REQUEST FOR BID
Date: 09/18/09
Bid #09-0295

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 Tuesday, October 6, 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-ADDRESSED, STAMPED ENVELOPE WITH BID
WWW.CI.DULUTH.MN.US/CITY/SERVICES/PURCHASING

Designated F.O.B. Point
Duluth, MN

Tax: Federal Excise Tax Exemption
Account No. 41-74-0056 K

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<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

By: (print title)

Payment Terms

F.O.B. Point N/A

Delivery Date

The City of Duluth is an Equal Opportunity Employer

An Equal Opportunity Employer
<table>
<thead>
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<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</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>
SELF-PROPELLED ARTICULATING BOOMS

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 RT
• 51 ft 11 in (15.60 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™-45/25J RT
• 52 ft 2 in (16.77 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

Genie Europe
Millennium House
Brunel Drive
Newark NG24 2DE
UK
Telephone +44 (0)1476 584333
Fax +44 (0)1476 584554
Email: infoeurope@genielnd.com

Distributed By:

www.genieindustries.com
# Specifications

## Models

<table>
<thead>
<tr>
<th>Measurements</th>
<th>Z™-45/25 RT</th>
<th>Z™-45/25J RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Height Maximum*</td>
<td>51 ft 11 in</td>
<td>52 ft 2 in</td>
</tr>
<tr>
<td>Platform height Maximum</td>
<td>45 ft 11 in</td>
<td>46 ft 2 in</td>
</tr>
<tr>
<td>Horizontal reach Maximum</td>
<td>25 ft</td>
<td>25 ft 1 in</td>
</tr>
<tr>
<td>Up and Over Clearance Maximum</td>
<td>23 ft 6 in</td>
<td>23 ft 5 in</td>
</tr>
<tr>
<td>Platform Length</td>
<td>2 ft 6 in</td>
<td>2 ft 5 in</td>
</tr>
<tr>
<td>Platform Width</td>
<td>6 ft 1 in</td>
<td>6 ft 1 in</td>
</tr>
<tr>
<td>Height - Stowed</td>
<td>16 ft 11 in</td>
<td>16 ft 11 in</td>
</tr>
<tr>
<td>Length - Stowed</td>
<td>10 ft 3 in</td>
<td>10 ft 3 in</td>
</tr>
<tr>
<td>Width</td>
<td>7 ft 6 in</td>
<td>7 ft 6 in</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>6 ft 9 in</td>
<td>6 ft 9 in</td>
</tr>
<tr>
<td>Ground Clearance - Center</td>
<td>1 ft 3 3/4 in</td>
<td>1 ft 3 3/4 in</td>
</tr>
</tbody>
</table>

## Productivity

<table>
<thead>
<tr>
<th>Feature</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity</td>
<td>800 lbs</td>
<td>227 kg</td>
</tr>
<tr>
<td>Platform Rotation</td>
<td>180°</td>
<td>180°</td>
</tr>
<tr>
<td>Vertical Jib Rotation</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Turntable Rotation</td>
<td>360° non-continuous</td>
<td>360° non-continuous</td>
</tr>
<tr>
<td>Turntable Tailswing</td>
<td>zero</td>
<td>zero</td>
</tr>
<tr>
<td>Drive Speed - Stowed</td>
<td>5.0 mph</td>
<td>8.0 km/h</td>
</tr>
<tr>
<td>Drive Speed - Raised</td>
<td>0.88 mph</td>
<td>1.1 km/h</td>
</tr>
<tr>
<td>Gradeability - 2WD - Stowed***</td>
<td>30%</td>
<td>30%</td>
</tr>
<tr>
<td>Gradeability - 4WD - Stowed***</td>
<td>45%</td>
<td>45%</td>
</tr>
<tr>
<td>Turning Radius - Inside</td>
<td>5 ft 6 in</td>
<td>1.7 m</td>
</tr>
<tr>
<td>Turning Radius - Outside</td>
<td>14 ft 9 in</td>
<td>4.5 m</td>
</tr>
<tr>
<td>Controls</td>
<td>12 V DC Proportional</td>
<td>12 V DC Proportional</td>
</tr>
<tr>
<td>Tires</td>
<td>255/85 R25</td>
<td>255/85 R25</td>
</tr>
</tbody>
</table>

## Power

- **Power Source**: Ford DSG-423 4 cylinder gas/LPG 75 hp (56 kW)
- **Auxiliary power unit**: 12 V DC
- **Hydraulic tank capacity**: 24 gal (90.8 L)
- **Fuel tank capacity**: 17 gal (64.4 L)

## Weight

<table>
<thead>
<tr>
<th>Type</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>2WD</td>
<td>13,875 lbs</td>
<td>6,294 kg</td>
</tr>
<tr>
<td>4WD</td>
<td>13,875 lbs</td>
<td>6,294 kg</td>
</tr>
</tbody>
</table>

## Standards Compliance

ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

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*The metric equivalents of working height adds 2 m to platform height, U.B. adds 6 ft to platform height.

**In lift mode (platform raised), the machine is designed to operate on firm, level surfaces only.

***Gradability applies to operating on slopes. See operator's manual for details regarding slope ratings.

****Weight will vary depending on options and/or country standards.

[www.genleindustrias.com](http://www.genleindustrias.com)