

City of Mt. Pleasant, Michigan

CONTRACT DOCUMENTS

For

HIGH LIFT WHEEL LOADER WITH BUCKET



SHARON TILMANN
Mayor

NANCY RIDLEY
City Manager

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Division of Public Works

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DPW Director

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City of Mt. Pleasant, Michigan

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THE CITY OF
MT. PLEASANT, MICHIGAN

CITY HALL

320 W. Broadway • 48858-2447
(989) 779-5300
(989) 773-4691 fax

PUBLIC SAFETY

804 E. High • 48858-3595
(989) 779-5100
(989) 773-4020 fax

PUBLIC WORKS

1303 N. Franklin • 48858-4682
(989) 779-5400
(989) 772-6250 fax

NOTICE TO BIDDERS

HIGH LIFT WHEEL LOADER WITH BUCKET

The City of Mt. Pleasant, Michigan, is requesting sealed bids at the Office of the City Clerk, City Hall, 320 West Broadway Street, Mt. Pleasant, Michigan 48858, until 1:30 p.m. (local time), on Tuesday, September 16, 2014, at which time and place the bids will be publicly opened and read. All bids shall be submitted in a sealed envelope, plainly marked "HIGH LIFT WHEEL LOADER WITH BUCKET – September 16, 2014". Bidders must include manufacturer's specifications and the City's specifications sheets, indicating ability to comply, with the bid proposal.

Proposals are solicited on a lump sum basis, for the following:

High Lift Wheel Loader with Bucket

No bid deposit or bond is required with this bid.

To view and download the complete bid documents and specifications at no charge, visit the City of Mt. Pleasant website at www.mt-pleasant.org and navigate to the Bids and Quotes page.

The City of Mt. Pleasant reserves the right to accept or reject any or all bids, to waive any irregularities in the bids, and to select the bid considered most advantageous to the city.

Robert Murphy
Street Department Superintendent
(989) 779-5409

Jeremy Howard
City Clerk

City of Mt. Pleasant, Michigan
INSTRUCTIONS TO BIDDERS
FOR MATERIALS

1. **Proposals**

Proposals must be made upon the forms provided, therefore, with the Bid amount both written and shown in figures, and all other data required submitted.

The Proposal, bound together with all Proposal Documents, must be enclosed in a sealed envelope marked as specified in the Notice to Bidders for such Bid and clearly indicating the name and address of the Bidder and must be received by the City Clerk, City Hall, 320 West Broadway Street, Mt. Pleasant, Michigan 48858, no later than the time and date specified in the Notice to Bidders. At such specified time, Proposals shall be publicly opened and read aloud.

2. **Basis of Proposals**

Proposals are solicited on the basis of unit price(s) and/or lump sum(s), as specified on the Proposal form.

The City of Mt. Pleasant, (also referred to as "Owner"), reserves the right to accept any Bid, to reject any or all Bids, and to waive any irregularities in the Bids, and to select the Bid considered most advantageous to the city.

3. **Comparison of Bids**

In comparing Bids, consideration shall be given to the time proposed for completion of the Contract, qualifications of Bidder, price differentials, alternate Proposals for the alternate items listed in the Proposal (if applicable), and any other pertinent factors. **The City of Mt. Pleasant grants a preference to businesses located within the Mt. Pleasant City Limits. The preference given is a differential above the low bid if the low bid is not from a City of Mt. Pleasant bidder. The differential allowed is 3% of the total for bids between \$5,000 and \$9,999 and 2% of the total for bids over \$10,000. The maximum credit allowed is \$1500.00.** The Owner reserves the right to make an award to the Bidder whose Proposal is deemed to be in the best interest of the Owner.

4. **Time**

Time is of the essence in the performance of the Contract, and each Bidder, by submitting a Proposal, certifies his/her acceptance of the time allowed by the Contract for the completion of the work specified.

5. **Indemnification**

The Contractor shall save and hold harmless the city and its employees from and against all claims, damages, losses, or expenses, including attorney's fees, arising out of or resulting from the performance of the work; provided that any such claim, damage, loss or expense is caused in whole or in part by any negligent or willful act of omission of the

contractor, subcontractor, employee, or anyone under their direction. The Contractor shall at his/her own expense, defend any and all such actions and shall pay all attorney's fees, costs, and expenses pertaining thereto.

6. Interpretation of Documents

If any Bidder is in doubt as to the true meaning of any part of the Plans, Specifications or any Contract Document, he/she may submit to the Owner a written request for an interpretation thereof.

Any interpretation made in response to such query shall be made only by Addendum, duly issued, and a copy of such Addendum shall be mailed or duly delivered to each prospective Bidder. The Owner shall not be responsible for any other explanation or interpretation of the Contract Documents.

7. Execution of Bid Proposal

A Bid Proposal which is not signed by the individual making it should have attached thereto a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the person for whom it is signed.

A Bid Proposal, which is signed by a partnership, shall be signed by all of the partners or by an Attorney-in-Fact. If signed by an Attorney-in-Fact, there should be attached to the Bid, a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the partnership and such Power of Attorney shall be signed by all partners of the partnership.

A Bid Proposal, which is signed for a corporation should have the correct corporate name thereof and the signature of the President, or other authorized officer(s) of the corporation, manually written below the corporate name and on the line indicating "By:_____." If such Bid Proposal is manually signed by an officer other than the president of the corporation, a certified copy of the Resolution of the Board of Directors evidencing the authority of such officer(s) to sign the Bid Proposal should be attached thereto. Such Bid Proposal should also bear the attested signature of the Secretary of the corporation and an impression of the corporate seal.

8. Delivery

The successful Bidder shall deliver equipment and/or materials as specified to the City of Mt. Pleasant, Division of Public Works, 1303 N. Franklin Street, Mt. Pleasant, Michigan, 48858, or as specified in the proposal. The proposal amount should include delivery F.O.B. Mt. Pleasant. All equipment, literature, manuals, warranty papers, and any other items listed in the specifications of the equipment or materials, must be delivered before payment in accordance with this contract.

March 23, 2012

City of Mt. Pleasant, Michigan
HIGH LIFT WHEEL LOADER WITH BUCKET

PROPOSAL

TO: Office of the City Clerk
City Hall
320 West Broadway St.
Mt. Pleasant, MI 48858

BID DATE: September 16, 2014
TIME: 1:30 p.m.

In accordance with the specifications and other bid requirements heretofore provided, the undersigned agrees to provide the below listed bid items at the price(s) set forth below. This is a firm bid and not subject to withdrawal or change for a period of sixty (60) days. Please include the specifications sheets with this Proposal.

<u>BID ITEM</u>	<u>QTY</u>	<u>UNIT</u>	<u>PRICE</u>
High Lift Wheel Loader with bucket, per bid specifications	1	EA	\$ _____
TOTAL BID			\$ _____ (figures)

(Written) _____ and ____/100 Dollars.

Estimated delivery date to City of Mt. Pleasant: _____

Respectfully Submitted,
COMPANY: _____ DATE _____

ADDRESS : _____

CITY _____ STATE _____ ZIP+4 _____

TELEPHONE _____ FAX _____

AUTHORIZED SIGNATURE _____

PRINT OR TYPE NAME & TITLE _____

EMAIL _____

City of Mt. Pleasant Michigan
HIGH LIFT WHEEL LOADER WITH BUCKET
GENERAL

Explanations for non-compliance must be provided on a separate sheet and included with the bid proposal. Questions regarding the specifications may be directed to Robert Murphy, Street Department Superintendent, at (989) 779-5409 or 779-5401, or via email to bmurphy@mt-pleasant.org.

Warranty: The manufacturer's warranty for the complete unit shall be submitted in writing with the bid. The warranty shall provide for the replacement of all defective parts during the warranty period. Such replacement shall be performed at no cost to the City.

Penalty: The delivery date shall be agreed upon by both the Bidder and the City of Mt. Pleasant. The bidder shall compensate the City of Mt. Pleasant for any delay in delivery, at \$100 / day for each calendar day the contracted delivery date is exceeded.

SPECIFICATIONS

The City of Mt. Pleasant is accepting bids for the purchase of a new, current production model, high lift wheel loader with bucket. The unit shall be delivered F.O.B. to the City's Division of Public Works building, located at 1303 North Franklin Street, Mt. Pleasant. All advertisements and logos shall be removed before payment will be authorized. Bidders are required to complete this section of the bid by indicating in the provided space if the unit complies with the listed specifications. If product is not the type or model specified, indicate the make and model you are quoting. The equivalence of various models will be determined by the City of Mt. Pleasant. **Bidders must clearly describe all deviations from these specifications, in writing, on a separate sheet. Failure to indicate deviations may be considered grounds for disqualifying a bid. Please include these sheets with your completed Proposal.** Failure to do so will deem the proposal incomplete and will not be considered. The City reserves the right to declare as non-responsive, and reject any incomplete bid if information requested is not furnished, or where indirect or incomplete answers or information is provided. Alterations to the written requirements will negate any response.

MEETS OR EXCEEDS SPECIFICATIONS	YES	NO
Front tires shall be covered with full front and rear fenders		
Counterweight shall be built-in		
Drawbar with a locking pin		
Articulation locking bar (conforms to SAE J276)		
The loader shall have a vandal protection package that includes a lockable engine enclosure and fuel fill		
The loader shall be equipped with hydraulically operated Z-bar attachment (JRB 416) coupler		
The loader shall be equipped with a quick coupler (JRB 416) 3.0 cyd struck 3.5 cyd heaped general purpose 106" wide bucket with reversible bolt-on cutting edge. The loader shall be delivered with two spare cutting edges to match the bucket.		
The loader shall have factory installed Ride Control System		
The loader shall have reinforced articulation joints with double tapered roller bearings		
The loader fuel tank capacity shall be 86 gallons minimum		
The loader operating weight with standard equipment, 20.5R25 radial tires, ROPS cab, 3.5 cyd general purpose bucket with bolt on edge, 175 lb operator and full fuel tank shall be 32,290 lbs minimum		
The loader bucket breakout force shall be 21,625 lbs minimum with manufacturer's standard Z-Bar with pin-on 3.5 cyd pin on bucket and standard configuration		
The loader ground clearance shall be 15" minimum		
The loader shall have height to hinge pin of 13'7" minimum		

MEETS OR EXCEEDS SPECIFICATIONS	YES	NO
The loader shall have a minimum full-turn tipping load of 20,898 lbs. with standard Z-bar and GP 3.0 pin on cyd bucket at 40°		
The loader dump clearance at maximum lift and 45 degree dump shall be 9ft 10in minimum		
The loader reach at 45 degree dump shall be 7ft clearance, 5ft 10in minimum		
There shall be an auto lubrication system installed on the loader at every serviceable joint. The rate of lubrication shall be set prior to delivery. Two (2) five-gallon pails of manufacturer recommended grease shall be delivered with the loader		
The loader engine shall be a six (6) cylinder, turbocharged, charge air to air cooled diesel engine designed and built by the manufacturer		
The loader engine shall be certified to IT4 non-road emission standards		
The loader engine shall be a wet-sleeve cylinder liner design		
The loader engine displacement shall be 6.8 liters (414 cy in.) minimum		
The loader engine shall be rated a net power 167hp @ 2,100 rpm minimum		
The engine rated net peak power 167hp @ 2,100 rpm minimum		
The engine shall have a block heater		
The loader shall have under hood pre-screened air intake to minimize plugging		
The loader engine compartment shall have doors on both sides for full access to service the loader		
The loader shall have a heavy-duty steel fuel tank guard		
The minimum engine service interval for the oil and filter shall be 500 hours		
The loader shall have a 24-volt electrical system with 100 amp alternator		
The loader shall have a proportionally controlled, hydraulically driven, 90 degree-swing out fan		
The loader shall have no stacked coolers		
The loader shall have two-side access to all coolers		
The loader cooling system shall be isolated from the engine compartment		
The loader shall have an integral coolant recovery tank		

MEETS OR EXCEEDS SPECIFICATIONS	YES	NO
The engine fan shall have a protective guard		
The loader fluid levels shall be easily checked by sight gauges or overflow tank from one side		
The loader transmission shall have a torque-converter, power shift transmission with four (4) forward and three (3) reverse gears		
The loader transmission shall be electronically controlled, with adaptive technology with load and speed dependent shift modulation		
The loader shift modes shall be auto or manual, auto to 1st or 2nd, kick down or kick up/down		
The loader transmission clutch calibration shall be employable from the cab monitor and shall have three (3) clutch cut-off settings adjustable on the switch pad		
The service interval for the transmission oil filter shall be 2000 hours minimum		
The loader shall have joy stick mounted F-N-R and gear-select lever control		
The loader shall have a kick-down button on hydraulic lever		
The loader shall have a sight gauge for the transmission fluid from the ground level		
The loader transmission/brakes shall not allow the loader to roll back until the operator selects reverse		
The transmission filter restriction shall be displayed in the cab		
The loader final drives shall be heavy-duty inboard planetary type		
The loader shall have two brake pedals with a switch to allow the left brake pedal to switch between brake neutralizer or brake only function		
The service brake shall be hydraulically actuated, inboard, sun shaft mounted, pressure oil cooled, self-adjusting, single disc sealed from water, mud, and dust contamination		
The parking brake shall be automatic, spring applied, hydraulically released, oil cooled, multi-disc and sealed from water, mud, and dust contamination		
There shall be a light in the dash to alert the operator when the park brake is applied.		
The rear axle oscillation shall be 24 degrees minimum stop to stop		
The dipstick port and fill shall be above the top of the axle		
The front and rear axles shall be hydraulically actuated, disc clutch style, with locking differential for maximum traction when required		
The loader tires shall be 20.5R25 tires with multi-piece rims		

MEETS OR EXCEEDS SPECIFICATIONS	YES	NO
The hydraulic system shall be protected by a vertically mounted spin on filter, with service intervals of 4,000 hours minimum		
The hydraulic system shall be pressure-compensating load-sensing		
The hydraulic tank capacity shall be 32 gallons minimum		
The loader shall have an automatic return-to-dig bucket control		
The loader shall have an in-cab automatic adjustable boom height kick out control		
The loader shall have a three function joystick type control with FNR selector and an auxiliary third function control lever		
The loader shall have an in-cab adjustable automatic boom return to carry control		
The loader hydraulic reservoir shall have an oil level sight gauge		
The loader shall have a hydraulic system oil cooler for continuous running attachments and extreme temperatures		
The hydraulic system shall be powered by a closed-center pressure-compensating variable-displacement axial-piston pump system		
The loader shall have 24-volt with 12 volt converter, 950 CCA battery		
The loader shall have a solid-state electrical power distribution system using circuit board technology and solid-state switches		
The loader shall have a master electric disconnect switch		
The loader cab shall be OEM wired for strobe light		
The loader shall have a sealed in-cab switch module to prevent dirt, dust, and airborne debris from getting into the circuitry		
The loader shall have head lights, turn signals, flashers, stop and tail lights. All lights (excluding head lights) shall be LED-type mounted high up in the rear grill for protection from damage and better sight visibility, and shall have a normal service life equal to the machine		
The loader wiring harness shall be double jacketed with no splices or scotch locks. The harness shall be attached to the loader, keeping it safe from damage		
The loader shall have analog engine coolant temperature, transmission oil temperature, fuel level, hydraulic oil temperature and engine oil pressure gauges		
The loader shall have digital readout for the engine RPM, odometer, transmission gear indicator, speedometer and hour meter		
The loader shall have operator warning lights for the check engine, engine oil pressure, engine air restriction, battery voltage, transmission filter restriction, brake pressure, hydraulic oil filter, fasten seat belt, transmission fault and hydraulic oil temperature		

MEETS OR EXCEEDS SPECIFICATIONS	YES	NO
The loader cab shall have ROPS/FOPS protection and be multiplane isolation mounted for noise/vibration reduction		
The cab shall have continuous and unobstructed glass from roof line to floor		
The loader steering wheel shall be adjustable		
The loader shall be designed so the operator will have 3-point contact at all times		
The cab shall have filtered pressurized air with factory installed air conditioning, heater and defroster		
The cab shall have front and rear intermittent windshield wipers and washers, one (1) inside and two (2) outside rear view mirrors. The rear side windows shall open for ventilation. There shall be a front sun visor and a retractable seat belt.		
The cab shall have a cloth high-back air suspension seat		
The cab shall have a wrist rest for the joystick control		
The cab shall have a rubber floor mat		
The cab shall be equipped with a 10 amp converter with 12-volt power port		
The cab shall be equipped with an AM/FM radio and sound suppression headliner		
The loader shall have a minimum five (5) year, 7500 hour Powertrain warranty that covers the entire unit for one-year, excluding consumable items such as fuel and oils		
All warranties and registrations of the warranties shall be the responsibility of the successful bidder to submit to the specific manufacturer		
The warranty shall start when the loader is placed in service by the City of Mt. Pleasant following completion of all punch list items and full payment is released		
Operation and maintenance training shall be provided to the City employees at the City of Mt. Pleasant - Division of Public Works building on the date agreed to by both parties by an authorized manufacturer's representative		
Training shall include the operators and the mechanics in separate classes		
The training shall cover the successful bidder's specific equipment		
The operators shall be sufficiently trained to perform this equipment's daily maintenance routines and inspections		
The operators shall be sufficiently trained to operate this equipment to the manufacturer's recommended minimum level of safety and proficiency		
The maintenance training shall cover maintenance procedures and methods to a minimum acceptable level of proficiency to satisfy the equipment manufacturer's routine maintenance standards		

MEETS OR EXCEEDS SPECIFICATIONS	YES	NO
The maintenance training shall cover routine adjustments and repairs to a minimum acceptable level of proficiency of the successful manufacturer		
One (1) set of Operators, Repair and Parts manuals shall be provided for the mechanic upon delivery of the loader		