

VILLAGE OF BROCKPORT
VILLAGE BOARD - MEETING AGENDA
Tuesday, July 10, 2012 7:00pm
Location: Village Hall conference room

Excused: Trustee Blair

- **CALL TO ORDER / PLEDGE:** please silence cell phones & electronic devices & refrain from texting
- **MOMENT OF SILENCE:** to honor those that serve our Country, enforce our laws, & respond to emergencies
- **MISSION STATEMENT:** "To provide a high quality of life for all residents, exercising fiscal responsibility and preserving Brockport's unique heritage and historic character."

- **OATH OF OFFICE:** swearing in of William G. Andrews & Margaret B. Blackman as Trustees

- **PUBLIC COMMENT:** 5 minute limit per person / state name & address for record & speak directly to entire Board / share if this is a prepared statement & submit hard copy to Clerk after reading (& electronically next day)

- **GUESTS:**
 - Eduardo Galan – peddling & soliciting application – taco & enchilada stand at 11 N. Main St to 12/31

- **CONSENSUS ITEMS:**
 - Approval of minutes – 6/26
 - Approval of bills to be paid

- **CLERK REPORT:**
 - Clerk – Leslie Ann Morelli
 -

- **PERSONNEL ITEMS:**
 - Welcome Center membership adds

- **OLD BUSINESS:**
 - Historic Preservation Bd - upper loft apartments feasibility study – downtown historic commercial district – authorize grant application through NYS Consolidated Funding Application system for partial subsidies & authorize Village Attorney to proceed to arrange for tax abatement provisions

- **NEW BUSINESS:**
 - Bid Results – One (1) New 2012 Backhoe/Loader

- **VILLAGE BOARD REPORTS:**
 - Mayor Maria Connie Castañeda
 -
 - Trustee William G. Andrews
 -
 - Trustee Margaret B. Blackman
 -
 - Trustee Kent R. Blair (excused)
 -
 - Trustee Carol L. Hannan
 -

- **EXECUTIVE SESSION** (if needed)

- **ADJOURNMENT**

Upcoming:

- 7pm Tuesday, 7/24 – Village Board meeting (organizational)
- 7pm Tuesday, 8/7 – Village Board work session

GUIDELINES FOR PUBLIC COMMENT:

The public shall be allowed to speak only during the public comment period of the meeting or at such time as recognized by the presiding officer.

- Speakers must be visible.
- Speakers must give their name, address and organization, if any.
- Speakers must be recognized by the presiding officer.
- Speakers must limit their remarks to (5) five minutes on a given topic or extended if recognized by the presiding officer.
- Board members may, with the permission of the Mayor, interrupt a speaker during their remarks, but only for the purpose of clarification or information.
- All remarks shall be addressed to the Board as a body and not to any member thereof.
- Speakers shall observe the commonly accepted rules of courtesy, decorum, dignity and good taste.
- Interested parties or their representatives may address the Board by written communications in the event of creating a hardship to attend the meeting personally.

VILLAGE OF BROCKPORT
HAWKING-PEDDLING APPLICATION

Date of Application: 6/15/12

Fee submitted: To Comy \$250

Date scheduled on Village Board agenda: 6/20/12

Note: Applicant must attend Village Board meeting.

BUSINESS or ORGANIZATION: TAQUERIA MONTE ALBAN

PERSON(S) IN CHARGE: DONATO ROSARIO

ADDRESS: 6 Sweden Lane, Brockport, NY 14420

TELEPHONE: (585) 637-3605 FAX: (585) 637-8627

E-MAIL: Egolan @ Rochester. RR. Com

LICENSE TO COVER DATES FROM: June 30/12 to Dec - 31/12

TIME OF DAY FROM: 5 PM to 3⁰⁰ AM.

• Products to be sold or for which orders are to be solicited: TACOS
and ENCHILADONS

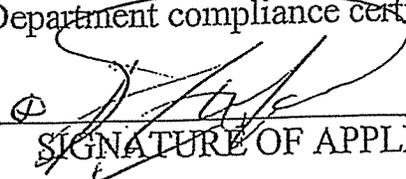
• Items / publications to be distributed: _____

• Nature of other solicitation: _____

Vehicle to be used (if any): Year _____ Make _____ Model _____
State of Registry _____ Plate # _____

Mobile food units:
Must attach State and County Health Department compliance certificate(s).

the location will be
11 N. Main St
Brockport, NY 14420


SIGNATURE OF APPLICANT



VILLAGE OF BROCKPORT

49 State Street · Brockport, New York 14420
Telephone (585) 637-5300 · Fax (585) 637-1045
Website: www.brockportny.org

*The Victorian Village on the Erie Canal
Preserve America Community
Listed on the State and National Registers of Historic Places
Certified Local Government
Tree City USA Community
Erie Canalway Heritage Award of Excellence*

June 27, 2012

Mr. Eduardo Galan
6 Sweden Lane
Brockport, NY 14420

Via e-mail: egalan@rochester.rr.com

Dear Mr. Galan:

Please let this serve as follow up to your appearance before the Village Board at our June 26th meeting regarding your peddling and soliciting application for a taco and enchilada stand on your property at 11 N. Main Street to December 31st.

The Board is willing to further consider your application at either the 7pm Tuesday, July 10th or July 24th meeting in the conference room at Village Hall. If you could submit the following to the Village Clerk by the close of business Monday, 7/2, she can include it in the Board packet for 7/10 or by Noon Wednesday, 7/18, she can include it in the Board packet for 7/24:

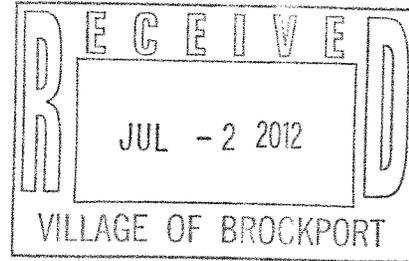
- a simple written business plan
- a simple map of the property with concession stand, drive, parking, any outdoor tables and chairs drawn on it
- a rendering and photo of the concession stand
- Health Department certificate for the concession stand
- anything else you believe would be of benefit to provide to answer any questions or concerns

Thank you.

Sincerely,

Maria Connie Castañeda,
Mayor
Village of Brockport

Xc: Village Board / Village Attorney / Department Heads



Eduardo Galan
6 Sweden Lane
Brockport, NY 14420
Phone: (585) 637-3605
Fax: (585) 637-8627

June 28, 2012

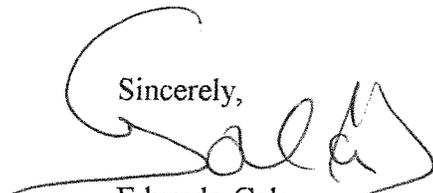
Village of Brockport
Attn: Village Clerk
49 State Street
Brockport, NY 14420

Business Plan for: A Taco & Enchilada Stand on my property @ 11 N. Main Street,
Brockport, NY 14420

Projection of Sales: 1,000 Tacos/ Enchiladas per day, with approximant revenue of
\$5,687.00 after expenses. If the income continues we will see the possibility of building a
permanent building after six Months.

Enclosed; a simple map of the property, photo of the concession stand, and Health Dept.
certificate for the concession stand.

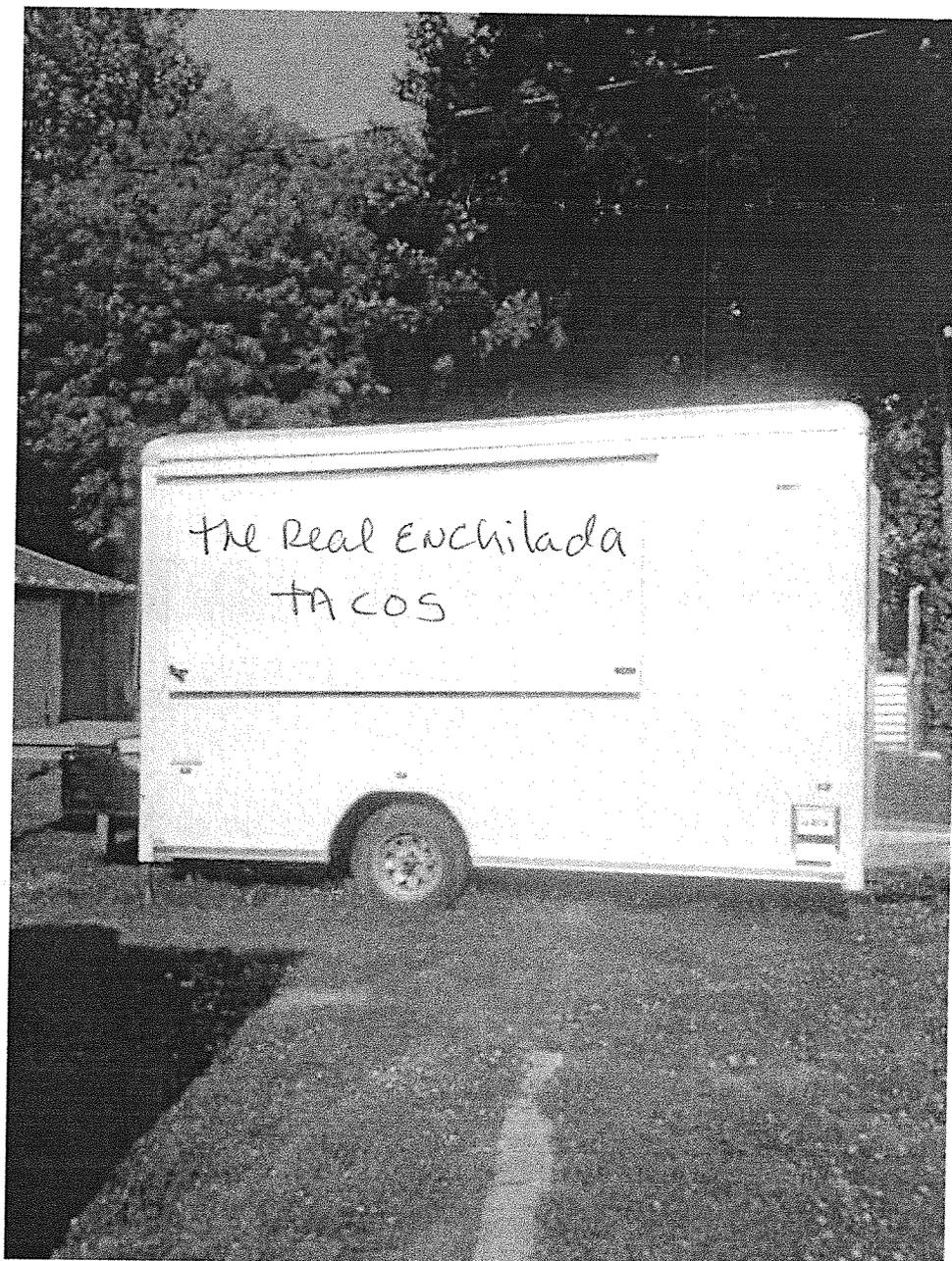
Sincerely,



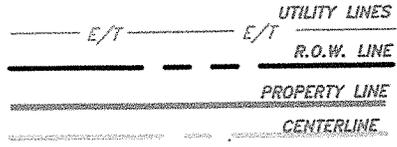
Eduardo Galan

Eduardo Galan

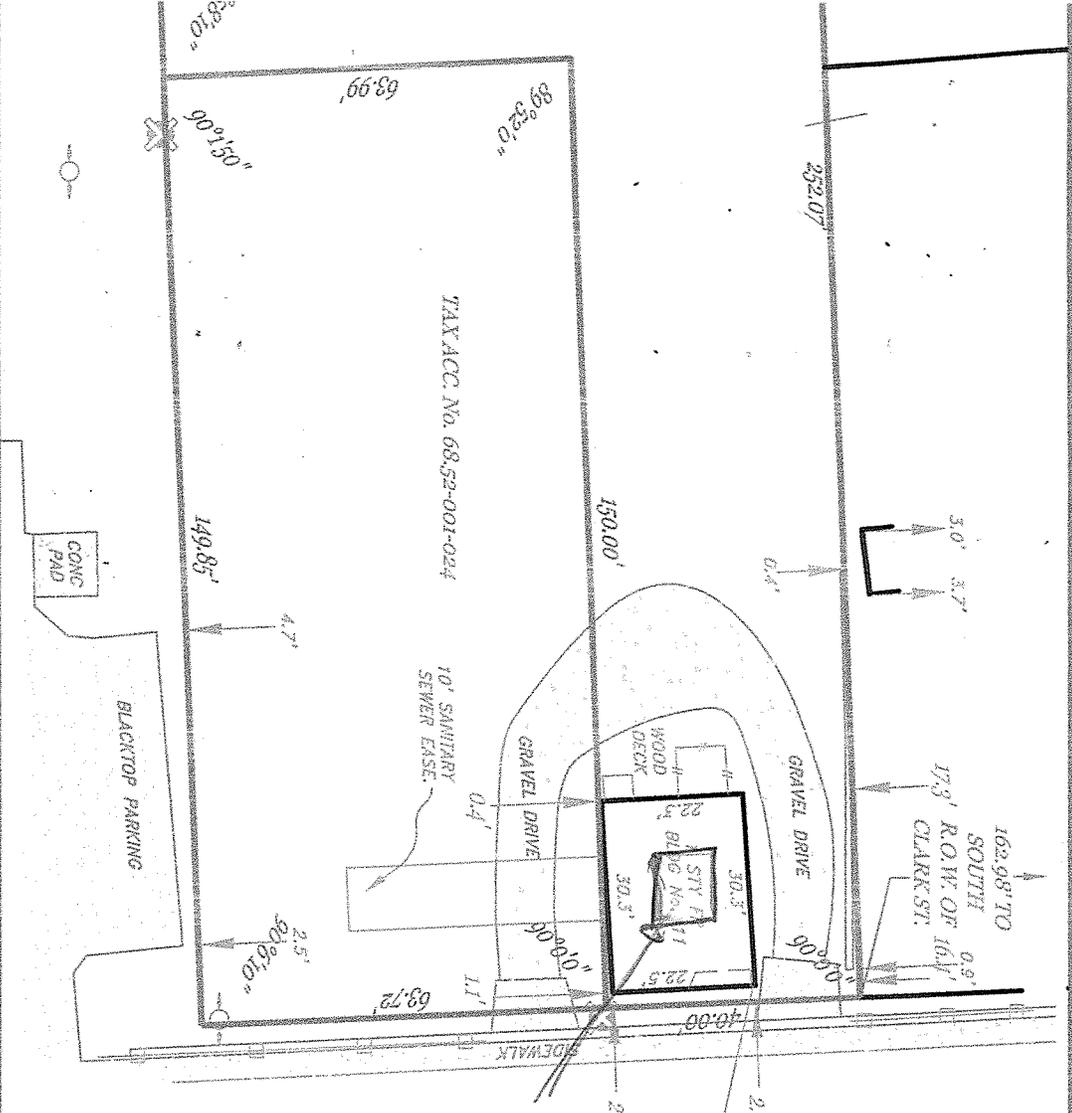
From: <5857348187@vzwpix.com>
To: <egalan@rochester.rr.com>
Sent: Thursday, June 28, 2012 5:34 PM
Attach: No Name_1.txt; 062812170832.jpg
Subject: FWD:
La enchilada



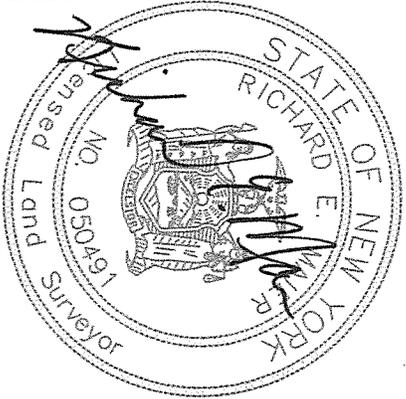
DRILL HOLE
 UTILITY POLE



"CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE N.Y.S. STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND THE LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."
 "COPIES OF THE ORIGINAL OF THIS MAP NOT MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED OR EMBOSSED SEAL SHALL NOT BE CONSIDERED A VALID TRUE COPY."
 "UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW."
 "COPYRIGHT 2004" MAIER LAND SURVEYING ALL RIGHTS RESERVED UNAUTHORIZED DUPLICATION IS A VIOLATION OF ALL APPLICABLE LAWS



NORTH MAIN ST. (66' WIDE)



MAP OF SURVEY SHOWING:
 LANDS OF
EDWARD FUERER & SONS
 SITUATED IN PART OF
 TOWN LOT 10, TOWNSHIP 3, SECTION 8
 VILLAGE OF BROCKPORT
 MONROE COUNTY STATE OF NEW YORK

MAIER
 LAND SURVEYING
 RICHARD E. MAIER, P.L.S.
 PROFESSIONAL LAND SURVEYOR
 183 HUFFER ROAD
 HILTON, NEW YORK 14468
 (585) 392-6134
 FAX (585) 392-0374

SCALE: 1" = 30' | DATE: 4/27/04 | JOB NO.: 04_0057 | T.M. NO.: 68.52-1-23/24

NAME: JUDY WALDORF *Judy Waldorf*

ADDRESS: 340 CAMPBELL RD

TELEPHONE: HOME: 637-5895 WORK:

FAX: E-MAIL: mad311@qubo.com

LENGTH OF RESIDENCY IN VILLAGE OR AT CURRENT ADDRESS: 45 yrs

BOARD / COMMITTEE POSITION INTERESTED IN: Canalfront Greeter

EDUCATION: Master Instructional Design

SKILLS OR EXPERIENCES YOU WOULD LIKE TO CONTRIBUTE:

Training / Documentation
Computer skills

SHORT STATEMENT ON REASON(S) FOR YOUR INTEREST IN THIS POSITION AND WHAT YOU HOPE TO LEARN OR ACCOMPLISH:

Interested in becoming more
involved in community.

Continue on back if necessary.

Feel free to attach a resume if you have one.

SIGNATURE: Judy Waldorf DATE: 6/29/12

OK
JSA
7/2/12



VILLAGE OF BROCKPORT

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Telephone (585) 637-5300 · Fax (585) 637-1045
Website: www.brockportny.org

The Victorian Village on the Erie Canal
Preserve America Community
Listed on the State and National Registers of Historic Places
Certified Local Government
Tree City USA Community
Erie Canalway Heritage Award of Excellence

July 2, 2012

To: Brockport Village Board
From: Bill Andrews, chair
Historic Preservation Board

The architectural-study portion of our loft apartments feasibility study is nearing completion and the owners of the properties listed below in our historic commercial district have expressed the wish to continue to participate in the program by exploring the possibility of creating loft apartments or similar upgraded spaces in their buildings. Therefore, on behalf of the Historic Preservation Board, I hereby ask the Village Board to instruct the Village Attorney to proceed to arrange for tax abatement provisions at the Village, Town, School District, and County levels for eligible participants in the study as it agreed to do in authorizing the application for the funding that financed this project.

Thank you. The eligible properties are:

60 Clinton Street
73 Main Street
71 Main Street
17 Market Street
14 Market Street
46-50 Main Street
84-88 Main Street
78 Main Street
82 Main Street

At the same time, we have initiated the fourth phase of this project, which is to seek outside grants to subsidize the costs of the necessary conversions. A draft copy of the Village Board resolution that must accompany the application is attached.

RESOLVED

THAT the Historic Preservation Board of the Village of Brockport is hereby authorized to apply for a grant through the New York State Consolidated Funding Application system to finance partial subsidies for upgrading upper-floor space in eligible buildings in the historic commercial district of the Village for use as loft apartments or other appropriate purposes. It is understood that this entails no financial commitment by the Village other than modest in-kind support to administer any grants received.



NOTICE TO BIDDERS VILLAGE OF BROCKPORT Department of Public Works

June 14, 2012

NOTICE TO BIDDERS

Please take notice that the Village of Brockport Water Department desires to purchase, and will receive sealed bids for:

One (1) New 2012 Backhoe/Loader

Detailed specifications and bidding documents are available at the Brockport Village Hall, 49 State Street, Brockport New York 14420 and on the Villages website www.brockportny.org. Potential bidders may pick up or print out specifications and bidding documents there or may request to have them mailed by calling (585) 637-1043.

Sealed bids will be received by the Brockport Village Clerk, 49 State Street Brockport New York 14420 until **2:00 P.M. on Monday, July 9th, 2012**, at which time they will be publicly opened and read.

The Board of Trustees of the Village of Brockport reserves the right to reject any or all bids.

Harry Donahue
Superintendent



4610 East Saile Dr | Batavia, NY 14020 | 585.815.6200

July 6, 2012

Village of Brockport
49 State Street
Brockport, New York 14420

Village Board Village of Brockport:

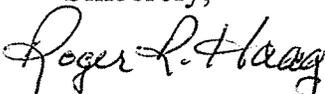
We are pleased to submit this bid for one new 2012 Caterpillar 420F IT backhoe loader. Bid pricing as follows;

- New 2012 Caterpillar 420F IT backhoe loader ----- \$93,711.00
- Trade allowance for a 2009 Caterpillar 420E ST backhoe loader --- \$70,000.00
- Net trade price, delivered ----- \$23,711.00

Warranty – One year with unlimited hours with no additional time or mileage charges regardless of where the warranty work is preformed.

If you have any question regarding the Caterpillar 420F IT backhoe loader, please contact me at your convience.

Thank you for the continuing opportunity to service the Village of Brockport's equipment needs.

Sincerely,

Roger R. Haag
Governmental Sales

BID SPECIFICATION FOR ONE NEW 2012 BACKHOE LOADER

Compliant?

BASIC SPECIFICATIONS

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe to have a minimum digging depth of 17' 10" with extendable stick extended. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be turbocharged with a minimum net horsepower of 98 at 1800 rpm per SAE J1349. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Height to the top of the cab to be a maximum of 9 ft 3 in. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Overall transport height not to exceed 11 ft 11 in. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a minimum wheelbase of 87". |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine overall transport width not to exceed 91". |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine weight when equipped per bid specs not to exceed 18,800 lbs. |

ENGINE

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be manufactured by the backhoe manufacturer. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be protected to a minimum -34 degrees F with extended life antifreeze that needs not to be replaced for 5 years. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine cooling fan to have a heavy-duty guard that fully prevents human contact while in operation. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Radiator to have a heavy-duty rubber guard to resist continued impact at low speeds. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Coolant circulation to be provided by a gear-driven water pump, not solely belt driven. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be equipped with an alternator that has a charging capacity of minimum 120 amperes. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine shall be equipped with two maintenance-free 880 CCA batteries. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be equipped with a 12-volt direct-electric starting and charging system. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have an internally-mounted, dry type, radial-seal, combined replaceable air cleaner and precleaner unit with an air service indicator to monitor air filter condition. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine air filter to have an automatic integrated dust ejection system that prevents more than 95% of the contaminants from embedding in the filter media. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have a water/sediment bowl and spin-on type replaceable filter in the fuel system, with water separator service indicator light. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have variable-speed, hand and foot throttles. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have a full flow spin-on type oil filter that is vertically mounted below the crankshaft centerline. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have replaceable valve guides and valve seats for extended service life. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to come with glow plug starting aid for cold weather operation without using ether. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Net peak torque at 1400 rpm to be a minimum 323 ft-lbs per SAE 1349. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be equipped with a turbocharged, four cylinders, direct injection diesel engine with high strength, cast iron alloy single block design without the use of wet or dry sleeves, for high strength and long life. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be Tier 4 Interim compliant. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have Automatic Engine Speed Control that reduces engine speed when the backhoe is not in use. This will conserve fuel and lower emission noise |

POWERTRAIN/TRANSMISSION

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Transmission, differentials, and hydraulics to have separate fluid reservoirs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | 4WD to be pendulum mounted, grease-free with sealed for life kingpins, able to be engaged "on-the-go" while under load or any operating condition. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | 4WD guard to be made by the OEM and provide full coverage between the frame rails to protect the front drive shaft. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Unit to be able to change direction and travel speed on-the-go. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Forward/reverse shuttle to be a contactless unit for reliability. |

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Units to be equipped with a transmission disconnect button on the gear shifter and loader control to allow full engine power to the loader. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Transmission to be manufactured serviced and supported by the machine manufacturer. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Transmission to have an electric, neutral lock switch on the front console. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | The automatically shifting transmission to have a manual override switch to allow the operator full control over the gear selection. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a high gear speed of no less than 25 mph. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | A fully automatically shifting transmission with 5 forward and 3 reverse to be supplied with manual "kick-down" capability. |
| STEERING | |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Oscillation to be no less than 11 degrees each side direction from centerline. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have hydrostatic steering. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Steering cylinder to be double acting with a 50 degree steering angle. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine turning clearance circle, without brakes, to outside of tires to be a maximum 26' 10". |
| BRAKES | |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | A brake mode selector switch that allows 2WD travel with 4WD automatically engaged for braking to be supplied. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Parking/secondary brakes to be independent of the service brake system, allow operator complete control for a modulated stop, and shall be mechanically applied and adjusted from the cab without the need for tools. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Foot-operated brake pedals to be able to be interlocked for roading. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Service brakes to be boosted for low pedal efforts. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Service brakes to be completely enclosed and sealed using Kevlar as brake pad media. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Brakes to be inboard oil-immersed, hydraulically-actuated, multiple discs on final drive input drive shaft. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Service brakes to be fully self-adjusting. |
| HYDRAULIC SYSTEM | |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to be able to reach maximum lift capacity at any engine speed. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Hydraulic system to have a replaceable 5 micron vertically mounted, spin-on filter that is accessible from under the main frame. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Hydraulic pump to be a minimum 41 gpm. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a variable displacement load sensing, axial piston pump for low idle lifting and maximum durability. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Hose fitting to be O-ring face seal connections. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Hydraulic tank to be mounted towards the rear of the engine above the pump, enabling the hood of the machine to slope downward for visibility and to keep positive pressure into the pump supply hose. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Supply hose to the pump to be protected high within the chassis. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | All hydraulic hoses restrained by rubber grommets and steel band clamps that have full protective coverage by the rubber grommet, preventing cuts and chaffing by the band clamps. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | The machine must be equipped with an auxiliary valve and controls, one way/two way flow with lines plumbed to the end of the dipper stick with quick couplers. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a ride control system with manual or automatic settings. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a loader 3 rd valve that is activated by a roller ball located on the loader joystick. |

AXLES

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Automatic four-wheel braking to be supplied enabled by a switch on a console. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Rear axle to have differential lock with "on-the-go" engagement. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Heavy-duty rear axle to be semi-floating with self-adjusting inboard brakes. |

WHEELS

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Front tires to be 12.5/80-18 12 ply traction tread and the rear tires to be 19.5Lx24 12 ply with traction tread. |
|--|--|

OPERATORS STATION

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Cab to have an air conditioner that provides the operator with a choice of fresh outside air drawn through filters or recirculating cab air. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Operator to have complete control to disable, or lock, the backhoe Pilot Controls with a single switch on the console. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | The backhoe Pilot Controls locking switch must indicate the correct state of the controls, "locked" or "unlocked," and be lighted when "locked". |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Cab to be equipped with two doors and five opening windows and floor mat. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a horn, audible back up alarm and electric fuel system shut off. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Operator's compartment must have laminated safety glass on front, windshield and tempered glass on all other windows. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Cab to have a factory-installed heater/defroster with multiple speed blower with the control in reach from the front and rear of the machine. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Heater to be a minimum rated capacity of 39,920 BTU and be equipped with a 500 cfm fan. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Side instrument panel to include tachometer, fuel gauge, transmission/converter oil temperature gauge and coolant temperature gauge. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Unit to have a lighted instrument panel located on the right side of the cab so that it is visible from both loader and backhoe operating positions. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Unit to 2 front and 2 rear roading lights and 2 front and 2 rear working lights. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have stop and turn signals with flashing hazard lamps visible from front and rear. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a clear view over the engine hood. The muffler to be located to the right side of the cab, not mounted thru the engine hood. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | A magnetic amber beacon to be supplied. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | An OSHA approved ROPS/FOPS cab to be supplied. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | A cloth covered air-suspension seat with a vertical adjustment and adjustable flip-up armrests to be supplied. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | With doors and windows closed, unit to have a maximum operator sound exposure of 78.5 dB(A) according to SAE J1166. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Stabilizer controls to be pilot operated and have an auto up feature. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Tilt steering wheel to be supplied. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Steering wheel to come with a spinner knob. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | All rear window sections to open upwards and store overhead. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Each side of the cab to have two windows sharing a common hinge and be fastened together then swung to either a front or rear securing point to maximize cross flow ventilation. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Cab to have front and rear windshield wipers/washers. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | To have one internal and 2 <i>external</i> rear view mirrors. |

BACKHOE

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Maximum boom width to 10 inches. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe to have a curved boom for its ability to work in confined areas and to reach over obstacles, allowing a minimum of 11" of clearance as measured in the deepest point from a plane. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Bucket digging force to be a minimum of 13,850 lbs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Stick digging force to be a minimum of 9,750 lbs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe reach, from the swing pivot to be a minimum 21'10" with a fully extended extendable stick. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe bucket to have a minimum of 204 degrees of bucket rotation in one pin position. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe to have a minimum cushioned swing arc of 180 degrees. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Extendible stick to be field adjusted in less than 30 minutes to eliminate excessive clearance, using simple hand tools such as hex head and allen head wrenches. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Extendible stick to have serrated edges to help clamp objects securely with bucket. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Extendible stick to be thumb-ready with thumb cylinder mounts and stops standard. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Extendible stick to be self-lubricating, adjusted with shims, and require no grease. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Boom cylinder to be exterior mounted for serviceability. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Stick cylinder to be exterior mounted for serviceability. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe to have an auto idle feature with the button located on the joystick. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Boom lift capacity with extendahoe retracted – 6' above ground to be a minimum 3,100 lbs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Dipper lift capacity with extendahoe retracted – 6' above ground to be a minimum 6,350 lbs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Dipper lift capacity with extendahoe fully extended – 6' above ground to be a minimum 2,250 lbs |

LOADER

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader parallelism must be accomplished mechanically for reliability. Controlling the tilt cylinder for parallelism is not acceptable. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader frame/linkage to be of a tool carrier design including a hydraulic quick coupler actuated from the cab. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader bucket will not roll back, and must not move under normal dig operations. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader breakout force to be a minimum 11,300 lbs. with the 1.3 cu. yd. multi purpose bucket. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader equipped with a quick coupler to have a lift capacity of no less than 7,600 lbs. at full height with a 1.3 cu. yd. multipurpose bucket. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Bucket rollback at ground to be a minimum of 39 degrees. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Bucket dump angle to be a minimum of 44 degrees. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader to be equipped with a return-to-dig mechanism. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader to be equipped with a lift cylinder brace to mechanically hold the loader arms in the raised position. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader arm torque tube to be constructed such that it is welded to each side of each loader arm section, providing maximum strength with minimal weld stress. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader linkage to incorporate a single, full width main tower pin for maximum strength and load distribution. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader arms to be divergent, widening toward the bucket. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader bucket to have a 2-piece bolt-on cutting edge for serviceability. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader bucket to be self-leveling for truck loading spoil and equipped with a bucket tilt indicator. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Loader bucket raise time to full height shall be no more than 4.5 seconds. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe to have stabilizer lock valves. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Stabilizer spread in the operating position to the center of the pad to be a minimum 10'7". |

WORK TOOL OPTIONS

| | |
|---|--|
| Y <input checked="" type="checkbox"/> N | Machine to have a front hydraulic quick coupler that is manufactured by the backhoe manufacturer. |
| Y <input checked="" type="checkbox"/> N | Machine to have a 1.3 cu. yd. capacity multipurpose bucket with bolt on cutting edges with a maximum width of 89". |
| Y <input checked="" type="checkbox"/> N | A 24" HD backhoe bucket to be supplied. Bucket to be compatible with the villages currently owned coupler. |

SERVICEABILITY

| | |
|---|---|
| Y <input checked="" type="checkbox"/> N | Engine oil, transmission oil, hydraulic oil, brake fluid, washer fluid, coolant, engine air filter, and engine air filter monitor to be consolidated service points, accessible under the hood with loader arms down. |
| Y <input checked="" type="checkbox"/> N | Water and sediment to be drained from the fuel / water filter without raising the hood or opening an access panel. |

MINIMUM SERVICE FILL CAPACITIES

| | |
|---|--|
| Y <input checked="" type="checkbox"/> N | Cooling system capacity to be a minimum 5.8 gallons. |
| Y <input checked="" type="checkbox"/> N | Engine oil with filter capacity to be a minimum 2 gallons. |
| Y <input checked="" type="checkbox"/> N | Fuel tank capacity to be a minimum 44 gallons. |
| Y <input checked="" type="checkbox"/> N | Hydraulic system capacity to be a minimum 25 gallons. |
| Y <input checked="" type="checkbox"/> N | Hydraulic tank capacity to be a minimum 11 gallons. |

OWNING AND OPERATING COSTS

| | |
|---|---|
| Y <input checked="" type="checkbox"/> N | Front axles to have sealed king pin and center pendulum bearings. |
| Y <input checked="" type="checkbox"/> N | Driveshaft universal joints to be maintenance free. |
| Y <input checked="" type="checkbox"/> N | Engine to have a 500 hour oil change interval. |

ADDITIONAL FEATURES

| | |
|---|--|
| Y <input checked="" type="checkbox"/> N | Front counterweight to be a minimum 1000 lbs. |
| Y <input checked="" type="checkbox"/> N | Stabilizer pads to be flip over design. |
| Y <input checked="" type="checkbox"/> N | Machine to have an in cab backhoe control selectable switch from backhoe to ISO. |
| Y <input checked="" type="checkbox"/> N | Cold weather starting package. |
| Y <input checked="" type="checkbox"/> N | To have a master battery disconnect. |
| Y <input checked="" type="checkbox"/> N | To have remote battery jumpstart terminals. |
| Y <input checked="" type="checkbox"/> N | To have a fully hinged front grill for cooling package cleanout. |
| Y <input checked="" type="checkbox"/> N | To have a fuel tank bottom guard. |
| Y <input checked="" type="checkbox"/> N | Loader to be a parallel lift design. |

WARRANTY

| | |
|---|---|
| Y <input checked="" type="checkbox"/> N | One year with unlimited hours. There will be no time or mileage charges regardless of where the warranty work is preformed while under the base warranty. |
|---|---|

DELIVERY

| | |
|---|------------------|
| Y <input checked="" type="checkbox"/> N | 90 days or less. |
|---|------------------|

Compliance with Specifications:

Exceptions: The bidder must itemize any and all variations from or exceptions to the conditions and specifications of this Bid Proposal. Such list must clearly identify the variance or exception by page number and paragraph number of these specifications. If no variation or exceptions are listed the Village of Brockport will assume none exists.

The Village of Brockport will verify compliance with specifications as submitted by the bidder prior to acceptance of the unit. Failure to provide this information will render bid proposal non-responsive. Minor deviations or differences due to manufacturing changes or processes may be acceptable at the Village of Brockport's sole discretion. Any such differences must be relatively minor in scope and may not be related to machine performance or capability.

Guaranteed Annual Buyback Option:

The Village of Brockport proposes the annual guaranteed buyback over a five (5) year period with the option of extending said agreement on an annual basis.

The one year cost of \$10.⁰⁰ PER HOUR * _____ per hour of usage will be used to calculate the Net trade difference. The village may elect to replace the currently awarded machine with a new machine of that year's current model with identical specifications, or pay for any upgrades.

This agreement must be mutually agreed upon annually by the village and the vendor prior to placing an order.

The Village of Brockport holds the right to opt out of this agreement within sixty (60) days of written notice.

The Village of Brockport shall be required to follow all of the manufacture's maintenance and service intervals in order to qualify for said guaranteed buyback.

****All Bidders must submit a copy of their Manufacturers Parts Pricing CD or DVD with the bid. Dealer fabricated copies will not be accepted.**

* ANY MANDATED EPA EMISSIONS PRICE INCREASE TO BE ADDED TO THE HOURLY RATE.

**BID PROPOSAL CERTIFICATION
(NON-COLLUSION STATEMENT)**

Name: MILTON CAT

Address: 4610 EAST SALLE DR. BATAVIA, N.Y. 14020

Telephone Number 585-815-6200 Date of Bid: JULY 9, 2012

I. General Bid Certification

The bidder certifies that he will furnish, at the prices herein quoted, the materials, equipment and/or services as proposed on this bid.

II. Non-Collusive Bidding Certification

By submission of this bid proposal, the bidder certifies that he is complying with Section

103-d of the General Municipal Law as follows:

Statement of non-collusion in bids and proposals to political subdivision of the state. Every bid or proposal here-after made to a political subdivision of the state or any public department, agency or official thereof where competitive bidding is required by statute, rule, regulation, or local law for work or services performed or to be performed or goods sold or to be sold, shall contain the following statement subscribed by the bidder and affirmed by such bidder as true under the penalties of perjury: Non-collusive bidding certification.

"(a) By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty or perjury, that to the best of knowledge and belief:

(1) The prices in this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; (2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and (3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition."

(b) A bid shall not be considered for award nor shall any award be made where (a), (1), (2) and (3) above have not been complied with; provided, however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. Where (a), (1), (2) and (3) above have not been complied with, the bid shall not be considered for award nor shall any award be made unless the head of the purchasing unit of the political subdivision, public department, agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

The fact that a bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customers of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure with the meaning subparagraph one (a).

2. Any bid hereafter made to any political subdivision of the state or any public department, agency or official hereof by a corporate bidder for work or services performed or to be performed or goods sold or to be sold, where competitive bidding is required by statute, rule, regulation, or local law, and where such bid contains the certification referred to in subdivision one of the section, shall be deemed to have been authorized by the board of directors of the bidder, and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation.

Signature (Authorized) Joger R. Haag

Title: GOVERNMENTAL SALES



Dept. of Public Works

Memo

To: Prospective Bidders

From: Supt. Donahue

Date: 6/26/12

Please note that we have revised the Specifications for the 2012 Backhoe/Loader we have out for bid.

Please add to the bid spec the following:

- 1) Must include trade-in dollar amount for a 2009 420E CAT Backhoe/Loader.

Thank you,

Harry Donahue



Cat® 420F/420F IT

BACKHOE LOADER

FEATURES:

- **Operator Station** – Air suspension seat and ergonomic joystick controls provide a comfortable working environment.
- **Load Sensing Hydraulics** – Electronic pump control provides better pump response for improved hoe and loader productivity, performance and power management.
- **Superior Power** – New larger torque converter delivers greater pushing power, increased aggressiveness in hard bank and faster roading and hill climbing.
- **Loader Performance** – New front loader arms deliver more reach, dump height and breakout.
- **Backhoe Design** – New beefier swing casting and double clevis design improves durability and reliability.
- **Versatility** – A wide array of Cat® Work Tools lets you do more jobs with one machine. A hydraulic thumb is also available. The hydraulic coupler makes work tool changes quick and easy.

Specifications

Engine

| | | |
|-----------------------------|------------------|---------------------|
| Engine Model | Cat® C4.4 ACERT™ | |
| Gross Power | | |
| SAE J1995 | 76 kW | 102 hp |
| ISO 14396 | 74 kW | 100 hp |
| Rated Net Power @ 2,200 rpm | | |
| SAE J1349 | 69 kW | 93 hp |
| ISO 9249/EEC 80/1269 | 70 kW | 94 hp |
| Net Peak Power @ 1,800 rpm | | |
| SAE J1349 | 71 kW | 95 hp |
| ISO 9249 | 72 kW | 97 hp |
| EEC 80/1269 | 72 kW | 97 hp |
| Bore | 105 mm | 4.13 in |
| Stroke | 127 mm | 5 in |
| Displacement | 4.4 L | 268 in ³ |
| Net Torque Rise @ 1,400 rpm | 46% | |
| SAE J1349 | 438 N-m | 323 lb-ft |

- Engine meets U.S. EPA Tier 4 Interim/EU Stage IIIB emission standards.

Weights*

| | | |
|--|-----------|-----------|
| Operating Weight – Nominal | 6895 kg | 15,201 lb |
| Operating Weight – Maximum | 11 000 kg | 24,251 lb |
| Cab, ROPS/FOPS | 184 kg | 406 lb |
| AutoShift Transmission | 54 kg | 119 lb |
| Ride Control | 14 kg | 31 lb |
| Air Conditioning | 55 kg | 121 lb |
| Four Wheel Drive | 160 kg | 353 lb |
| MP Bucket (1.0 m ³ /1.31 yd ³) (no forks or teeth) | 745 kg | 1,642 lb |
| Loader, IT with Quick Coupler | 197 kg | 434 lb |
| Extendible Stick | 272 kg | 599 lb |
| Counterweights (Option 1) | 115 kg | 255 lb |
| Counterweights (Option 2) | 240 kg | 530 lb |
| Counterweights (Option 3) | 460 kg | 1,015 lb |

*Specifications shown are for machine equipped with 0.96 m³ (1.25 yd³) general purpose loader bucket, 610 mm (24 in) heavy duty backhoe bucket, 115 kg (255 lb) counterweight, 80 kg (176 lb) operator and full fuel tank.



420F/420F IT Backhoe Loader

Transmission

Power Shuttle Transmission – Standard

| | | |
|---------------|----------|---------|
| Forward – 1st | 6 km/h | 3.7 mph |
| 2nd | 9.6 km/h | 5.9 mph |
| 3rd | 20 km/h | 12 mph |
| 4th | 40 km/h | 25 mph |
| Reverse – 1st | 6 km/h | 3.7 mph |
| 2nd | 9.6 km/h | 5.9 mph |
| 3rd | 20 km/h | 12 mph |
| 4th | 40 km/h | 25 mph |

AutoShift Transmission – Optional

| | | |
|---------------|----------|---------|
| Forward – 1st | 5.9 km/h | 3.7 mph |
| 2nd | 9.5 km/h | 5.9 mph |
| 3rd | 20 km/h | 12 mph |
| 4th | 27 km/h | 17 mph |
| 5th | 41 km/h | 25 mph |
| Reverse – 1st | 5.9 km/h | 3.7 mph |
| 2nd | 13 km/h | 7.8 mph |
| 3rd | 27 km/h | 17 mph |

Axle Ratings

Front Axle, 2WD

| | | |
|---------|-----------|-----------|
| Static | 22 964 kg | 50,582 lb |
| Dynamic | 9186 kg | 20,233 lb |

Front Axle, 4WD

| | | |
|---------|-----------|-----------|
| Static | 22 964 kg | 50,582 lb |
| Dynamic | 9186 kg | 20,233 lb |

Rear Axle

| | | |
|---------|-----------|-----------|
| Static | 22 964 kg | 50,582 lb |
| Dynamic | 9186 kg | 20,233 lb |

Hydraulic System

| | | |
|---------------------------|-----------------------------|------------|
| Type | Closed Center | |
| Pump Type | Variable Flow, Axial Piston | |
| Pump Capacity @ 2,200 rpm | 163 L/min | 43 gal/min |
| System Pressure – Backhoe | 25 000 kPa | 3,600 psi |
| System Pressure – Loader | 25 000 kPa | 3,600 psi |

Steering

| Type | Front Wheel | |
|---|-------------|--------|
| Power Steering | Hydrostatic | |
| Bore | 65 mm | 2.6 in |
| Stroke | 120 mm | 4.7 in |
| Rod Diameter | 36 mm | 1.4 in |
| Axle Oscillation | 11° | |
| Turning Circle – 2WD/4WD (inner wheel not braked) | | |
| Outside, Front Wheels | 8.18 m | 26'10" |
| Outside, Widest Loading Bucket | 10.97 m | 36'0" |

Service Refill Capacities

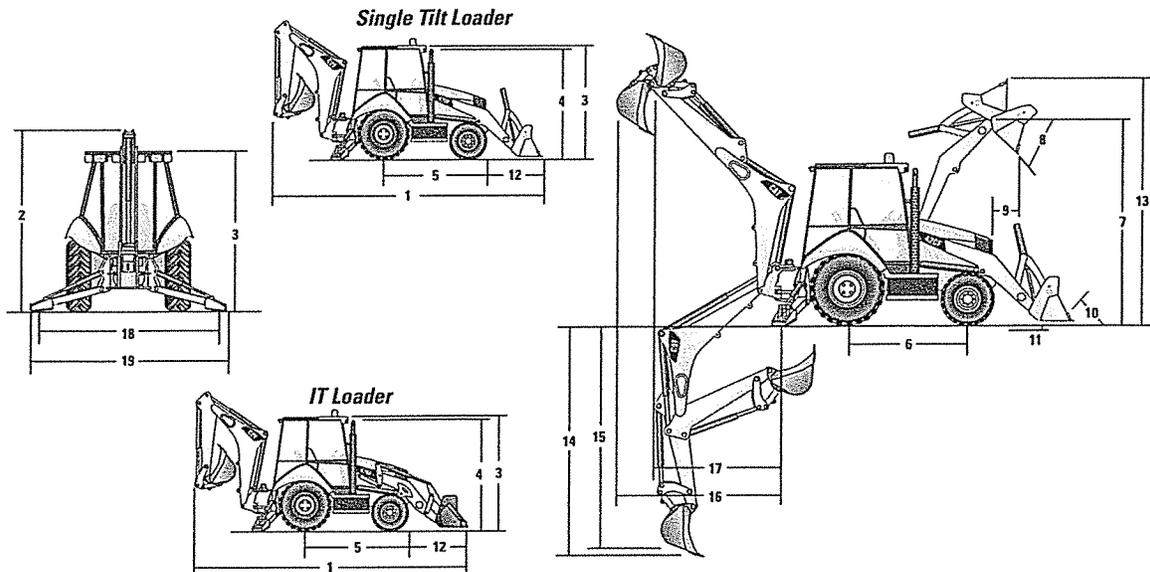
| | | |
|--------------------------------------|--------|----------|
| Cooling System with Air Conditioning | 22 L | 5.8 gal |
| Fuel Tank | 170 L | 45 gal |
| Engine Oil with Filter | 7.6 L | 2.0 gal |
| Transmission – Power Shuttle | | |
| 2WD | 18.5 L | 4.9 gal |
| 4WD | 18.5 L | 4.9 gal |
| Transmission – AutoShift | | |
| 4WD | 19.0 L | 5.0 gal |
| Rear Axle | 16.5 L | 4.4 gal |
| Planetaries | 1.7 L | 0.4 gal |
| Front Axle (4WD) | 11.0 L | 2.9 gal |
| Planetaries | 0.7 L | 0.2 gal |
| Hydraulic System | 95.0 L | 25.1 gal |
| Hydraulic Tank | 42.0 L | 11.1 gal |

- Requires ultra-low sulfur fuel ≤ 15 ppm fuel sulfur

Tires

Choices listed as combination of front/rear tires:

- 11L-16 (12 ply) F-3/19.5L-24 (12 ply) R4 ATU
- 12.5/80-18 (12 ply) 1-3/19.5L-24 (12 ply) ATU
- 12.5/80-18 NHS (12 ply) 1-3/21L-24 (16 ply) R4 ATU
- 340/80R 18/19.5L-24 (12 ply) R4 ATU
- 340/80R 18/500/70R 24 RT



420F/420F IT Backhoe Loader

Dimensions

| | Single Tilt Loader | | | | IT Loader with Quick Coupler | | | |
|--|---|-----------|---|-----------|---|-----------|---|-----------|
| | 0.96 m ³ (1.25 yd ³) | | 1.00 m ³ (1.31 yd ³) | | 0.96 m ³ (1.25 yd ³) | | 1.00 m ³ (1.31 yd ³) | |
| | GP Bucket | MP Bucket |
| 1 Overall Length (Loader on Ground) – Standard Stick | 7141 mm | 23'5" | 7059 mm | 23'2" | 7289 mm | 23'11" | 7197 mm | 23'7" |
| Overall Length (Loader on Ground) – Extendible Stick | 7147 mm | 23'5" | 7064 mm | 23'2" | 7295 mm | 23'11" | 7203 mm | 23'8" |
| Overall Transport Length – Standard Stick | 7169 mm | 23'6" | 7133 mm | 23'5" | 7282 mm | 23'11" | 7211 mm | 23'8" |
| Overall Transport Length – Extendible Stick | 7175 mm | 23'6" | 7139 mm | 23'5" | 7288 mm | 23'11" | 7217 mm | 23'8" |
| 2 Overall Transport Height – Standard Stick | 3577 mm | 11'9" |
| Overall Transport Height – Extendible Stick | 3631 mm | 11'11" |
| Overall Width | 2322 mm | 7'7" |
| 3 Height to Top of Cab/Canopy | 2819 mm | 9'3" |
| 4 Height to Top of Exhaust Stack | 2744 mm | 9'0" |
| Height to Loader Hinge Pin (Transport) | 381 mm | 1'3" | 432 mm | 1'5" | 396 mm | 1'4" | 386 mm | 1'3" |
| Ground Clearance (minimum) | 320 mm | 1'1" |
| 5 Rear Axle Centerline to Front Grill | 2705 mm | 8'10" |
| Front Wheel Tread Gauge | 1895 mm | 6'3" |
| Rear Wheel Tread Gauge | 1714 mm | 5'7" |
| 6 Wheelbase 2WD/4WD | 2200 mm | 7'3" |

Loader Bucket Dimensions and Performance

| | Single Tilt Loader | | | | IT Loader with Quick Coupler | | | |
|---|---|----------------------|---|----------------------|---|----------------------|---|----------------------|
| | 0.96 m ³ (1.25 yd ³) | | 1.00 m ³ (1.31 yd ³) | | 0.96 m ³ (1.25 yd ³) | | 1.00 m ³ (1.31 yd ³) | |
| | GP Bucket | MP Bucket |
| Capacity (SAE Rated) | 0.96 m ³ | 1.25 yd ³ | 1.00 m ³ | 1.31 yd ³ | 0.96 m ³ | 1.25 yd ³ | 1.00 m ³ | 1.31 yd ³ |
| Overall Bucket Width | 2262 mm | 89 in | 2279 mm | 90 in | 2262 mm | 89 in | 2279 mm | 90 in |
| Lift Capacity at Maximum Height | 3283 kg | 7,237 lb | 3097 kg | 6,828 lb | 3716 kg | 8,193 lb | 3448 kg | 7,601 lb |
| Lift Breakout Force | 49 809 N | 11,197 lb | 49 019 N | 11,020 lb | 51 085 N | 11,484 lb | 49 678 N | 11,168 lb |
| Tilt Breakout Force | 50 190 N | 11,283 lb | 57 555 N | 12,938 lb | 46 314 N | 10,411 lb | 50 380 N | 11,325 lb |
| Tipping Load at Breakout Point | 6751 kg | 14,882 lb | 6839 kg | 15,078 lb | 6692 kg | 14,754 lb | 6805 kg | 15,004 lb |
| 7 Maximum Hinge Pin Height | 3474 mm | 11'5" | 3474 mm | 11'5" | 3490 mm | 11'5" | 3490 mm | 11'5" |
| 8 Dump Angle at Full Height | 44° | | 44° | | 44° | | 44° | |
| Dump Height at Maximum Angle | 2746 mm | 9'0" | 2798 mm | 9'2" | 2679 mm | 8'9" | 2745 mm | 9'0" |
| 9 Dump Reach at Maximum Angle | 808 mm | 2'8" | 716 mm | 2'4" | 869 mm | 2'10" | 814 mm | 2'8" |
| 10 Maximum Bucket Rollback at Ground Level | 37° | | 38° | | 40° | | 39° | |
| 11 Digging Depth | 83 mm | 3" | 110 mm | 4" | 105 mm | 4" | 95 mm | 4" |
| Maximum Grading Angle | 112° | | 116° | | 110° | | 112° | |
| Width of Dozer Cutting Edge | N/A | | 2262 mm | 7'5" | N/A | | 2262 mm | 7'5" |
| 12 Grill to Bucket Cutting Edge, Carry Position | 1487 mm | 4'11" | 1451 mm | 4'9" | 1600 mm | 5'3" | 1529 mm | 5'0" |
| 13 Maximum Operating Height | 4355 mm | 14'3" | 4404 mm | 14'5" | 4407 mm | 14'6" | 4480 mm | 14'8" |
| Jaw Opening Maximum | N/A | | 790 mm | 2'7" | N/A | | 790 mm | 2'7" |
| Bucket Jaw Clamping Force | N/A | | 55 700 N | 12,521 lb | N/A | | 55 700 N | 12,521 lb |
| Weight (does not include teeth or forks) | 451 kg | 994 lb | 745 kg | 1,642 lb | 447 kg | 985 lb | 724 kg | 1,596 lb |

Backhoe Dimensions and Performance

| | Standard Stick | | E-Stick Retracted | | E-Stick Extended | |
|---|----------------|-----------|-------------------|-----------|------------------|-----------|
| | mm | ft/in | mm | ft/in | mm | ft/in |
| 14 Digging Depth, SAE (max.) | 4360 mm | 14'4" | 4390 mm | 14'5" | 5442 mm | 17'11" |
| 15 Digging Depth, 610 mm (2 ft) Flat Bottom | 4311 mm | 14'2" | 4351 mm | 14'4" | 5405 mm | 17'9" |
| Reach from Rear Axle Centerline at Ground Line | 6702 mm | 22'1" | 6737 mm | 22'2" | 7742 mm | 25'6" |
| 16 Reach from Swing Pivot at Ground Line | 5612 mm | 18'5" | 5647 mm | 18'7" | 6652 mm | 21'10" |
| Maximum Operating Height | 5522 mm | 18'1" | 5546 mm | 18'3" | 6282 mm | 20'8" |
| Loading Height | 3642 mm | 11'11" | 3599 mm | 11'10" | 4169 mm | 13'8" |
| 17 Loading Reach | 1842 mm | 6'1" | 1929 mm | 6'4" | 2844 mm | 9'4" |
| Swing Arc | 180° | | 180° | | 180° | |
| Bucket Rotation | 205° | | 205° | | 205° | |
| 18 Stabilizer Spread, Operating Position (center) | 3310 mm | 10'10" | 3310 mm | 10'10" | 3310 mm | 10'10" |
| Stabilizer Spread, Operating Position (outside) | 3770 mm | 12'4" | 3770 mm | 12'4" | 3770 mm | 12'4" |
| Stabilizer Spread, Transport Position | 2322 mm | 7'7" | 2322 mm | 7'7" | 2322 mm | 7'7" |
| Bucket Dig Force | 62 659 N | 14,086 lb | 61 780 N | 13,889 lb | 61 780 N | 13,889 lb |
| Stick Dig Force | 43 510 N | 9,781 lb | 43 402 N | 9,757 lb | 31 682 N | 7,122 lb |

420F/420F IT Backhoe Loader

STANDARD EQUIPMENT

- Air cleaner
- Alarm, back-up
- Audible system fault alarm
- Automatic Engine Speed Control (AESC)
- Battery, maintenance-free, 880 CCA
- Battery disconnect switch
- Battery remote jumpstart
- Boom transport lock
- Brace, lift cylinder
- Brake, secondary parking
- Brakes, hydraulically boosted, oil disc, dual pedals, interlocking
- Bucket level indicator
- Canopy, ROPS/FOPS
- Cat cushion swing system
- Coat hook
- Coolant/antifreeze, extended life
- Counterweight, bumper
- Diesel particulate filter, long life
- Dome light (cab only)
- Diagnostic port for engine, machine and gauge cluster Electronic Control Modules
- Differential lock
- Engine, Cat C4.4 ACERT (Direct Injection Turbocharged), meets U.S. EPA Tier 4 Interim/EU Stage IIIB emission standards
- Engine enclosure
- Face seals, O-ring
- Fan, suction and guard
- Fast reversing shuttle, all gears
- Fenders, rear
- Filters, spin-on: fuel, engine oil, transmission oil, water separator
- Filters, bowl and cartridge: hydraulic fluid
- Flashing hazards/signal lights
- Floor mat
- Fully hinged front grill for cooling package cleaning access
- Gauge Cluster:
 - Gauges: coolant temperature, fuel level, tachometer
 - LCD screen: hour meter, torque converter oil temperature, hydraulic oil temperature, operator settings, service mode diagnostics
- Ground level fuel fill
- Guard, fuel tank bottom
- High ambient cooling package
- Hood lock
- Hydraulic hose, XT™
- Hydraulic oil cooler
- Hydraulic oil level sight gauge
- Hydraulic valve, hydrostatic steering
- Hydraulic valves, loader 2 function
- Hydraulic valves, backhoe 5 function
- Hydraulics, load sensing with variable displacement piston pump
- Indicators: air cleaner service, water separator service, engine coolant, oil pressure, hydraulic temperature, hydraulic bypass
- Instrument panel lights
- Joystick controls: pilot operated, excavator-style with pattern changer
- Key start/stop system
- Lights, working (4 front, 4 rear)
- Loader, self-leveling, return-to-dig and transmission disconnect switch
- Loader, single tilt
- Lunch box and drink holder
- Mirror, rearview
- One-touch low idle
- Open circuit breather
- Pattern changer, in cab
- Power receptacle, 12 volt, 2 internal, 1 external
- Power steering, hydrostatic
- Radio ready cab
- Seat belt, retractable, 51 mm (2 in)
- Stabilizer shoes, street
- Steering knob
- Seat, air suspension, fabric or vinyl cover, with armrest
- Starting system, glow plugs
- Steering, hydrostatic
- Storage compartment, internal
- Stop and tail lights
- Swing transport lock
- Tilt steering wheel
- Tires
- Toolbox, external, lockable
- Torque converter
- Throttle, hand and foot, electronic
- Transmission, four speed, syncromesh
- Transmission neutralizer switch
- Transport tie-downs
- Two Wheel Drive
- Vandalism locks
- Warning horn, electric

OPTIONAL EQUIPMENT

- Battery, additional, 880 CCA
- Cab, deluxe
- Cab, deluxe with air conditioning
- Cold weather fuel (-30° C/-22° F)
- Cold weather package, including additional battery, engine block heater, radiator antifreeze, cold weather fuel (-30° C/-22° F) and mounting for an ether bottle
- Counterweights, 115 kg (255 lb), 240 kg (530 lb) or 460 kg (1,015 lb)
- Fenders, front with integral steps
- Fenders, rear extensions
- Four Wheel Drive
- Guard, boom protection plate
- Guard, stabilizer, rock
- Guard, fuel tank front and rear
- Hydraulic valves, loader (3rd valve for GP, MP or Quick Coupler)
- Hydraulic valves, backhoe 6 function
- Hydraulic lines, combined function auxiliary
- Loader, IT with Quick Coupler and pilot loader control
- Machine Security System
- Product Link
- Quick Coupler, manual, dual lock
- Quick Coupler, pin lock
- Ride Control
- Rotating beacon, magnetic mount
- Seat belt, 75 mm (3 in)
- Stabilizer pads, reversible
- Stick, extendible
- Storage box
- Transmission, AutoShift
- Vandalism protection, gauge cover
- Work Tool Attachments such as buckets, forks, material handling arms, augers, hammers, brooms, cold planers and vibratory plate compactors. See your Cat dealer for more information.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEHQ6683-01 (04-12)
Replaces AEHQ6683



Effective with sales to the first user on or after January 1, 2010

CATERPILLAR LIMITED WARRANTY

Earthmoving, Construction, Material Handling, Forestry Products, and Paving Product Machines For Selected Models Designated by Caterpillar With 12 Month/Unlimited Hour Warranty

Caterpillar warrants the following products sold by it and operating within the geographic area serviced by authorized USA and Canadian Caterpillar dealers to be free from defects in material and workmanship.

(In other areas different warranties may apply. Copies of applicable warranties may be obtained by writing to Caterpillar Inc., 100 N.E. Adams St., Peoria, IL 61629.)

- New earthmoving, construction, material handling, forestry products, and paving product machines designated by Caterpillar as having 12 month/unlimited hour warranty. See your Caterpillar dealer for a complete listing of covered models.
- New engines used as replacements in such Caterpillar product.
- Attachments installed on such machines prior to delivery (unless covered by the Caterpillar Work Tool warranty statement or another manufacturer's warranty).

An additional warranty against breakage is applicable to certain Caterpillar brand Ground Engaging Tools. An additional warranty against wear is applicable to all landfill compactor tips when used in residential waste landfills. Refer to the applicable warranty statements for coverage detail.

This warranty does not apply to Caterpillar brand batteries, Mobil-trac belts or Caterpillar Work Tools, which are covered by other Caterpillar warranties.

This warranty is subject to the following:

Warranty Period

For new machines and attachments, the warranty period is 12 months/unlimited hours, starting from date of delivery to the first user.

For new replacement engines, the warranty period is 6 months, starting from date of delivery to the first user.

Caterpillar Responsibilities

If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and at a place of business of a Caterpillar dealer or other source approved by Caterpillar:

- Provide (at Caterpillar's choice) new, Remanufactured, or Caterpillar-approved repaired parts or assembled components needed to correct the defect.

Note: Items replaced under this warranty become the property of Caterpillar.

- Replace lubricating oil, filters, antifreeze, and other service items made unusable by the defect.
- Provide reasonable and customary labor needed to correct the defect, except in the case of a new replacement engine originally installed by other than a Caterpillar dealer or source approved by Caterpillar. In this case, labor is limited to repair only, and removal and installation is the user's responsibility.

User Responsibilities

The user is responsible for:

- Providing proof of the delivery date to the first user.
- Labor costs, except as stated under "Caterpillar Responsibilities."
- Transporting costs, except as stated under "Caterpillar Responsibilities."
- Premium or overtime labor costs.

- Parts shipping charges in excess of those which are usual and customary.

- Local taxes, if applicable.

- Costs to investigate complaints, unless the problem is caused by a defect in Caterpillar material or workmanship.

- Giving timely notice of a warrantable failure and promptly making the product available for repair.

- Performance of the required maintenance (including use of proper fuel, oil, lubricants, and coolant) and replacement of items due to normal wear and tear.

- Allowing Caterpillar access to all electronically stored data.

Limitations

Caterpillar is not responsible for:

- Failures resulting from any use or installation that Caterpillar judges improper.
- Failures resulting from attachments, accessory items, and parts not sold or approved by Caterpillar.
- Failures resulting from abuse, neglect, and/or improper repair.
- Failures resulting from user's delay in making the product available after being notified of a potential product problem.
- Failures resulting from unauthorized repair or adjustments and unauthorized fuel setting changes.

(continued on reverse side...)



FIVE STAR EQUIPMENT, INC.



JOHN DEERE

60 PAUL ROAD, ROCHESTER, NEW YORK 14624
(585) 235-3011

July 9, 2012

Village of Brockport
49 State Street
Brockport, New York 14420

Honorable Village Board,

Five Star Equipment, Inc. takes pleasure in bidding for one 2012 John Deere 310SK Tractor Loader Backhoe per Village's specifications.

| | |
|------------|------------------------------|
| BID PRICE: | \$ 79,923.00 |
| TRADE-IN: | \$ 55,000.00 |
| TOTAL BID: | \$ 24,923.00 |
| DELIVERY: | 60 days |
| WARRANTY: | One (1) year full on machine |

Five Star Equipment has 8 locations in New York and Pennsylvania with parts inventories of over 4 million dollars. We also maintain complete service departments in all locations with 10 fully equipped service trucks and 41 full time service technicians.

We are fully prepared to offer any further information regarding this bid. Please feel free to contact me at your convenience.

Sincerely,

Tim Garrett
Territory Manager

Other Locations:

1300 DUNHAM DRIVE, DUNMORE, PA 18512 • (570) 346-1701
711 ROUTE 199, P.O. BOX 250, ATHENS, PA 18810 • (570) 882-8800
46 ROUTE 97, WATERFORD, PA 16441-0385 • (814) 796-2663
2585 LYCOMING CREEK ROAD, WILLIAMSPORT, PA 17701 • (570) 494-4030

P.O. BOX 985, 284 ELLICOTT ROAD, ORCHARD PARK, NY 14127 • (716) 662-2191
1653 NY RT. 11, P.O. BOX 383, KIRKWOOD, NY 13795 • (607) 775-2006
6500 E. TAFT ROAD, EAST SYRACUSE, NY 13057-9637 • (315) 452-4560
2705 HAMILTON EAST, BUS. RT. 209 STROUDSBURG, PA 18360 • (570) 424-1652



NOTICE TO BIDDERS VILLAGE OF BROCKPORT Department of Public Works

June 14, 2012

*See also will be
on website*

NOTICE TO BIDDERS

Please take notice that the Village of Brockport Water Department desires to purchase, and will receive sealed bids for:

One (1) New 2012 Backhoe/Loader

Detailed specifications and bidding documents are available at the Brockport Village Hall, 49 State Street, Brockport New York 14420 and on the Villages website www.brockportny.org. Potential bidders may pick up or print out specifications and bidding documents there or may request to have them mailed by calling (585) 637-1043.

Sealed bids will be received by the Brockport Village Clerk, 49 State Street Brockport New York 14420 until 2:00 P.M. on **Monday, July 9th, 2012**, at which time they will be publicly opened and read.

The Board of Trustees of the Village of Brockport reserves the right to reject any or all bids.

Harry Donahue
Superintendent

BID SPECIFICATION FOR ONE NEW 2012 BACKHOE LOADER

Compliant?

BASIC SPECIFICATIONS

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Backhoe to have a minimum digging depth of 17' 10" with extendable stick extended. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Engine to be turbocharged with a minimum net horsepower of 98 at 1800 rpm per SAE J1349. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Height to the top of the cab to be a maximum of 9 ft 3 in. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Overall transport height not to exceed 11 ft 11 in. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Machine to have a minimum wheelbase of 87". |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine overall transport width not to exceed 91". |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine weight when equipped per bid specs not to exceed 18,800 lbs. |

ENGINE

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be manufactured by the backhoe manufacturer. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be protected to a minimum -34 degrees F with extended life antifreeze that needs not to be replaced for 5 years. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine cooling fan to have a heavy-duty guard that fully prevents human contact while in operation. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Radiator to have a heavy-duty rubber guard to resist continued impact at low speeds. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Coolant circulation to be provided by a gear-driven water pump, not solely belt driven. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be equipped with an alternator that has a charging capacity of minimum 120 amperes. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine shall be equipped with two maintenance-free 880 CCA batteries. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be equipped with a 12-volt direct-electric starting and charging system. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have an internally-mounted, dry type, radial-seal, combined replaceable air cleaner and precleaner unit with an air service indicator to monitor air filter condition. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Engine air filter to have an automatic integrated dust ejection system that prevents more than 95% of the contaminants from embedding in the filter media. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have a water/sediment bowl and spin-on type replaceable filter in the fuel system, with water separator service indicator light. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have variable-speed, hand and foot throttles. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Engine to have a full flow spin-on type oil filter that is vertically mounted below the crankshaft centerline. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Engine to have replaceable valve guides and valve seats for extended service life. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to come with glow plug starting aid for cold weather operation without using ether. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Net peak torque at 1400 rpm to be a minimum 323 ft-lbs per SAE 1349. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Engine to be equipped with a turbocharged, four cylinders, direct injection diesel engine with high strength, cast iron alloy single block design without the use of wet or dry sleeves, for high strength and long life. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to be Tier 4 Interim compliant. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have Automatic Engine Speed Control that reduces engine speed when the backhoe is not in use. This will conserve fuel and lower emission noise |

POWERTRAIN/TRANSMISSION

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Transmission, differentials, and hydraulics to have separate fluid reservoirs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | 4WD to be pendulum mounted, grease-free with sealed for life kingpins, able to be engaged "on-the-go" while under load or any operating condition. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | 4WD guard to be made by the OEM and provide full coverage between the frame rails to protect the front drive shaft. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Unit to be able to change direction and travel speed on-the-go. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Forward/reverse shuttle to be a contactless unit for reliability. |

| | |
|-------------------------|---|
| Y ___ N ___ X | Units to be equipped with a transmission disconnect button on the gear shifter and loader control to allow full engine power to the loader. |
| Y ___ N ___ X | Transmission to be manufactured serviced and supported by the machine manufacturer. |
| Y X ___ N ___ | Transmission to have an electric, neutral lock switch on the front console. |
| Y ___ N ___ X | The automatically shifting transmission to have a manual override switch to allow the operator full control over the gear selection. |
| Y X ___ N ___ | Machine to have a high gear speed of no less than 25 mph. |
| Y X ___ N ___ | A fully automatically shifting transmission with 5 forward and 3 reverse to be supplied with manual "kick-down" capability. |
| STEERING | |
| Y X ___ N ___ | Oscillation to be no less than 11 degrees each side direction from centerline. |
| Y X ___ N ___ | Machine to have hydrostatic steering. |
| Y ___ N ___ X | Steering cylinder to be double acting with a 50 degree steering angle. |
| Y X ___ N ___ | Machine turning clearance circle, without brakes, to outside of tires to be a maximum 26' 10". |
| BRAKES | |
| Y X ___ N ___ | A brake mode selector switch that allows 2WD travel with 4WD automatically engaged for braking to be supplied. |
| Y ___ N ___ X | Parking/secondary brakes to be independent of the service brake system, allow operator complete control for a modulated stop, and shall be mechanically applied and adjusted from the cab without the need for tools. |
| Y X ___ N ___ | Foot-operated brake pedals to be able to be interlocked for roading. |
| Y X ___ N ___ | Service brakes to be boosted for low pedal efforts. |
| Y ___ N ___ X | Service brakes to be completely enclosed and sealed using Kevlar as brake pad media. |
| Y X ___ N ___ | Brakes to be inboard oil-immersed, hydraulically-actuated, multiple discs on final drive input drive shaft. |
| Y X ___ N ___ | Service brakes to be fully self-adjusting. |
| HYDRAULIC SYSTEM | |
| Y ___ N ___ X | Machine to be able to reach maximum lift capacity at any engine speed. |
| Y X ___ N ___ | Hydraulic system to have a replaceable 5 micron vertically mounted, spin-on filter that is accessible from under the main frame. |
| Y ___ N ___ X | Hydraulic pump to be a minimum 41 gpm. |
| Y ___ N ___ X | Machine to have a variable displacement load sensing, axial piston pump for low idle lifting and maximum durability. |
| Y X ___ N ___ | Hose fitting to be O-ring face seal connections. |
| Y X ___ N ___ | Hydraulic tank to be mounted towards the rear of the engine above the pump, enabling the hood of the machine to slope downward for visibility and to keep positive pressure into the pump supply hose. |
| Y X ___ N ___ | Supply hose to the pump to be protected high within the chassis. |
| Y X ___ N ___ | All hydraulic hoses restrained by rubber grommets and steel band clamps that have full protective coverage by the rubber grommet, preventing cuts and chaffing by the band clamps. |
| Y X ___ N ___ | The machine must be equipped with an auxiliary valve and controls, one way/two way flow with lines plumbed to the end of the dipper stick with quick couplers. |
| Y X ___ N ___ | Machine to have a ride control system with manual or automatic settings. |
| Y X ___ N ___ | Machine to have a loader 3 rd valve that is activated by a roller ball located on the loader joystick. |

AXLES

| | |
|--------------|---|
| Y <u>X</u> N | Automatic four-wheel braking to be supplied enabled by a switch on a console. |
| Y <u>X</u> N | Rear axle to have differential lock with "on-the-go" engagement. |
| Y <u>X</u> N | Heavy-duty rear axle to be semi-floating with self-adjusting inboard brakes. |

WHEELS

| | |
|--------------|--|
| Y <u>X</u> N | Front tires to be 12.5/80-18 12 ply traction tread and the rear tires to be 19.5Lx24 12 ply with traction tread. |
|--------------|--|

OPERATORS STATION

| | |
|------------------|--|
| Y ___ N <u>X</u> | Cab to have an air conditioner that provides the operator with a choice of fresh outside air drawn through filters or recirculating cab air. |
| Y <u>X</u> N | Operator to have complete control to disable, or lock, the backhoe Pilot Controls with a single switch on the console. |
| Y <u>X</u> N | The backhoe Pilot Controls locking switch must indicate the correct state of the controls, "locked" or "unlocked," and be lighted when "locked". |
| Y <u>X</u> N | Cab to be equipped with two doors and five opening windows and floor mat. |
| Y <u>X</u> N | Machine to have a horn, audible back up alarm and electric fuel system shut off. |
| Y <u>X</u> N | Operator's compartment must have laminated safety glass on front, windshield and tempered glass on all other windows. |
| Y <u>X</u> N | Cab to have a factory-installed heater/defroster with multiple speed blower with the control in reach from the front and rear of the machine. |
| Y <u>X</u> N | Heater to be a minimum rated capacity of 39,920 BTU and be equipped with a 500 cfm fan. |
| Y <u>X</u> N | Side instrument panel to include tachometer, fuel gauge, transmission/converter oil temperature gauge and coolant temperature gauge. |
| Y <u>X</u> N | Unit to have a lighted instrument panel located on the right side of the cab so that it is visible from both loader and backhoe operating positions. |
| Y <u>X</u> N | Unit to 2 front and 2 rear roading lights and 2 front and 2 rear working lights. |
| Y <u>X</u> N | Machine to have stop and turn signals with flashing hazard lamps visible from front and rear. |
| Y <u>X</u> N | Machine to have a clear view over the engine hood. The muffler to be located to the right side of the cab, not mounted thru the engine hood. |
| Y <u>X</u> N | A magnetic amber beacon to be supplied. |
| Y <u>X</u> N | An OSHA approved ROPS/FOPS cab to be supplied. |
| Y <u>X</u> N | A cloth covered air-suspension seat with a vertical adjustment and adjustable flip-up armrests to be supplied. |
| Y <u>X</u> N | With doors and windows closed, unit to have a maximum operator sound exposure of 78.5 dB(A) according to SAE J1166. |
| Y ___ N <u>X</u> | Stabilizer controls to be pilot operated and have an auto up feature. |
| Y <u>X</u> N | Tilt steering wheel to be supplied. |
| Y <u>X</u> N | Steering wheel to come with a spinner knob. |
| Y ___ N <u>X</u> | All rear window sections to open upwards and store overhead. |
| Y ___ N <u>X</u> | Each side of the cab to have two windows sharing a common hinge and be fastened together then swung to either a front or rear securing point to maximize cross flow ventilation. |
| Y <u>X</u> N | Cab to have front and rear windshield wipers/washers. |
| Y <u>X</u> N | To have one internal and 2 <i>external</i> rear view mirrors. |

BACKHOE

| | |
|------------------|--|
| Y ___ N <u>X</u> | Maximum boom width to 10 inches. |
| Y <u>X</u> N ___ | Backhoe to have a curved boom for its ability to work in confined areas and to reach over obstacles, allowing a minimum of 11" of clearance as measured in the deepest point from a plane. |
| Y ___ N <u>X</u> | Bucket digging force to be a minimum of 13,850 lbs. |
| Y ___ N <u>X</u> | Stick digging force to be a minimum of 9,750 lbs. |
| Y <u>X</u> N ___ | Backhoe reach, from the swing pivot to be a minimum 21'10" with a fully extended extendable stick. |
| Y ___ N <u>X</u> | Backhoe bucket to have a minimum of 204 degrees of bucket rotation in one pin position. |
| Y <u>X</u> N ___ | Backhoe to have a minimum cushioned swing arc of 180 degrees. |
| Y ___ N <u>X</u> | Extendible stick to be field adjusted in less than 30 minutes to eliminate excessive clearance, using simple hand tools such as hex head and allen head wrenches. |
| Y <u>X</u> N ___ | Extendible stick to have serrated edges to help clamp objects securely with bucket. |
| Y ___ N <u>X</u> | Extendible stick to be thumb-ready with thumb cylinder mounts and stops standard. |
| Y ___ N <u>X</u> | Extendible stick to be self-lubricating, adjusted with shims, and require no grease. |
| Y <u>X</u> N ___ | Boom cylinder to be exterior mounted for serviceability. |
| Y <u>X</u> N ___ | Stick cylinder to be exterior mounted for serviceability. |
| Y ___ N <u>X</u> | Backhoe to have an auto idle feature with the button located on the joystick. |
| Y ___ N <u>X</u> | Boom lift capacity with extendahoe retracted – 6' above ground to be a minimum 3,100 lbs. |
| Y ___ N <u>X</u> | Dipper lift capacity with extednahoe retracted – 6' above ground to be a minimum 6,350 lbs. |
| Y ___ N <u>X</u> | Dipper lift capacity with extendahoe fully extended – 6' above ground to be a minimum 2,250 lbs |

LOADER

| | |
|------------------|---|
| Y ___ N <u>X</u> | Loader parallelism must be accomplished mechanically for reliability. Controlling the tilt cylinder for parallelism is not acceptable. |
| Y ___ N <u>X</u> | Loader frame/linkage to be of a tool carrier design including a hydraulic quick coupler actuated from the cab. |
| Y <u>X</u> N ___ | Loader bucket will not roll back, and must not move under normal dig operations. |
| Y ___ N <u>X</u> | Loader breakout force to be a minimum 11,300 lbs. with the 1.3 cu. yd. multi purpose bucket. |
| Y ___ N <u>X</u> | Loader equipped with a quick coupler to have a lift capacity of no less than 7,600 lbs. at full height with a 1.3 cu. yd. multipurpose bucket. |
| Y <u>X</u> N ___ | Bucket rollback at ground to be a minimum of 39 degrees. |
| Y <u>X</u> N ___ | Bucket dump angle to be a minimum of 44 degrees. |
| Y <u>X</u> N ___ | Loader to be equipped with a return-to-dig mechanism. |
| Y <u>X</u> N ___ | Loader to be equipped with a lift cylinder brace to mechanically hold the loader arms in the raised position. |
| Y ___ N <u>X</u> | Loader arm torque tube to be constructed such that it is welded to each side of each loader arm section, providing maximum strength with minimal weld stress. |
| Y <u>X</u> N ___ | Loader linkage to incorporate a single, full width main tower pin for maximum strength and load distribution. |
| Y <u>X</u> N ___ | Loader arms to be divergent, widening toward the bucket. |
| Y <u>X</u> N ___ | Loader bucket to have a 2-piece bolt-on cutting edge for serviceability. |
| Y ___ N <u>X</u> | Loader bucket to be self-leveling for truck loading spoil and equipped with a bucket tilt indicator. |
| Y <u>X</u> N ___ | Loader bucket raise time to full height shall be no more than 4.5 seconds. |
| Y <u>X</u> N ___ | Backhoe to have stabilizer lock valves. |
| Y ___ N <u>X</u> | Stabilizer spread in the operating position to the center of the pad to be a minimum 10'7". |

WORK TOOL OPTIONS

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have a front hydraulic quick coupler that is manufactured by the backhoe manufacturer. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Machine to have a 1.3 cu. yd. capacity multipurpose bucket with bolt on cutting edges with a maximum width of 89". |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | A 24" HD backhoe bucket to be supplied. Bucket to be compatible with the villages currently owned coupler. |

SERVICEABILITY

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine oil, transmission oil, hydraulic oil, brake fluid, washer fluid, coolant, engine air filter, and engine air filter monitor to be consolidated service points, accessible under the hood with loader arms down. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Water and sediment to be drained from the fuel / water filter without raising the hood or opening an access panel. |

MINIMUM SERVICE FILL CAPACITIES

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Cooling system capacity to be a minimum 5.8 gallons. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine oil with filter capacity to be a minimum 2 gallons. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Fuel tank capacity to be a minimum 44 gallons. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Hydraulic system capacity to be a minimum 25 gallons. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Hydraulic tank capacity to be a minimum 11 gallons. |

OWNING AND OPERATING COSTS

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Front axles to have sealed king pin and center pendulum bearings. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Driveshaft universal joints to be maintenance free. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Engine to have a 500 hour oil change interval. |

ADDITIONAL FEATURES

| | |
|--|--|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Front counterweight to be a minimum 1000 lbs. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Stabilizer pads to be flip over design. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Machine to have an in cab backhoe control selectable switch from backhoe to ISO. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Cold weather starting package. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | To have a master battery disconnect. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | To have remote battery jumpstart terminals. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | To have a fully hinged front grill for cooling package cleanout. |
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | To have a fuel tank bottom guard. |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Loader to be a parallel lift design. |

WARRANTY

| | |
|--|---|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | One year with unlimited hours. There will be no time or mileage charges regardless of where the warranty work is performed while under the base warranty. |
|--|---|

DELIVERY

| | |
|--|------------------|
| Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | 90 days or less. |
|--|------------------|

Compliance with Specifications:

Exceptions: The bidder must itemize any and all variations from or exceptions to the conditions and specifications of this Bid Proposal. Such list must clearly identify the variance or exception by page number and paragraph number of these specifications. If no variation or exceptions are listed the Village of Brockport will assume none exists.

The Village of Brockport will verify compliance with specifications as submitted by the bidder prior to acceptance of the unit. Failure to provide this information will render bid proposal non-responsive. Minor deviations or differences due to manufacturing changes or processes may be acceptable at the Village of Brockport's sole discretion. Any such differences must be relatively minor in scope and may not be related to machine performance or capability.

Guaranteed Annual Buyback Option:

The Village of Brockport proposes the annual guaranteed buyback over a five (5) year period with the option of extending said agreement on an annual basis.

The one year cost of \$12.00/hour buyback per hour of usage will be used to calculate the Net trade difference. The village may elect to replace the currently awarded machine with a new machine of that year's current model with identical specifications, or pay for any upgrades.

This agreement must be mutually agreed upon annually by the village and the vendor prior to placing an order.

The Village of Brockport holds the right to opt out of this agreement within sixty (60) days of written notice.

The Village of Brockport shall be required to follow all of the manufacture's maintenance and service intervals in order to qualify for said guaranteed buyback.

****All Bidders must submit a copy of their Manufacturers Parts Pricing CD or DVD with the bid. Dealer fabricated copies will not be accepted.**

Village of Brockport Deviations

BASIC SPECIFICATIONS

Engine to be turbocharged with a minimum net horsepower of 98 at 1800 rpm per SAE J1349. - **97 at 2000RPM**

Machine to have a minimum wheelbase of 87". - **84"**

ENGINE

Coolant circulation to be provided by a gear-driven water pump, not solely belt driven. - **Belt Driven**

Engine air filter to have an automatic integrated dust ejection system that prevents more than 95% of the contaminated from embedding in the filter media. - **Evacuator Valve**

Engine to have a full flow spin-on type oil filter that is vertically mounted below the crankshaft centerline. - **Not below the crankshaft.**

Engine to have replaceable valve guides and valve seats for extended service life. - **No valve seats.**

Net peak torque at 1400 rpm to be a minimum 323 ft-lbs per SAE 1349. - **297 ft lbs**

Engine to be equipped with a turbocharged, four cylinders, direct injection diesel engine with high strength, cast iron alloy single block design without the use of wet or dry sleeves for high strength and long life. - **Wet sleeve liners for uniform cooling and longer durability than cast in block designs.**

POWERTRAIN/TRANSMISSION

Forward/reverse shuttle to be a contactless unit for reliability. - **Contact**

Units to be equipped with a transmission disconnect button on the gear shifter and loader control to allow full engine power to the loader. - **Loader control button**

Transmission is to be manufactured serviced and supported by the machine manufacture. - **ZF Powershift**

The automatically shifting transmission to have a manual override switch to allow the operator full control over the gear selection. - **Powershift 5 speed transmission on column.**

STEERING

Steering cylinder to be double acting with a 50 degree steering angle. - **45 degree steering angle**

BRAKES

Parking/secondary brakes to be independent of the service brake system, allow operator complete control for a modulated stop, and shall be mechanically applied and adjusted from the cab without the need for tools. - **Done electrically no need for tools.**

Service brakes to be completely enclosed and sealed using Kevlar as brake pad media. - **wet disc**

HYDRAULIC SYSTEM

Machine to be able to reach maximum lift capacity at any engine speed. - **No**

Hydraulic pump to be minimum 41 gpm. - **36 GPM**

Machine to have a variable displacement load sensing, axial piston pump for low idle lifting and maximum durability. - **Open center, gear type, tandem with unloader.**

OPERATORS STATION

Cab to have an air conditioner that provides the operator with a choice of fresh outside air drawn through filters or reticulating cab air. - **Fresh outside air**

Stabilizer controls to be pilot operated and have an auto up feature. - **No auto up**

All rear window sections to open upwards and store overhead. - **Section is move down**

Each side of the cab to have two windows sharing a common hinge and be fastened together then swung to either a front or rear securing point to maximize cross flow ventilation. - **Not fastened together.**

BACKHOE

Maximum boom width to 10 inches. - **12.5" at base then narrow's to 8.75"**

Bucket digging force to be a minimum of 13,850 lbs. - **11,990 lbs**

Stick digging force to be a minimum of 9,750 lbs. - **8,090 lbs**

Backhoe bucket to have a minimum of 204 degrees of bucket rotation in one pin position - **180 degrees**

Extendible stick to be field adjusted in less than 30 minutes to eliminate excessive clearance, using simple hand tools such as hex head and allen head wrenches. - **No adjustments**

Extendible stick to be thumb-ready with thumb cylinder mounts and stops standard. - **No**

Extendible stick to be self-lubricating, adjusted with shims, and require no grease. - **No adjust, no grease**

Backhoe to have an auto idle feature with the button located on the joystick. - **Automatic – auto shut-down and auto-idle**

Boom lift capacity with extendahoe retracted – 6' above ground to be a minimum 3,100 lbs. - **4' at 3,191 lbs**

Dipper lift capacity with extendahoe retracted – 6' above ground to be a minimum 6,350 lbs. - **4' at 2,184 lbs**

Dipper lift capacity with extendahoe fully extended – 6' above ground to be a minimum 2,250 lbs - **No**

LOADER

Loader parallelism must be accomplished mechanically for reliability. Controlling the tilt cylinder for parallelism is not acceptable. - **No mechanical linkage/bucket level indicator**

Loader frame/linkage to be of a tool carrier design including a hydraulic quick coupler actuated from the cab. - **Again no linkage but hyd quick coupler actuated from cab.**

Loader breakout force to be a minimum 11,300 lbs. with the 1.3 cu. yd. multipurpose bucket. - **9,650 lbs**

Loader equipped with a quick coupler to have a lift capacity of no less than 7,600 lbs. at full height with a 1.3 cu. yd. multipurpose bucket. - **6,600 lbs**

Loader arm torque tube to be constructed such that it is welded to each side of each loader arm section, providing maximum strength with minimal weld stress. - **No**

Loader bucket to be self-leveling for truck loading spoil and equipped with a bucket tilt indicator. - **Has bucket level indicator**

Stabilizer spread in the operating position to the center of the pad to be a minimum 10' 7". - **11' 7" for better stability**

Machine to have a 1.3 cu. yd. capacity multipurpose bucket with bolt on cutting edges with a maximum width of 89". - **92"**

SERVICEABILITY

Water and sediment to be drained from the fuel/water filter without raising the hood or opening an access panel. - **Access panel which does not need to be unbolted.**

MINIMUM SERVICE FILL CAPACITIES

Fuel tank capacity to be a minimum 44 gallons. - **41 gal.**

Hydraulic system capacity to be a minimum 25 gallons. - **23.6 gal.**

Hydraulic tank capacity to be a minimum 11 gallons. - **9.8 gal.**

ADDITIONAL FEATURES

Loader to be parallel lift design. - **Bucket level indicator**



FIVE STAR EQUIPMENT, INC.



60 PAUL ROAD, ROCHESTER, NEW YORK 14624
(585) 235-3011

CONDITIONS OF ONE (1) YEAR BUYBACK PROGRAM

1. All machine warranty repairs will be performed by Five Star Equipment, Inc.
2. Municipality shall maintain the machine in accordance with the Operator's manual.
3. Municipality shall use OEM oils and filters, no aftermarket will be accepted.
4. Municipality shall oil sample per the Operator's manual requirements. OEM oil sample kits shall be used.
5. Tires, teeth/cutting edges shall be at least 90% remaining. Tires with cuts into the cord of the tire shall be replaced.
6. Cab interior (seat/controls) are to be in "like new" condition. No cracked or broken glass, no torn seat cushions, and all controls and lights to be in operating condition.
7. Machine shall not be altered without the approval of Five Star Equipment, Inc.
8. Municipality shall keep the machine washed and clean to prevent unnecessary "rusting" due to the work environment.
9. If the Municipality deviates from any of these responsibilities, the buyback will become void.
10. Deere and Company continues to provide the current governmental discount structure and the pricing remains the same. Any price increases in regard to year, model, components, etc. will be passed along to the Municipality in addition to the cost per hour as stated in the bid. Municipality must purchase another Deere machine for the buyback program to remain in effect.

Signed: _____ Date: _____
Highway Superintendent

Signed: _____ Date: _____
Tim Garrett, Territory Manager, Five Star Equipment, Inc.

Other Locations:

1300 DUNHAM DRIVE, DUNMORE, PA 18512 • (570) 346-1701
711 ROUTE 199, P.O. BOX 250, ATHENS, PA 18810 • (570) 882-8800
46 ROUTE 97, WATERFORD, PA 16441-0385 • (814) 796-2663
2585 LYCOMING CREEK ROAD, WILLIAMSPORT, PA 17701 • (570) 494-4030

P.O. BOX 985, 284 ELLICOTT ROAD, ORCHARD PARK, NY 14127 • (716) 662-2191
1653 NY RT. 11, P.O. BOX 383, KIRKWOOD, NY 13795 • (607) 775-2006
6500 E. TAFT ROAD, EAST SYRACUSE, NY 13057-9637 • (315) 452-4560
2705 HAMILTON EAST, BUS. RT. 209 STROUDSBURG, PA 18360 • (570) 424-1652