



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**Request for  
 Quotation**

RFQ NUMBER  
 DNR209046

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 FRANK WHITTAKER  
 304-558-2316

RFQ COPY  
 TYPE NAME/ADDRESS HERE

**PLAYGROUND SPECIALISTS, INC.**  
 17352 N. SETON AVE.  
 EMMITSBURG, MD 21727

DIVISION OF NATURAL RESOURCES  
 LOST RIVER STATE PARK  
 ATTN: PARK SUPERINTENDENT  
 ROUTE 2, BOX 24  
 MATHIAS, WV  
 26812 897-5372

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/09/2008				

BID OPENING DATE: 11/06/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
<p>PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FOR NEW PLAYGROUND EQUIPMENT FOR LOST RIVER STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>A SITE WALK THROUGH WILL BE CONDUCTED ON 10/21/08 AT 11:00 AM IT IS THE VENDOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE PLAYGROUND SITES.</p> <p>TECHNICAL QUESTIONS MAY BE SUBMITTED IN WRITING TO FRANK WHITTAKER VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX 304-558-4115. DEADLINE FOR TECHNICAL QUESTIONS IS 10/24/08 AT 3:00 PM.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT</p>						

RECEIVED  
 2008 OCT 29 P 12:46  
 PURCHASING DIVISION  
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *See Self* TELEPHONE 800/355-0075 DATE 10/27/08  
 TITLE SALES MANAGER FEIN 52-2132887 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 DNR209046

PAGE  
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 FRANK WHITTAKER  
 804-558-2316

RFQ COPY  
 TYPE NAME/ADDRESS HERE

DIVISION OF NATURAL RESOURCES  
 LOST RIVER STATE PARK  
 ATTN: PARK SUPERINTENDENT  
 ROUTE 2, BOX 24  
 MATHIAS, WV  
 26812 897-5372

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/09/2008				

BID OPENING DATE: 11/06/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>RFQ NO.: DNR209046</p> <p>BID OPENING DATE: 11/06/2008</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 301/271-9239</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	<i>[Signature]</i>	TELEPHONE	800/385-0075	DATE	10/27/08
TITLE	Sales Manager	FAX	52-2132-887	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
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# Request for Quotation

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PAGE  
 3

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 FRANK WHITTAKER  
 304-558-2316

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF NATURAL RESOURCES  
 LOST RIVER STATE PARK  
 ATTN: PARK SUPERINTENDENT  
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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/09/2008				

BID OPENING DATE: 11/06/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UCP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				301/271-9089		
CONTACT PERSON (PLEASE PRINT CLEARLY):						
				STEVEN SCIFER		
***** THIS IS THE END OF RFQ DNR209046 ***** TOTAL:						\$22,865.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE St Self TELEPHONE 800/385-0075 DATE 10/27/08  
 TITLE SALES MANAGER FEIN 52-2132887 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

Item No	Quantity	Description	Unit Price	Amount
		<p>To supply playground equipment for two separate playground areas at Lost River State Park, Mathias, West Virginia. Additionally, the Request For Quotation includes the purchase of equipment for a family fitness trail. Park personnel will install the playground equipment. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.</p>		
1	1	<p><i>PLAYWORLD EQUAL - SEE SPECS</i>  <b>Recreation Building Playground</b></p> <p>This swing set will offer play activities for children ages eighteen (18) months to four (4) years</p> <p>Henderson Recreation Equipment heavy duty swing, Model # SW320, or equal. Swing must be a minimum of 8 ft (2438) mm in height with a minimum of 3.5 inch (89) mm O D x 8 gauge (4mm) galvanized steel top bar; must have heavy duty swing bearings, swing chain and two slash-proof baby seats, Henderson Recreation Equipment, Model # SS042, or equal; infant seat must be fully enclosed and a minimum of 3/8 inch (10mm) EPDM rubber and polymer blend with a vandal-proof insert and heavy duty rust proof hardware; and color must be forest green and dark brown F O B Destination. Freight or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.</p>	\$1398.00	
		<p><i>PLAYWORLD EQUAL - CASTLE ROCK</i>  <b>Hillside across from Recreation Building</b> <i>SEE SPECS</i></p> <p>This rock climber will offer play activities for children ages five (5) to twelve (12) years.</p>		
2	1	<p>Cre8play climbing rock-strato rock climber, Model # STRATO-1 or equal. Climber must be a minimum of 9' in height and dimensions must be a minimum of 11'6" x 14'6". F.O B Destination. Freight and or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.</p>	\$16375.00	

Item No	Quantity	Description	Unit Price	Amount
		<p><b>Game Hill Area</b>                      The family fitness trail will provide exercise activities for children ages five (5) to twelve (12); children twelve years and older; and adults.</p>		
3	1	<p><i>PLAYWORLD - WHIRLIGIG - SIX SPINNS</i>                      Miracle log roll, Model #822, or equal Log roll must have a minimum of two posts with handholds supporting a horizontal textured cylinder upon which users may stand and cause to spin by walking or running. Posts must be a minimum of 106" long (pipe length before end cap) and must be constructed of a minimum of 5" pipe with a minimum of 5" round end caps mechanically fastened at top end Handholds must be a minimum of 1" pipe and welded to the posts. Textured cylinder must have a minimum diameter of 48" by 16" and must be constructed of medium density polyethylene and a minimum axle of 1" pipe Assembly must contain Versalok Fasteners and Fastener style A hardware Posts and clamps must have a Mira-Cole finish. Colors must be forest green and dark brown and colors must be molded in the log roll. F O B Destination. Freight and or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.</p>	<p><i>\$1676.00</i></p>	

Item No	Quantity	Description	Unit Price	Amount
4	1	<p>Miracle Power pedaler, Model #82, or equal. Ground space must be a minimum of 1'-0"x4'-5" and a 4'-0"x17'-0" protective area. Freestanding power pedalers are dynamic levers mounted between posts which users operate with arms, legs, or both. Arms operated lever must be constructed of a minimum of formed 1" tube and legs operated lever must be constructed of formed 1" pipe solid welded with 2" square tube and 12 gage end caps. Each lever must contain two hand or foot grips constructed of high density polyethylene mechanically fastened. Support weldment sleeves must be constructed of a minimum of 5" Sch 40 pipe with U-shaped rails of a minimum of 1" pipe, 12 gage and mounting plate of 7 gage galvanized sheet, all solid welded. Posts must be constructed of a minimum of 5" tube with a 5" round end cap pressed into its top end. Post length must be a minimum of 106" before cap. Assembly must contain Fastener Style A hardware. Lever rails, posts, and support weldments must be finished with Mira-Cote. Colors must be forest green and dark brown and hand or foot grips shall have color molded.</p> <p><i>PLAYWORLD GYROBOUNCE SICR SPRC</i></p>	<p><i>\$1544.00</i></p>	
5	1	<p>Healthy Circuit Adult Sit Up, Model 161004, or equal. Sit up dimensions must be a minimum of 62-1/2"x40-1/2" and color must be forest green and dark brown. F.O.B. Destination Freight and or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.</p>	<p><i>PLAYWORLD SIT-UP W/SIGN \$1126.00</i></p>	
6	1	<p>Healthy Circuit Adult Health Walker, Model #161005, or equal. Walker dimensions must be a minimum of 39"x21" and color must be forest green and dark brown. F.O.B. Destination Freight and or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.</p>	<p><i>PLAYWORLD STEP-UP W/SIGN \$746.00</i></p>	
			<p><b>TOTAL</b></p>	

*SEE SPECS*

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**VENDOR OWING A DEBT TO THE STATE:**

*West Virginia Code §5A-3-10a* provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate

**PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:**

*West Virginia Code §21-1D-5* provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun

**ANTITRUST:**

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud I further certify that I am authorized to sign the certification on behalf of the bidder or this bid

**LICENSING:**

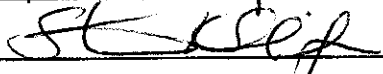
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated

Vendor's Name: PLAYGROUND SPECIALISTS INC

Authorized Signature:  Date: 10/27/08



# State of West Virginia VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37 (Does not apply to construction contracts) *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
- 2. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 3. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 4. **Application is made for 5% resident vendor preference for the reason checked:**  
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
- 5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**  
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
- 6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**  
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: PLAYGROUND SPECIALIST INC Signed: [Signature]  
 Date: 10/27/08 Title: SALES MANAGER

\*Check any combination of preference consideration(s) indicated above which you are entitled to receive



# Product Specifications

©Playworld Systems, Inc. Monday, October 20, 2008

## **8ft 2-UNIT HEAVY DUTY SWING**

### **3.5 in. Swing Top Rail**

Shall be 3.5 in. outside diameter, 8 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. Finished with a baked on polyester powder coating™. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: A-315, A-500, and A-513. Support posts shall carry a factory-applied marker to indicate the level of protective surfacing material to be maintained.

### **Swing Top Rail / Leg**

Shall be 2.375 in. outside diameter, 10 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: A-315, A-500, and A-513. Support posts shall carry a factory-applied marker to indicate the level of protective surfacing material to be maintained. (See Protective Surfacing Specifications)

### **End Yoke - heavy duty**

An all-welded assembly fabricated of 2.875 in. outside diameter, 8 gauge galvanized steel tubing and 2.375 in. outside diameter, 8 gauge galvanized steel tubing. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### **Swing Clevis - cast iron/ plated**

Shall be manufactured of superior grade cast ductile iron and zinc plated for optimal surface protection. Shall have an integrated bronze bearing pressed in after powdercoating. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

### **3.5 in. Swing Hanger / Band - cast iron**

Shall be manufactured of superior grade cast ductile iron and galvanized. The swing hanger and band together shall have an ultimate tensile load of 5000 lbs. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

### **Surfacing Warning Label**

Shall be a pressure sensitive adhesive white vinyl label laminated with clear mylar for weather resistance. Shall contain the following text: Warning! Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls. Shall be tamper resistant to deter removal.

### **Steel Tubing - 2.375 in. OD, 12 ga.**

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

### **Steel Tubing - 2.875 in. O.D., 8 ga.**

Minimum yield strength shall be 50,000 psi. with a maximum tensile strength at least 13% higher. Material ASTM Designation: A1011/A 1011/M 01a Commercial Steel CS Type B Mn content 0.6% max

## **ZZXX0270**



\* See Note

<b>Component Number:</b>	<b>ZZXX0270</b>
<b>Specification Rev:</b>	<b>ECN1034</b>
<b>Component Weight:</b>	<b>321.52 Lbs.</b>
<b>Number of Users:</b>	<b>2</b>
<b>Amount of Concrete:</b>	<b>0.78 Yrds.</b>

**Carbon Content** (0.07 to 0.11) % vs. (0.02 to 0.15) % per ASTM Specs.

**Steel Tubing - 3.5 in. OD, 8 ga.**

Tensile strength shall be 48,000 psi Yield strength shall be 45,000 psi.

\* The photos shown are for product representation only. The actual products may vary in size and color depending upon application



# Product Specifications

©Playworld Systems, Inc Monday, October 20, 2008

## **INFANT SEAT W/GALV CHAIN FOR 8ft TOP RAIL**

### ***Chain - 4/0 - galvanized***

Shall be 4/0 hot dipped galvanized welded link chain. The chain links are low carbon 1008 steel. The Rockwell would be on the B scale @ 90. The working load limit for this chain is 670 lbs

### ***Swing Seat - infant***

Shall be fabricated from .5 in. (13 mm) thick ethylene propylene diene monomer with a T-301 full hard .020 in. (.51 mm) carbon steel insert. A triangular galvanized steel bracket and plate shall be secured to seat with galvanized rivets for chain attachments. Seat shall be slash-proof.

### ***Spacer - Aluminum Alloy***

Shall be fabricated of T6061-T6 aluminum alloy. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

## **ZZXX0265**



\* See Note

<b>Component Number:</b>	<b>ZZXX0265</b>
<b>Specification Rev:</b>	<b>ECN1566</b>
<b>Component Weight:</b>	<b>11.31 Lbs.</b>

\* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.

# Castle Boulder



## Highlights:

- Offers a challenging adventure for our more experienced climbers
- Unique angles and crevices create a world of imaginative play for younger climbers
- Precast PolyFiberCrete® is extremely durable and easy to maintain
- Precast PolyFiberCrete® will not polish or become slippery with heavy use
- Available in two colors:



Desert Sand



Slate

## Details:

- **Size:** 104" x 56" x 108" (2.64m x 1.42m x 2.74m)
- **Weight:** 14500 lbs (6578kg)
- **Recommended Surfacing:** 15" (0,38m)
- **Maximum Fall Height:** 93" (2.36m)



## Add Rope Climbers to Your Boulders!

- Use the Castle Boulder as a freestanding climber or you can link boulders together using rope climbers.
- The Mod X, the Boulder Rope Bridge and the Tight Rope can all be connected to the Castle Boulder.



Unique angles and crevices create a world of imaginative play

 **PLAYWORLD  
SYSTEMS®**  
The world needs play.™



# Product Specifications

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## **WHIRLIGIG**

### **Traction Pad**

Traction pads shall be manufactured of polyurethane and are uniquely textured for slip resistance. Traction pads must be also formulated to withstand extreme impacts and be highly resistant to ultraviolet light and chemicals. Traction pads material must be manufactured from materials having a proven record in the climbing industry. Each traction pad shall be recessed into the climbing structure with a shape unique to the individual hand grip. Traction pads not recessed can rotate or turn and are not acceptable. Traction pads shall have a Lifetime Warranty. Anything other than a Lifetime Warranty is not acceptable.

### **Frame - Whirligig**

Shall be a welded assembly fabricated of 3.5 inch outside diameter x 8 gauge steel tubing, and .5 inch hot rolled pickled and oiled flat steel. (See Steel Tubing). Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

### **Frame - Support**

Shall be and all welded assembly of 1.9 in. outside diameter, 13 gauge galvanized steel tubing and 12 gauge hot rolled, pickled and oiled flat steel, 12 gauge galvanized flat steel. (See Tubing). Shall have a welded threaded insert to accept connection hardware. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

### **Bearing - Unit**

Shall be fabricated of zinc plated 1018 cold rolled steel, .25 inch pickled and oiled flat steel, .5 inch hot rolled pickled and oiled flat steel, 7 gauge hot rolled pickled and oiled flat steel, and a 55 mm outside diameter by a 35 mm inside diameter deep groove bearing. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

### **Rotomolded Plastic Panel - .25 in.**

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

### **Steel Tubing - 1.9 in. OD, 13 ga.**

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

### **Steel Tubing - 3.5 in. OD, 8 ga.**

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

## **ZZXX0043**



\* See Note

<b>Component Number:</b>	<b>ZZXX0043</b>
<b>Specification Rev:</b>	<b>PA1139</b>
<b>Component Weight:</b>	<b>128.53 Lbs.</b>
<b>Number of Users:</b>	<b>4</b>
<b>Amount of Concrete:</b>	<b>0.13 Yrds.</b>

\* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



# Product Specifications

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## **GYROBOUNCE**

### ***Traction Pad***

Traction pads shall be manufactured of polyurethane and are uniquely textured for slip resistance. Traction pads must be also formulated to withstand extreme impacts and be highly resistant to ultraviolet light and chemicals. Traction pads material must be manufactured from materials having a proven record in the climbing industry. Each traction pad shall be recessed into the climbing structure with a shape unique to the individual hand grip. Traction pads not recessed can rotate or turn and are not acceptable. Traction pads shall have a Lifetime Warranty. Anything other than a Lifetime Warranty is not acceptable.

### ***Frame - Platform***

Shall be a welded assembly fabricated of 3.5 inch outside diameter x .25 inch wall tubing; 9.75 inch outside diameter .25 inch hot rolled pickled and oiled flat steel; and 7.75 inch outside diameter .5 inch hot rolled pickled and oiled flat steel and .5 inch hot rolled pickled and oiled flat steel. Plate shall be coated with yellow zinc dichromate before assembly. Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

### ***Frame - Post***

Shall be a welded assembly fabricated of 3.5 inch outside diameter x 8 gauge steel tubing; and 7.75 outside diameter, .25 inch hot rolled pickled and oiled flat steel. (See Steel Tubing). Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

### ***Frame - Gyro Bounce***

Shall be a welded assembly fabricated of 5 inch outside diameter x 11 gauge steel tubing; 2.38 inch outside diameter x 10 gauge steel tubing; .38 inch yellow zinc plated hot rolled, pickled, and oiled flat steel; .25 inch yellow zinc plated hot rolled, pickled, and oiled flat steel. (See Steel Tubing) Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

### ***Anchor Frame - Bing Boing***

An all-welded assembly fabricated of 1.9 in. outside diameter, 13 gauge galvanized steel tubing, 12 gauge galvanized hot rolled steel and .38 in. hot rolled, pickled and oiled flat steel plate. (See Tubing) Plate shall be coated with yellow zinc dichromate before assembly. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

### ***Plate - Spring Mounting***

Shall be fabricated from a .38 in. hot rolled, pickled and oiled flat steel plate. (See Tubing) Plate shall be coated with yellow zinc dichromate before assembly. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

### ***Rotomolded Plastic Panel - .25 in.***

Shall be rotationally molded from linear low density polyethylene. (See

## **ZZXX0045**



\* See Note

<b>Component Number:</b>	<b>ZZXX0045</b>
<b>Specification Rev:</b>	<b>PA1140</b>
<b>Component Weight:</b>	<b>134 Lbs.</b>
<b>Number of Users:</b>	<b>1</b>
<b>Amount of Concrete:</b>	<b>0.13 Yrds.</b>

Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

**Steel Tubing - 3.5 in. OD, 8 ga.**

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

**Steel Tubing - 5 in. OD, 11 ga.**

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

**Steel Tubing - 1.9 in. OD, 13 ga.**

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

**Spring - Bouncy Ball**

Shall be fabricated of 3.906 inch outside diameter; 3.156 inside diameter; oil tempered, cold drawn and heat treated before fabrication, general purpose high carbon steel spring wire. Shall have a Rockwell hardness of C-42-55; a wire diameter of 0.375 inches; and a spring rate of 47 pounds. Complies to ASTM A-229 standard specifications. The minimum tensile strength is CLI 165-293 / CLII191-324. The modulus elasticity is 30 psi. The design stress is 45% minimum tensile. There are 11.5 modulus in torsion.

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# Product Specifications

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## **STEEL EXERCISE COURSE SIT-UP**

### ***Coated Deck / Platform - 12 ga***

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have 3/4 in. (9mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

### ***Body Curl / Sit Up Frame- 1.315 in. O.D.***

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### ***Anchor Leg - 1.315 in. O.D.***

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### ***Sign Frame - WT***

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled and oiled flat steel and 2.375 in. outside diameter, 12 gauge galvanized steel tubing. (See Tubing) Finished with powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### ***Exercise Course Sign***

Shall be fabricated of 1/4 in. clear polycarbonate sheet. Shall have exercise instructions silk screened onto the surface.

### ***Steel Tubing - 1.315 in. OD, 14 ga.***

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

### ***Steel Tubing - 2.375 in. OD, 12 ga.***

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

## **ZZWT00200**



\* See Note

<b>Component Number:</b>	<b>ZZWT00200</b>
<b>Specification Rev:</b>	<b>ECN1314</b>
<b>Component Weight:</b>	<b>159.62 Lbs.</b>
<b>Number of Users:</b>	<b>1</b>
<b>Amount of Concrete:</b>	<b>0.18 Yrds.</b>

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# Product Specifications

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## STEEL EXERCISE COURSE STEP-UP

### **2.375 in. Support Post**

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing. (See Tubing) Shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### **WT Step-up / Leg Stretch Post**

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### **Step-up Disc / Seat Disc**

Cast of regular 319 (319 0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

### **Sign Frame - WT**

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled and oiled flat steel and 2.375 in. outside diameter, 12 gauge galvanized steel tubing. (See Tubing) Finished with powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### **Exercise Course Sign**

Shall be fabricated of .25 in. clear polycarbonate sheet. Shall have exercise instructions silk screened onto the surface.

### **Steel Tubing - 2.375 in. OD, 12 ga.**

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

### **Crown/Post/End Cap**

Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

## ZZWT00130



\* See Note

<b>Component Number:</b>	<b>ZZWT00130</b>
<b>Specification Rev:</b>	<b>ECN817</b>
<b>Component Weight:</b>	<b>110.69 Lbs.</b>
<b>Number of Users:</b>	<b>1</b>
<b>Amount of Concrete:</b>	<b>0.28 Yrds.</b>

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