REQUEST FOR BID
Date: 03/03/09
Bid #09-05DS

RETURN BY OPENING TIME TO:
Purchasing Division
RM 100 City Hall
411 West 1st Street
Duluth, MN 55802

Genie Model Z-45/25J-RT
Self Propelled Articulating Boom

Buyer: Dennis Sears
Phone: 218-730-5003
Fax: 218-730-5922

BID OPENING AT 2:00 PM ON Thursday, March 26, 2009
Note: All bids must be written, signed, and transmitted in a sealed envelope, plainly
marked with the bid number, subject matter, and opening date. The City of Duluth
reserves the right to split award where there is substantial savings to the city, waive
informalities and to reject any and all bids. Bidder should state in proposal if bid is
based on acceptance of total order. Sales tax is not to be included in the unit price.
Bidder to state freight charges if, proposal is F.O.B. shipping point, freight not
allowed. Low bid will not be the only consideration for award of bid. All pages must be
signed or initialed by authorized bidder’s representative as indicated at the bottom of
the page(s) of the request for bid forms.

RETURN BID IN DUPLICATE WITH DUPLICATE DESCRIPTIVE LITERATURE
FOR BID RESULTS, ENCLOSE A SELF-ADDRESS, STAMPED ENVELOPE WITH BID
WWW.CI.DULUTH.MN.US/CITY/SERVICES/PURCHASING

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Qty</th>
<th>U/OM</th>
<th>Description</th>
<th>Unit Price</th>
<th>Total Price</th>
</tr>
</thead>
</table>

(See Next Page for Description)

Vendor E-mail Address
Freight Charges N/A

Name
Addr

Total Bid Price
(To include any additional pages)

Payment Terms

F.O.B. Point N/A

Delivery Date

The City of Duluth is an Equal Opportunity Employer
<table>
<thead>
<tr>
<th>Item No.</th>
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<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>01</td>
<td>ea</td>
<td>New Genie model Z-45/25J-RT self propelled articulating boom w/standard options 5’ Jib Boom, Deutz diesel power supply, 4 wheel drive, rough terrain foam filled tires (per attached specifications)</td>
<td>$_____</td>
<td>$_____</td>
</tr>
<tr>
<td>02</td>
<td>01</td>
<td>ea</td>
<td>Used/Lease Return - Genie model Z-45/25J-RT self propelled articulating Boom w/ 5’ Jib boom, diesel power supply, 4 wheel drive, rough terrain foam filled tires. Supplied unit should be no more than 2 years old and have a maximum of 1500 hours usage. Unit supplied must have annual inspection performed before delivery. (per attached specifications)</td>
<td>$_____</td>
<td>$_____</td>
</tr>
</tbody>
</table>

*NOTE* Your bid may be for one or both of these units. The City of Duluth intends to purchase either, a new unit or a used unit, but not both.
Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS
- Steel 6 ft (1.83 m) (standard)
- Steel 4 or 5 ft (1.22 or 1.52 m)
- Steel 6 ft (1.83 m) tri-entry**

JIB OPTIONS
- Non-jib
- 5 ft (1.52 m) jib boom

POWER OPTIONS
- Ford gas/LPG 75 hp (56 kW)
- Deutz diesel 48 hp (35.8 kW)
- Perkins diesel 51 hp (38 kW)

DRIVE OPTIONS
- 2WD
- 4WD

AXLE OPTIONS
- Active oscillation (standard on 4WD)
- Non-oscillating

TIRE OPTIONS
- Rough terrain air-filled (standard)
- Rough terrain foam-filled
- Rough terrain non-marking (air or foam-filled)
- High flotation
- Sealant treated air-filled

STANDARD FEATURES

MEASUREMENTS
Z™-45/25 JRT
- 51 ft 11 in (16.00 m) working height
- 25 ft (7.62 m) horizontal reach
- 23 ft 6 in (7.16 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

Z™-45/25JRT
- 52 ft 2 in (16.07 m) working height
- 25 ft 1 in (7.65 m) horizontal reach
- 23 ft 6 in (7.16 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

PRODUCTIVITY
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional controls
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 355° non-continuous turntable rotation
- Positive traction drive
- Two speed wheel motors

POWER
- All engines are emissions compliant
- 12 V DC auxiliary power
- Engine protection package
- Deutz intake air heater
- Swing out engine tray

* Reduces platform capacity to 440 lbs
** Not available on CE machines

Options & Accessories

PRODUCTIVITY
- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Thumb rocker steer
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Standard aircraft protection package*
- Deluxe aircraft protection package*
- Basic hostile environment kit
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Alarm package
- Panel cradle package
- Platform work lights
- Front driving lights
- Lockable platform control box cover
- Tow package

POWER
- Engine gauge package
- AC generator packages (110V/60Hz, 3000W or 220V/50Hz, 2500W)
- Cold Weather Packages
- Arctic Packages
- Diesel scrubber/spark arrestor muffler
- Diesel spark arrestor muffler
- LPG tank 33.5 lb (15.19 kg) capacity
- Additional LPG tank with carrier
- Retained key selector switch

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18340 NE 76th Street
PO. Box 97080
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Toll Free in USA/Canada +1 (800) 536-1600
Fax +1 (425) 863-3475

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Newark NG24 2DE
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Fax +44 (0)1476 584334
Email: infoeurope@genleind.com

Distributed By:

Effective Date: July, 2008. Product specifications and prices are subject to change without notice or obligation. The photographs and drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the Operator's Manual when using the equipment or to otherwise act irresponsibly may result in serious injury or death. The warranty applicable to our equipment is the standard written warranty applicable to the particular product and is as described in the Operating Manual, and is not to be varied by any oral statements, claims, or written matter of any type. No other warranties are expressed or implied. Terex Corporation, Genie Industries, Inc. and/or their subsidiaries in the U.S.A. and many other countries and all rights are reserved. Terex® is a Registered Trademark of Terex Corporation in the U.S.A. and many other countries. Genie® is a Registered Trademark of Genie Industries, Inc. in the U.S.A. and many other countries. Genie is a Terex Company. © 2008 Terex Corporation.

www.genieindustries.com
# SELF-PROPELLED ARTICULATING BOOMS

### Specifications

#### MODELS

<table>
<thead>
<tr>
<th>Z™-45/25 RT</th>
<th>Z™-45/25J RT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MEASUREMENTS</strong></td>
<td><strong>MEASUREMENTS</strong></td>
</tr>
<tr>
<td>Working height maximum*</td>
<td>61 ft 11 in</td>
</tr>
<tr>
<td>Platform height maximum</td>
<td>45 ft 11 in</td>
</tr>
<tr>
<td>Horizontal reach maximum</td>
<td>25 ft 7 in</td>
</tr>
<tr>
<td>Lip and over clearance maximum</td>
<td>23 ft 8 in</td>
</tr>
<tr>
<td>Platform length</td>
<td>2 ft 6 in</td>
</tr>
<tr>
<td>Platform width</td>
<td>6 ft</td>
</tr>
<tr>
<td>Height - stowed</td>
<td>6 ft 11 in</td>
</tr>
<tr>
<td>Length - stowed</td>
<td>18 ft 3 in</td>
</tr>
<tr>
<td>Width</td>
<td>7 ft 6 in</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>6 ft 6 in</td>
</tr>
<tr>
<td>Ground clearance - center</td>
<td>1 ft 3.5 in</td>
</tr>
</tbody>
</table>

#### PRODUCTIVITY

- Lift capacity: 500 lbs / 227 kg
- Platform rotation: 180°
- Vertical JB rotation: 135°
- Turntable rotation: 355° non-continuous
- Turntable tailswing: zero
- Drive speed - stowed: 5.0 mph / 8.0 km/h
- Drive speed - raised**: 0.68 mph / 1.1 km/h
- Gradeability: 2-WD - stowed**: 30%
- Gradeability: 4-WD - stowed**: 45%
- Turning radius - inside: 5 ft 6 in / 1.70 m
- Turning radius - outside: 14 ft 9 in / 4.50 m
- Controls: 12 V DC proportional
- Tires: 355/55 D525

#### POWER

- Power source: Ford DSG-423 4 cylinder gas/LPG 75 hp (56 kW)
  - Deutz diesel D2011L06G 3 cylinder diesel 49 hp (35.8 kW)
  - Perkins diesel 404-D22 4 cylinder diesel 51 hp (36 kW)
- Auxiliary power unit: 12 V DC
- Hydraulic tank capacity: 24 gal / 90.8 L
- Fuel tank capacity: 17 gal / 64.4 L

#### WEIGHT****

- 2WD: 13,575 lbs / 6,294 kg
- 4WD: 13,575 lbs / 6,294 kg

### RANGE OF MOTION

#### Z™-45/25 RT

- 0 ft to 55 ft / 0 m to 16.7 m

#### Z™-45/25J RT

- 0 ft to 55 ft / 0 m to 16.7 m

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* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.
** In lift mode (platform raised), the machine is designed to operate on firm, level surfaces only.
*** Gradeability applies to driving on slopes. See operator’s manual for details regarding slope ratings.
**** Weight will vary depending on options and/or country standards.

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