. shall be permanently and clearly labeled with proper functions.
- L. Standard Vehicle Specifications**
- o **Gasoline Engine** – Vortec 6.0L Variable valve timing V8 SFI, 360hp, 5400rpm, 380lb-ft of torque, 4200rpm.
 - o **Transmission** – 6-speed automatic, Heavy-Duty Electronically Controlled with overdrive and tow/haul mode.
 - o **Differential** – Heavy-Duty Automatic Locking Rear.
 - o **Axle** – Rear axle, 3.73 Ratio
 - o **Preferred Equipment Group** – work Truck preferred equipment group includes standard equipment (**Fleet/Non-Retail**) Steering column Tilt-Wheel, Air Conditioning, Radio, etc.
 - o **Wheels** – 16" x 6.5", 8-Lug Painted Steel includes painted center caps and steel spare (Black).
 - o **Tires** – LT245/75R 16E On/Off-Road, Black-wall (plus spare).
 - o **Paint** – Solid 5U Summit White
 - o **Interior** – 88V Dark Titanium

- **Seat Type** – Front 40/20/40 Split-Bench, 3-Passenger, Driver and Front Passenger Manual Reclining with outboard head restraints and center fold-down armrest with storage.
- **Mirrors** – Outside High-Visibility Vertical Camper-style, Black with manual folding and extension and lower convex spotter glass.
- **Snow Plow Prep Package** – 15-amp power for backup and roof emergency light, high-flow front bumper, forward lamp wiring harness.
- **Skid Plate Package** – Frame-mounted shields.
- **Alternator** – 160amps
- **Trailer Equipment** – Heavy-duty trailering hitch platform and 2.5inch receiver with 2" adapter, 7-wire harness. Harness should include wires for: park lamps, backup lamps, right / left turn, electric brake lead, battery and ground with independent fused.
- **Trailer Brake Controller** – Integrated

M. Snow Plow

- 304 Stainless Steel 7'6" straight blade
- Moldboard height minimum 31" tall (no exceptions)
- Four (4) trip springs
- Minimum 1-1/2" x 12" angle cylinders and 2" x 6" lift cylinder (no exception)
- 1/2" x 6" cutting edge
- Quick hitch
- Minimum (9) nine vertical 1/4" ribs with 2" cross tube and 4" formed channel
- Straight blade hand held control
- Dual Halogen bulbs and amber turn signals (no exceptions)
- 2 adjustable plow shoes
- Poly curved snow deflector

N. Tailgate Salt Spreader

- Trynex model mini pro-575 tailgate spreader
- 5.75 cubic feet (350 lb.) capacity
- Heavy-Duty power coated steel frame
- 12 volt dc direct drive mounted in weather tight enclosure
- Welded steel flighting auger with agitator
- 10" steel spinner plate
- 4 to 40 foot spreading width
- Variable speed dial control, with digital status read out and circuit protection
- 2" receiver style mount
- (2) two year warranty on parts and labor

O. Strobe Light Bar

- Star 9200SQ strobe light bar
- Quad flash light bar with amber lens
- Light mounted on top of cab
- On/off switch in cab with in line fuse

Troy School District Bid 9564

<u>Qty</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
1	Vehicle 1: Chevrolet CC7500 or equivalent (Specify_____)	_____	_____
2	Vehicle 2: Chevrolet CC4500 or equivalent (Specify_____)	_____	_____
1	Vehicle 3: Chevrolet Silverado 2500HD or equivalent (Specify_____)	_____	_____

Delivery Charge to:
Troy School District
Maintenance & Operations
1140 Rankin St.
Troy, MI 48083

DEALERSHIP: _____

Address: _____

City: _____ Zip: _____

Phone: _____

Contact: _____

**Troy School District
Dump Trucks
Bid 9564**

Qty	Description	Red Holman Pontiac			Red Holman Pontiac			Wink Chevrolet			Signature Ford		
		Alt	Unit	Total	Alt	Unit	Total	Alt	Unit	Total	Alt	Unit	Total
1	Chevrolet CC7500	GMC C7500	77,838.00	77,838.00	GMC C7500	78,463.00	78,463.00		78,328.00	78,328.00			No Bid
2	Chevrolet CC4500	GMC C4500	57,656.00	115,312.00	GMC C4500	58,983.00	117,966.00		58,741.00	117,482.00	Ford F550	55,771.00	111,542.00
1	Chev Silverado 2500HD	GMC 2500HD	30,175.00	30,175.00	GMC 2500HD	29,759.00	29,759.00	CK20953	31,875.00	31,875.00	Ford F250	28,588.00	28,588.00
	Delivery			223,325.00			226,185.00			227,685.00			140,130.00

Ed Rinke Chevrolet: No Response
 Joe Panian Chevrolet: No Response
 Buff Whelan: No Response
 Gordon Chevrolet: No Response
 Marty Feldman Chevrolet: No Response
 Hamilton Chevrolet: No Response
 Matthews Hargreaves Chevrolet: No Response
 Merollis Chevrolet: No Response