

City of Mt. Pleasant, Michigan

# CONTRACT DOCUMENTS

For

**CAB & CHASSIS BID**



**JIM HOLTON**  
Mayor

**NANCY RIDLEY**  
City Manager

Prepared By:  
Division of Public Works

**JOHN ZANG**  
DPW Director

**SEPTEMBER 2015**

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

### CAB & CHASSIS BID

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 29, 2015, at which time and place the bids will be publicly opened and read. All bids shall be submitted in a sealed envelope, plainly marked "CAB & CHASSIS BID– September 29, 2015". 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:

One (1) 2015 or 2016 model cab and chassis, per bid specifications

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](http://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.

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March 23, 2012

City of Mt. Pleasant, Michigan  
**CAB & CHASSIS BID**

**PROPOSAL**

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

BID DATE: September 29, 2015  
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.

<b><u>BID ITEM</u></b>	<b><u>QTY</u></b>	<b><u>UNIT</u></b>	<b><u>PRICE</u></b>
Cab & chassis, per bid specifications	1	EA	\$ _____
<b>TOTAL BID, DELIVERED</b>			<b>\$ _____</b> (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

**CAB & CHASSIS BID  
GENERAL**

For purposes of bidding, the specifications are based on the International model 7400 SFA 4x2 cab and chassis. **However, the City of Mt. Pleasant will consider all manufacturers as long as the model meets or exceeds the specifications indicated in this bid.**

Cab and chassis shall be a new 2015 or 2016 model. Please indicate which model year you are bidding.

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](mailto: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.

City of Mt. Pleasant, Michigan  
Cab and Chassis Bid

**SPECIFICATIONS**

The City of Mt. Pleasant is accepting bids for the purchase of a new, previously untitled 2015 or 2016 model cab and chassis. The unit shall be delivered 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. Specifications are based on a 2016 International 7400 SFA 4 x 2, **but the City will consider bids of all makes**. Bidders are required to complete this section of the bid by indicating in the provided space if the unit complies with the listed specifications. 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.

SPECIFICATIONS	MEET OR EXCEED	
	YES	NO
Base chassis, model 7400 SFA 4x2 with 183.00 wheelbase, 108.00 CA, and 63.00 Axle to Frame, GVWR 35,000 lbs.		
Tow hook, front (2) frame-mounted		
Frame rails, heat treated steel (120,000 PSI yield); 10.866" x 3.622" x 0.433"; 456.0" maximum OAL.		
Frame extension, front integral; 20" in front of grille		
Cross member, front for hydraulic pump, mounting flange to accommodate pump		
Axle, front non-driving (Meritor MFS-14-143A) wide-track, I-beam type, 14,000-lb capacity		
Axle, Rear, Single: Meritor RS-23-160 single reduction, 23,000-lb capacity, 200 wheel ends, driver-controlled locking differential gear ratio: 6:43		
Engine: MaxxForce DT, EPA 2010, 270 HP @ 2200 RPM, 860 lb-ft torque @ 1300 RPM, 2400 RPM governed speed, 270 peak HP (max)		
Transmission: Automatic, Allison 3500, 5 <sup>th</sup> generation controls; wide-ratio, 6-speed, with double overdrive; on/off highway; includes oil level sensor, with PTO provision, less retarder, with 80,000-lb GVW and GCW maximum		
Springs, front auxiliary rubber		
Suspension, front, spring parabolic, taper leaf, 14,000-lb capacity with shock absorbers		
Includes: Spring pins rubber bushings, maintenance-free		



Brake System: Air dual system for straight truck applications		
Includes: Brake lines color and size-coded nylon Drain valve, twist-type Dust shields, front and rear brakes Gauge, air pressure (2) air 1 and 2 gauges, located in instrument cluster Parking brake control, yellow knob, located on instrument panel Parking brake valve for truck Quick release valve, Bendix on rear axle for spring brake release, one (1) for 4x2 Slack adjusters, front and rear automatic Spring brake modulator valve R-7 for 4x2		
Drain valve (Berg) manual, with pull chain, for air tank		
Includes: Drain valve mounted in wet tank		
Air brake ABS (Bendix antilock brake system), full vehicle wheel control system (4-channel)		
Air dryer: Bendix AD-9 with heater		
Include: Air dryer location inside left rail, back of cab		
Brake chambers, front axle (Haldex) 20 Sq. In.		
Brake chambers, rear axle (Haldex GC3030LHDHO) 30/30 spring brake		
Includes: Brake chambers, spring (2) rear parking, with truck brakes		
Brakes, front, air cam S-cam, 16.5" x 5.0", includes 20 Sq. In. long stroke brake chambers		
Brakes, rear, air cam S-cam, 16.5" x 7.0", includes 30/30 Sq. In. long stroke brake chamber and spring actuated parking brake		
Air compressor (Bendix Tu-Flo 550) 13.2 CFM capacity		
Air tank location (2): two mounted under-cab, outside left rail, on step bracket with 24" ground clearance		
Steering column, tilting		
Steering gear (Sheppard M-100) power		
Exhaust system, single, horizontal, aftertreatment device frame mounted passenger side - outside right rail under cab, includes vertical tail pipe and guard		
Includes: Exhaust height 10' exhaust height – based on empty chassis with standard components (+ or – 1" in height) Muffler/tail pipe guard, non-bright finish		
Tail pipe, (1) turnback style, non-bright, for single exhaust		
Switch, for exhaust 2 position, lighted and latching, ON/OFF type, mounted in IP, inhibits diesel particulate filter regeneration as long as switch is in ON position		

<p>Electrical system, 12-Volt, standard equipment</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>Auxiliary switches for snowplow lights</li> <li>4-6 extra switches in dash (switchpad)</li> <li>Battery box, steel with plastic lid</li> <li>Data link connector for vehicle programming and diagnostics in cab</li> <li>Fuses, electrical SAE blade-type</li> <li>Hazard switch push on/off, located on top of steering column cover</li> <li>Headlight dimmer switch, integral with turn signal lever</li> <li>Headlights (2) sealed beam, rounds, with chrome-plated bezels</li> <li>Jump start stud, located on positive terminal of outermost battery</li> <li>Parking light, integral with front turn signal and rear tail light</li> <li>Running light (2) daytime, included with headlights</li> <li>Starter switch, electric, key operated</li> <li>Stop, turn, tail and B/U lights dual, rear, combination with reflector</li> <li>Turn signal switch, self-cancelling</li> <li>Windshield wiper switch, 2-speed with wash and intermittent feature (5 pre-set delays), integral with turn signal lever</li> <li>Windshield wipers, single motor, electric, cowl mounted</li> <li>Wiring, chassis, color coded and continuously numbered</li> </ul>		
<p>Windshield wiper speed control, force wipers to slowest intermittent speed when park brake set and wipers left on for a predetermined time</p>		
<p>Alternator (Leece-Neville AVI160P2013) brush type, 12-Volt, 160 Amp capacity, pad mount, with remote sense</p>		
<p>Body builder wiring, back of standard cab at left frame or under extended or crew cab at left frame, includes sealed connectors for tail/amber turn/marker/backup/accessory power/ground and sealed connector for stop/turn</p>		
<p>Battery system (International) maintenance-free, (3) 12-Volt 195CCA total</p>		
<p>Battery box, steel, with fiberglass cover, mounted 35" back of cab, right side perpendicular to frame rail</p>		
<p>Two-way radio wiring effects; wiring with 2 amp fuse protection, includes ignition wire with 5 Amp fuse, wire ends heat shrink and routed to center header console in cab</p>		
<p>Back-up alarm electric, 102 dBA</p>		
<p>Auxiliary harness 3.0' for auxiliary front head lights and turn signals for front plow applications</p>		
<p>Horn, standard</p>		
<p>Switch, body circuits, mid for bodybuilder, 6 momentary switches in instruments panel, one power module with 6 channels, 20 amp max per channel, 80 amp max output, switches control power module through multiplex wiring, mounted in cab behind driver seat</p>		
<p>Jump start stud remote mounted, includes jump start stud mounted to battery box</p>		
<p>Headlights, long-life Halogen, for two-light system</p>		

Headlights on with wipers, headlights will automatically turn on if windshield wipers are turned on		
Clearance/marker lights (5) (Truck Lite) amber LED lights, flush mounted on cab or sunshade		
Test exterior lights, pre-trip inspection will cycle all exterior lamps except back-up lights		
Starting motor, Delco Remy 38MT type 300, 12 Volt, less thermal over-crank protection		
Indicator, low coolant level with audible alarm		
Alarm, parking brake, electric horn sounds in repetitive manner when vehicle park brake is NOT set with ignition off and any door open		
Circuit breakers, manual reset (main panel), SAE Type III with trip indicators, replaces all fuses except for 5-Amp fuses		
Turn signals, front LED, includes LED side marker lights, mounted on fender		
Fender extensions, rubber		
Hood, hatch (01) for servicing		
Insulation under hood for sound abatement		
Grille, stationary, chrome		
Insulation, splash panels for sound abatement		
Bug screen, front-end, mounted behind grille		
Front-end tilting, fiberglass, with three-piece construction, for 2007 & 2010 emissions		
Paint – Yellow		
Paint type base coat/clear coat, 1-2 tone		
24" Ground Clearance		
PTO effects, engine front, less PTO unit, includes adapter plate on engine front mounted		

<p>Engine, diesel, MaxxForce DT, EPA 2010, 270HP @ 2200 RPM, 860 lb-ft torque @ 1300 RPM, 2400 RPM governed speed, 270 peak HP max</p> <p>Includes:  Air compressor air supply line, naturally aspirated  Anti-freeze extended-life coolant, -40° F  Cold starting equipment, intake manifold electric grid heater with engine ECM control  Cruise control, electronic, controls integral to steering wheel  Engine oil drain plug, magnetic  Engine shutdown, electric, key operated  Fuel filter, included with fuel/water separator  Fuel/water separator, fuel/water separator and fuel filter in a single assembly, with water-in-fuel sensor, engine mounted  Governor, electronic  Oil filter, engine spin-on type  Wet type cylinder sleeves</p>		
<p>Fan drive, Borg-Warner SA85, viscous type, screw on, includes fan nylon</p>		
<p>Radiator, aluminum, cross flow, series system, 1228 Sq. In. core, 648 spin charge air cooler, and 342 Sq. In. low temperature radiator</p> <p>Includes:  Deaeration system with surge tank  Hose clamps, radiator hoses Gates shrink-band type, thermoplastic coolant hose clamps  Radiator hoses, premium rubber</p>		
<p>Federal emissions EPA, OBD and GHG certified for calendar year 2015, MaxxForce DT engine</p>		
<p>Air cleaner, dual element; Includes: Gauge, air cleaner restriction air cleaner mounted</p>		
<p>Throttle, hand control engine speed control, electronic, stationary, variable speed, mounted on steering wheel</p>		
<p>Engine control, remote mounted, includes: wiring for body builder installation of PTO controls, with ignition switch control for MaxxForce and Navistar post 2007 emissions electronic engines.</p>		
<p>Block heater, engine, Phillips, 120 V, 1250 Watt, with “Y” cord from socket in standard location, for a dealer-installed oil pan heater, with extended life coated metal/plastic/metal material oil pan</p>		
<p>Emission compliance – Federal. Non-Californian.</p>		
<p>Transmission, automatic (Allison 3500 RDS P), 5<sup>th</sup> generation controls, wide ratio, 6-speed with double overdrive, on/off highway, includes oil level sensor with PTO provision, less retarder, with 80,000-lb GVW and GCW maximum.</p>		
<p>Oil cooler, auto transmission (Modine), water to oil, for Allison or CEEMAT transmission</p>		
<p>Transmission shift control (Allison), push-button shifter or T-handle shifter, minimum height on shifter to be 6” or have the capacity to be extended (standard size T-handle is too short), for Allison 3000 and 4000 series transmissions</p>		

Shift control parameters, Allison S-1 performance programming in primary and Allison fixed programming in secondary		
Transmission oil, synthetic, 29-42 pints		
Allison spare input/output for Rugged Duty Series (RDS) general purpose trucks, construction		
Axle, rear, single (Meritor RS-23-160), single reduction, 23,000-lb capacity, 200 wheel ends, driver controlled locking differential, gear ratio 6:43, includes: Rear axle drain plug (1), magnetic, for single rear axle		
Suspension, RR, spring, single vari-rate, 23,500-lb capacity, with 4500-lb auxiliary rubber spring		
Shock absorbers, rear (2)		
Fuel/water separator with filter restriction/change indicator, includes standard equipment water-in-fuel sensor		
Fuel tank temporary, top-draw, D-style, non-polished aluminum, 16" tank depth, 50 U.S. gallons, 189 L capacity, with quick connect outlet, mounted left side back of cab		
Cab, conventional, includes: Arm rest (2), cup holders (2) Dome light – door activated and push on/off at light lens, timed theater dimming, integral to console Glass – all windows tinted Grab handle (1), cab exterior – "A" pillar mounted, passenger side Grab handle (2), front of "B" pillar, mounted, one on each side Interior sheet metal, upper door (above window ledge), painted exterior color, Steps (4), two steps per door		
Gauge cluster, English with English electronic speedometer Includes: Gauge cluster (6) engine oil pressure (electronic), water temperature (electronic), fuel (electronic), tachometer (electronic), voltmeter, washer fluid level. Odometer display, miles, trip miles, engine hours, trip hours, fault code readout Water system, low fuel, low oil pressure, high engine coolant temperature, and low battery voltage (visual and audible)		
Gauge, oil temperature, Allison transmission		
Gauge, air cleaner restriction (filter-minder), mounted in instrument panel		
IP cluster display, on-board diagnostics display of fault codes in gauge cluster		
Seat, driver (National 2000), air suspension, high back with integral headrest, vinyl, isolator, one (1) chamber lumbar, with two (2) position front cushion adjust, -3 to +14 degree angle back adjust, includes: seat belt, 3-point, lab and shoulder belt type		
Grab handle, chrome, towel bar type, with anti-slip rubber inserts, for cab entry mounted left side only at "B" pillar		
Mirrors (2), rectangular, integral convex both sides, breakaway type, black heads, brackets and arms		
Arm rest, right, driver seat		

Air conditioner, with integral heater and defroster Includes: Heater hoses, premium Refrigerant, HFC-134A		
HVAC fresh air filter		
Cab sound insulation, includes dash insulator and engine cover insulator		
Instrument panel, center section, flat panel		
Storage pocket, door, molded plastic, full width, mounted on passenger door		
Cab interior, includes: "A" Pillar cover, molded plastic Cab interior trim panels, cloth covered molded plastic, full height, all interior sheet metal is covered Console, overhead molded plastic, with dual storage pockets with retainer nets and CB radio pocket Door trim panels, molded plastic, driver and passenger doors Floor covering, rubber, black Headliner, soft padded cloth Instrument panel trim, molded plastic and black center section Storage pocket, door (1) molded plastic, full-length, driver door Sun visor (2), padded vinyl with driver side toll ticket strap, integral to console		
Cab, rear suspension, air-bag type		
Wheels, front, disc, 22.5" painted steel, 5-hand hole, 10-stud hub piloted, flanged nut, metric mount, 8.25 DC rims, with .472" thick increased capacity disc and steel hubs, with compatible size steering tires		
Tires: Rear/drive tires, four (4) 11R22.5 HDO Continental, load range G, 14-ply		
Auto traction chains (2) – dealer installed		
Warranty, standard for WorkStar 7300/7400		