



Rhode Island Convention Center Authority  
Request for Proposals  
Compact Skid Steer Loader w/Telescopic Boom  
A JCB Model 3TS-8W or Equivalent

Proposals must be submitted by 2:00 pm on Monday, November 27, 2017 to Robert Lauro, Director of Operations, Dunkin' Donuts Center; One LaSalle Square; Providence Rhode Island 02903.

## Overview

The Rhode Island Convention Center Authority (Authority) is a public corporation created by the Rhode Island General Assembly to facilitate the construction and development of a convention center, parking garages, and related facilities such as the Dunkin' Donuts Center. The Authority contracts a management group or groups to manage the daily operations of the facilities as stated.

### Required

1. Respondents will provide at least three references similar to that being proposed. References will include the following:
  - \* Client Description
  - \* Description of product
  - \* Length of relationship
2. Copy of Contractor License and OSHA Card.
3. Certificate of Liability insurance

## **PART I - INTRODUCTION/INFORMATION**

### **1. PURPOSE**

The following specifications are intended to describe the minimum requirements for a JCB Model 3TS-8W Compact Skid Steer compact loader w/Telescopic Boom or equivalent with a Paladin Sweepster 84" angle Broom Attachment or equivalent.

### **2. ELIGIBILITY**

To be eligible to respond to this RFP, proposing firm must include with their proposal a satisfactory work history (no less than 3 references) of providing similar services for other accounts.

## **PART II - RFP SCHEDULE**

Release RFP	11/10/2017
Last Date for Receipt of Questions	11/22/2017
<b>PROPOSAL DUE (Prior to 2:00 PM)</b>	<b>11/27/2017</b>

### **PART III – INSTRUCTIONS TO PROPOSERS**

1. Proposer must propose to execute all phases of the proposal in a single bid. The proposal must be signed by an officer of your firm with the authority to commit the firm.
2. It is the intent of the Dunkin' Donuts Center to purchase items that are operable within the system outlined in this RFP; therefore, the Proposer is required to deliver a complete, working product. Should it be discovered that the Proposer failed to identify equipment required for fully operational systems, the Proposer shall supply those items at no charge to the Dunkin' Donuts Center. This includes ALL hardware.
3. All prices shall be **FOB Dunkin' Donuts Center**, One LaSalle Square; Providence, Rhode Island 02903.
4. A physical inventory list of the ordered equipment shall be provided to the Dunkin' Donuts Center upon delivery. Brand, model, and serial numbers shall be included.
5. Detailed Schematic/Technical Drawings shall be provided to the Dunkin' Donuts Center upon delivery. Brand, model, and serial numbers shall be included.
6. The successful Proposer must maintain a local service department within a 50 mile radius of the Dunkin' Donuts Center and stock sufficient replacement parts and equipment components to provide the specified warranty service. The contractor must be able to provide prompt, on-site service not to exceed a 24 hours response time, Monday through Friday.
7. Delivery (including inside delivery to site) must be included in proposal.
8. Proposals received by the Dunkin' Donuts Center after the submission deadline will be considered void and unacceptable.
9. The contract awarded as a result of this RFP will be a firm one-time contract.

## **PART IV – SCOPE OF PROJECT**

The machine shall be new and of the latest state of the art current production model. The design and manufacturer of the equipment shall be suitable for the intended use of the machine. Materials and finish shall be of the type to resist wear and corrosion from normal use and natural elements. The machine shall meet or exceed the following specifications:

### **1.0 - LOADER SPECIFICATIONS:**

The intended machine shall have:

- 1.1 A box fabricated steel single arm boom with a radial and vertical lift design. Inner boom for extend/retract capabilities operated by hydraulic ram.
- 1.2 A standard Electronic Attachment Leveling (raise lower) circuit with an on/off electric switch
- 1.3 A tilt cylinder mounted internally in boom, to give excellent load visibility and ease of raising cab with boom in any position
- 1.4 An attachment rollback angle at ground level of not less than 30 degrees
- 1.5 A bucket dump angle at full height of not less than 42 degrees.
- 1.6 No less than 24 gpm standard flow auxiliary hydraulic service and high flow auxiliary service with no less than 33 gpm flow.
- 1.7 An auxiliary hydraulic circuit that can be operated in the momentary or locked position to allow hydraulically driven attachments to function.
- 1.8 An electric over hydraulic boom float suitable for grading work.
- 1.9 An SAE operating capacity of not less than 3,208 lb. retracted and 1347 lb. when arm is extended.
- 1.10 A loader bucket breakout force of not less than 8715 lb.
- 1.11 A bucket dump clearance of not less than 13 feet 3 inch.
- 1.12 A loadover height of not less than 12 feet 3 inches.
- 1.13 A hingepin height of not less than 13 feet 3 inches.
- 1.14 A tipping load of not less than 6,418 lb. retracted and 2,694 lb. extended.
- 1.15 A Maximum reach at ground level of no less than 3 feet 6 inches retracted, 7 feet 4 inches extended.
- 1.16 A maximum reach at full height of no less than 3 feet 6 inches retracted, 5'7" inches extended.
- 1.17 A reach at full height - fully dumped of not less than 4 feet 3 inches.

### **2.0 - THE MAINFRAME:**

The intended machine shall have:

- 2.1 A single low slung loader tower for operator visibility.
- 2.2 A steel fuel tank located within the loader tower for improved durability with drain access point.
- 2.3 A removable composite hydraulic tank with internal hydraulic filter
- 2.4 A hydraulic filling point positioned behind rear service door.
- 2.5 A longitudinally mounted engine for improved access to the serpentine belt and serpentine belt driven components.

### 3.0 - POWERTRAIN and DRIVELINE PERFORMANCE:

The intended machine shall have:

- 3.1 EcoMAX TCAE-55 (4cyl) 74 HP with no fuel after treatment i.e. No DEF Fluid (diesel engine fluid), or DPF Filter (Diesel Particulate Filter) Requiring periodic regeneration cycles.
- 3.2 A gross horsepower of not less than 74HP at 2,400 RPM
- 3.3 Electric over hydraulic servo, low lever effort direct flow gear pump for loader arm functions and AUX functions.
- 3.4 High efficiency, high torque drive motors.
- 3.5 A spring applied, hydraulically released disc type park brake system, in each of the two drive motors.
- 3.7 A two speed travel option that is not less than 6.8 MPH in low speed and not less than 12.4 MPH in high speed in both forward and reverse.
- 3.8 A 12 volt electrical system that meets IP 69 electrical standards on all areas exposed to pressure washing and IP 67 on all non exposed areas.

### 4.0 - HYDRAULICS:

The intended machine shall have:

- 4.1 Crankshaft driven gear pumps with not less than 24 gpm standard auxiliary flow with a 33 gpm high flow auxiliary circuit.
- 4.2 Electric over hydraulic servo controls available in pilot control configuration where travel is achieved by left control handle and loader functions are achieved by moving right control handle (lift and tilt).
- 4.3 Auxiliary couplers located on the single loader arm on the right hand side of the machine.
- 4.4 Standard multifunction joysticks option that allows the machine to operate multi circuit attachments and includes a 14-pin electrical connection that is located with the auxiliary couplers.
- 4.4.1 The multifunction joystick will have a left thumb switch on the left joystick that is used to active auxiliary hydraulics.

### 5.0 - OPERATOR'S AREA:

The intended machine shall have:

- 5.1 An operator's compartment that is accessible through a large side mounted door, which reduces the risk of injury by allowing the operator to enter and exit the machine without having contact with loader arms and attachments.
- 5.2 Full ROPS and Level 1 FOPS with optional Level 2 FOPS.
- 5.3 A cab or canopy independently mounted to the chassis, for cost effective replacement in the event of damage, and for transportation purposes.
- 5.4 A pressurized and sealed cab option including heater, defroster and front windshield washer. A high output air conditioning system is available as an option.
- 5.4.1 The condenser for the optional air conditioning is to be attached to the back side of the cab and located above the rear window for increased service access and shall be located in a manner that will not increase the machine height nor obstruct visibility.
- 5.4.2 A windshield washer bottle located outside of the cab to eliminate fluid being spilled in the operator area on all models that include a windshield wiper.

- 5.5 A standard vinyl air ride suspension seat with independently adjustable control pods to provide greater operator comfort.
- 5.6 A large emergency exit via the front windshield for increased safety.

#### 6.0 - SERVICEABILITY:

The intended machine shall have:

- 6.1 A forward tilting cab that will provide access to hydraulic components, including: pumps, motors, pipes, hoses, filters, and fittings.
- 6.2 Rear serviceability through a lockable rear opening service door, allowing access to all daily check points, engine oil level, coolant level, air filter, hydraulic oil level, battery, hydraulic tank, serpentine belt and serpentine belt driven components.
- 6.3 Ground level accessible fuel, hydraulic oil, engine oil, and coolant fill points.
- 6.4 Remote drain lines for engine oil, coolant, and hydraulic system that are accessible through a removable inspection cover.
- 6.5 O Ring Face Seals (ORFS) on hydraulic connection points to increase overall quality.

#### 7.0 - GENERAL SPECIFICATIONS:

The intended machine shall have:

- 7.1 A machine operating weight of not less than 9,800 lb.
- 7.2 An overall height of not more than 6 feet 11 inches
- 7.3 A width over the wheels of not more than 6 feet
- 7.4 An overall length with standard bucket of not more than 12 feet 5 inches  
Retracted, 16 feet 1 inch extended.
- 7.5 A departure angle of not less than 29 degrees
- 7.6 A fuel tank capacity of not less than 27.2 U.S. gallons
- 7.7 A coolant system capacity of not less than 4.1 U.S. gallons
- 7.8 A standard hydraulic system of not less than 15.9 U.S. gallons including the tank
- 7.9 An engine oil capacity of not less than 3.7 U.S. gallons.
- 7.10 At least 270 degrees of unobstructed visibility of the total 360 degrees all around area.

- The machine shall carry a full satisfaction guarantee – If not satisfied with the performance of the machine within the first six months, machine may be returned for a full refund, including any freight charges.
- The machine manufacturer shall provide parts and service manuals with the machine. The machine unit shall include parts, maintenance, and shop service manuals. One copy of each in printed form and two e-copies on two separate memory sticks.
- The machine shall be delivered complete and ready for operation.
- Once delivered, a factory-direct sale representative and a factory-direct service representative shall install the machine on-site.
- Five references for the exact machine bid used in similar applications in New England are to be provided with names and telephone numbers.

**Warranty:** Contractor shall warrant that all items or service shall conform and perform to the proposed specifications and all warranties as stated, and be free from all defects in material and workmanship for a (1) year period.

**Optional:** Proposer is encouraged to submit an estimate to provide extended warranty coverage, or Service plan for a period of Three (3) years after initial warranty has expired on product.

## **RIGHTS RESERVED TO THE AUTHORITY**

Whenever the Authority deems it to be in the Authority's best interest, the Authority reserves the right, in its sole discretion, to cancel this RFP, to reject any and all proposals, to waive minor irregularities or informalities in a proposal; to re-advertise; and to proceed in a manner other than awarding a contract under this RFP. The Authority will not waive the requirement that qualifications and proposals be received by the Authority prior to the deadline for submission.

The Authority reserves the right to cancel negotiations with any proposer at any time prior to a contract being fully executed by the proposer and the Authority.

The Authority reserves the right to interview any or all proposers.

In addition to any other cause for rejection of a submittal stated in this RFP, a proposal may also be rejected if there is evidence of collusion among proposers, if the proposer submitting it is in default or arrears under any prior or existing contract with the Authority or any other State of Rhode Island department or agency, or there is an unresolved claim between the proposer and the Authority or any other State of Rhode Island department or agency.

Any direct contacts made or attempted to be made by any proposer with any Authority Board member prior to the selection of qualified proposers will automatically disqualify a proposer from any further consideration.

Proposals are considered to be irrevocable for a period of not less than sixty (60) days following the opening date, and may not be withdrawn except with the express written approval of the Authority's Executive Director.

Proposers are advised that the Authority is a quasi-public agency of the State of Rhode Island and its records, including statements submitted in response to RFP's are public records unless otherwise exempted under state law.

**THE RHODE ISLAND CONVENTION CENTER AUTHORITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.**



## **BID SHEET**

Name of Company  
or Corporation: \_\_\_\_\_

Company Address: \_\_\_\_\_

State and Date of Incorporation: \_\_\_\_\_

Project Manager to be Assigned: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

### **PRINCIPALS AND/OR MEMBERS OF CORPORATION**


Quote Price Dunkin' Donuts Center : \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_