



CITY OF URBANA
Department of Public Works

Public Works Department
706 S. Glover
Urbana, Illinois 61801
(217) 384-2342
FAX (217) 384-2400

Specifications for One (1) Hydrostatic Skid Steer Loader

These detailed specifications shall be construed as a minimum. Should the manufacturer's current published data or specifications exceed these, such standards shall be considered minimum and furnished. All integral parts mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished.

The City of Urbana reserves the right to reject any or all bids, and waive all technicalities deemed in the best interests of the City. The City is not necessarily bound to accept the lowest bid submitted. If the lowest bid is not the best bid of value received for money expended, in the City's opinion, the right is reserved to make awards in the best interest of the City, as determined solely by the judgment of the City of Urbana. In making awards, intangible factors such as bidder's reputation, past performance, access of service, parts availability, and City operator performance evaluation, will be weighed.

The intent of these specifications is to provide the City of Urbana with all necessary equipment and installation of items called out in bid specifications. This equipment shall be fully operational and ready for service when received. All additions, deletions, or modification of items as called out in bid specifications from the manufacturer's regular published specifications must be outlined and attached. Failure to provide all necessary documentation of modifications to manufacturer's published specifications at bid opening shall be construed as an unresponsive bid and such bid shall be rejected.

The unit bid must be a current production model. Models no longer being manufactured are not acceptable. Dealer conversions or a "one of a kind" machine will not be considered.

Bidder shall complete every space under Bidder Proposal column by placing either an "X" to indicate that the item will be furnished exactly as specified, or give a description to indicate any deviations of item being bid from specifications. Any items appearing in the manufacturer's regular published specifications are assumed to be included in the Bidder's Proposal. Any additions, deletions, or variations from these published specifications must be outlined and attached.

The City of Urbana reserved the right to make any desired change to the specifications after same has been put under contract, with the change and price of said change to be added or deducted from the bid contract price. All changes are to be agreed upon in writing between the City of Urbana and the successful bidder before such changes become effective.

**SECTION I
MINIMUM
SPECIFICATIONS**

EQUIPMENT	BIDDER PROPOSAL
GENERAL	1) One (1) new and unused 2012 or 2013 current production model hydrostatic skid steer loader. Acceptable Manufacturers: John Deere Model 318D Case Model SV185 Volvo Model MC85C (or approved equal) _____ Manufacturer _____ Model _____ Year
OVERALL HEIGHT	2) Maximum height to top of cab not to exceed 84 inches (state actual). _____ inches
OPERATING WEIGHT & OPERATING CAPACITY	3A) Maximum operating weight 6500 pounds (state actual). _____ lbs 3B) Rated operating capacity (SAE) minimum of 1750 pounds (state actual). _____ lbs
WHEEL BASE	4) Minimum 40 inches (state actual). _____ inches
OVERALL WIDTH	5) Minimum 63 inches without bucket (state actual). _____ inches
FRAME	6A) Heavy plate steel frame construction. _____ 6B) Tipping load 3500 pounds minimum (state actual). _____ lbs 6C) Dump height 89 inches minimum (state actual). _____ inches 6D) Lift height to hinge pin 118 inches minimum (state actual). _____ inches 6E) Reach with bucket at 45 degree dump angle and full lift height (state actual). _____ inches

NOTE: All minimum specifications above are established using manufacturers standard loader bucket.

ENGINE

7A) Diesel; minimum 58 SAE net horsepower (state actual). _____ H.P.

7B) Liquid cooled rear mounted radiator with ability to separate hydraulic cooler. _____

7C) Anti-freeze protection to -20 degrees F (-29 degrees C). _____

7D) Dry-type dual stage air filter. _____

7E) Pressure lubrication with full-flow oil filter. _____

7F) Engine block heater. _____

7G) Exhaust spark arrestor. _____

STEERING

8) Independent 360 degree counter rotation steering, braking, forward and reverse movement. _____

DRIVE SYSTEM

9A) Hydrostatic incorporating two (2) variable displacement pumps and two (2) fixed displacement drive motors. _____

9B) Mechanical/Hydraulic parking brake. _____

9C) Transmission shall be two (2) speed with a minimum of 5 MPH in low and 11 MPH in high. _____

HYDRAULIC

10) Pump capacity to 26 GPM minimum at 2250 PSI (state actual). _____

10B) Filtration; hydraulic return side. State micron rating. _____ microns

10C) Hydraulic reservoir capacity at four (4) gallon minimum with oil level indicator. Total system capacity 8.5 gallon minimum. _____ reservoir
_____ total system

10D) Full float hydraulic on lift arms with self-leveling bucket. _____

10E) Self-leveling lift action. _____

10F) Auxiliary hydraulics
mounted on lift arms (high flow). _____

10G) Lift cylinder break-out force _____ ft pound
2700 foot pound minimum (state
actual).

10H) Tilt cylinder break-out force _____ ft pound
4700 foot pound minimum (state
actual).

ELECTRICAL

11A) 1 12-volt battery; 750 CCA
minimum (state actual). _____ CCA

11B) Alternator; dust proof type;
70 amp minimum (state actual). _____ amperes

11C) Work type headlamps
mounted to front and rear of cab. _____

11D) Horn. _____

11E) Back-up alarm. _____

CAB

12A) ROPS-FOPS cab. _____

12B) All weather type enclosure
with glass front/side door; rigid.
Factory only, no after-market.
State manufacturer and model. _____

12C) Restraint interlock for
starter and lift cylinders. _____

12D) Operator seatbelt. _____

12E) Heater/ Defroster/Air
Conditioning. _____

12F) Front windshield wiper. _____

12G) Sound deadening package. _____

12H) Tilt cab. _____

12I) ISO hand E-H controls. _____

INSTRUMENTATION	13A) Fuel gauge/indicator (state type).	_____
	13B) Oil pressure gauge/indicator (state type).	_____
	13C) Coolant temperature gauge/indicator (state type).	_____
	13D) Engine hour meter.	_____
	13E) All gauges/indicators to be in-dash and flush mounted.	_____
	13F) AM/FM radio.	_____
TIRES & WHEELS	14A) 12.0 x 16.5, 10 ply, lug tread pneumatic tire. Galaxy Beefy Baby or approved equal.	_____
	14B) One (1) spare tire same as 14A on rim.	_____
PAINT	15) Standard factory color and type.	_____
ATTACHMENT COUPLER	16) Standard factory hydraulic quick-change implement attachment system mounted to loader arms.	_____
LOADER BUCKET	17) Heavy duty dirt bucket with minimum 15.0 cubic foot capacity with dirt and rock teeth; quick coupler attachment mounted to bucket.	_____
MANUALS	18A) One (1) operating manual.	_____
	18B) One (1) shop repair manual	_____
	18C) One (1) electrical wiring diagram if not included in shop repair manual.	_____
	18D) One (1) power train and chassis manual if not included in shop repair manual.	_____

18E) Brochures including detail specifications and pictures of each loader bid submitted with bid proposal.

TRAINING

19A) Dealer to provide full and complete operator training at time of delivery.

19B) Dealer to provide full and complete maintenance procedure training to fleet maintenance personnel by a quality factory trained technician.

**SECTION II
GENERAL
SPECIFICATIONS**

BIDDER PROPOSAL

SAFETY

20) At time of delivery to the City of Urbana Public Works Garage the unit bid must meet or exceed all federal and State of Illinois vehicle and emission standards.

WARRANTY WORK

21A) All factory and dealership warranty guarantees shall be submitted in writing by authorized signature and shall accompany the bidders proposal.

21B) All warranty work shall be performed F.O.B. Urbana, Illinois.

21C) All warranty work shall be performed on unit within three (3) days of request for the warranty work unless other arrangements have been made with the City Fleet Division Manager.

DELIVERY

22) Give the maximum number of days after receipt of purchase order required before delivery to the City of Urbana Public Works Garage.

**SECTION III
SPECIAL CONDITIONS**

BIDDER PROPOSAL

**SERVICE
INFORMATION**

23A) State the approximate total dollar value of parts “on hand” that pertain to the model unit bid herein. _____

23B) State the days and hours that the vendors service facility is open with a certified factory technician on-duty to perform repairs to the model unit bid herein. _____

MISCELLANEOUS PROVISIONS

Freight. For bid purposes, all freight to include delivery to the City of Urbana, Department of Public Works, 706 S. Glover, Urbana, Illinois.

D.O.T. At the time of delivery to the City of Urbana, vehicle must meet or exceed all existing D.O.T. regulations and USEPA emissions standards which are applicable to this type of vehicle.

Within thirty (30) days after bid opening, if so requested, each bidder to supply demonstration unit as similar to bid specifications as practical, for three (3) working days demonstration at no charge to the City of Urbana.

The City of Urbana reserves the right to reject any or all bids, and waive all technicalities deemed in the best interest of the City. The City is not necessarily bound to accept the lowest bid submitted. If the lowest bid is not the best bid, in the City’s opinion, of value received for money expended, the right is reserved to make awards in the best interest of the City, as determined solely by the judgment of the City of Urbana. In making awards, intangible factors such as bidder’s reputations, past performance, access of service, parts availability, and City operator performance evaluation will be weighed.

The City of Urbana reserves the right to make any desired change to the specifications after the same has been put under contract, with the change and the price of said change to be added or deducted from the bid contract price. All changes to be agreed upon in writing between the City of Urbana and the successful bidder.

All bidders must have authorized dealers within a 100-mile radius of Urbana, Illinois, and all responses to bid specification questions must apply to the locations within that radius.

Bidding dealer must stock a reasonable representation of parts for the unit being bid and must employ factory trained and certified mechanics to support bid unit.

Failure to furnish the information requested in this bid form may be cause to consider this bid as responsive.

Vendors are responsible for picking up all trade-in vehicles from the City of Urbana Public Works Department, 706 S. Glover Avenue, Urbana, Illinois.

Preference may be shown to the bids with an earlier delivery schedule. Additionally, in order to assure delivery within the time frame stated by the vendor in the Bidder Proposal, the City may require a late delivery agreement. Such an agreement will include an incremental time based system with a credit to the purchase price (not a penalty) for late delivery. Completion of such an agreement may be a prerequisite for bid award and failure to mutually reach a written agreement a basis for rejection of the bid as unresponsive.

All bids must be good for a minimum of 45 days from date of bid opening.

**SECTION IV
OPTIONAL EQUIPMENT**

*Optional equipment shall be **supplied by or approved by O.E.M.** for use of this specific model. If the optional equipment is not of the same brand as the skid loader, a written letter of compatibility must be provided.*

All attachments will be supplied with detailed specifications and/or brochure.

Deviation from above shall be outlined and attached.

All optional equipment called out shall be supplied complete with manual quick coupler attachment to mate with quick coupler called out in Item #16.

OPTION A One (1) Light Material Bucket _____
with a minimum 27.5 cubic foot
capacity with replaceable bolt on
cutting edge.

OPTION B One (1) Hydraulic Auger _____
complete with quick coupler
attachment and a 36 inch
diameter auger; minimum depth
to 48 inches.

OPTION C One (1) set of Pallet Forks with _____
two (2) 48 inch tines.

OPTION D One (1) Reverse Angling Snow _____
Plow with quick release snow
pusher (Snow Wolf Ultra Fast
Tach) or approved equal with the
following specifications:

- PLOW**
- 1. 96 inch blade width
 - 2. 30 inch blade height

- 3. 800 pounds minimum weight
- 4. 10 (ten) gauge moldboard
- 5. 4 (four) external trip springs
- 6. Angling rams; 2 1/2 x 13 inches, nitro steel
- 7. 6 (six) vertical ribs
- 8. Dual pivot "A" frame
- 9. Oscillating blade
- 10. 14 inch moldboard radius
- 11. Universal Skid Steer compatible
- 12. Crossover relief valve
- 13. 1 1/2 inch urethane cutting edge

PUSHER

- 1. 102 inch overall width
- 2. Upper/Lower cross channels, full width
- 3. Side plate strut; Left/Right
- 4. 0.0375 inch slide plate thickness
- 5. Urethane side plate shoes

For information and pricing please contact:

Mr. Steve Martin, General Manager
Martin Implement Sales, Inc.
18405 115th Avenue
Orland Park, Illinois 60467
gm@martinimplement.com

Office (708) 349-8430

Mobile (708) 502-2747

Fax (708) 349-4230

OPTION E

One (1) Heavy Duty Utility Bucket; 72 inches wide, minimum capacity of 14 cubic feet with replacement bolt on cutting edge.

OPTION F

One (1) Nursery Jaws with hydraulic expanding pivot point to handle a variety of materials.

OPTION G	One (1) Soil Conditioner; 72 inch, direct drive, motor, tungsten-carbide teeth, power angling, rubber wheels, isolator hitch mount and depth changes on the go.	_____
OPTION H	Ride control.	_____
OPTION I	Deluxe heated suspension cloth seat with backrest.	_____

**SECTION V
TRADE-IN OPTION**

The following unit is being considered as trade-in. The City of Urbana will, at its discretion, give for trade the vehicle listed below depending upon the dollar value offered by each bidder. The dollar value, if accepted for trade, will be applied against the total bid cost to determine a net bid cost.

The unit being considered for trade will be sold “as is” with no warranty expressed or implied. It shall also be the successful bidder’s responsibility to remove the unit from the site within 45 days of delivery of the new unit.

The equipment listed below is available for inspection, by appointment only, by contacting Mr. John Collins at (217) 384-2380. Service records may be inspected, by appointment only, by contacting Mr. Larry Fredrick at (217) 384-2379.

2001 Gehl Model G501417 Skidsteer Loader
Diesel, enclosed cab, heater, dirt bucket, light material bucket, 84” power angle snow plow, pallet forks and snow pusher.
Approximately 850 hours

Questions concerning these specifications should be directed to:

Larry Fredrick
Fleet Division Manager
City of Urbana Public Works Department
706 S. Glover Avenue
Urbana, Illinois 61801
(217) 384-2379
FAX (217) 384-2400

BID COST SUMMARY

**BASE UNIT BID
SECTION I & II & III
as per specifications found herein**

\$ _____

BRAND _____

MODEL _____

COMMENTS: _____

**OPTION SUMMARY
SECTION IV**

OPTION A \$ _____

OPTION B \$ _____

OPTION C \$ _____

OPTION D \$ _____

OPTION E \$ _____

OPTION F \$ _____

OPTION G \$ _____

OPTION H \$ _____

OPTION I \$ _____

COMMENTS: _____

