

VENDOR

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 DNR210023

PA	GE: 330
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KRISTA FERRELL 304-558-2596

RFQ COPY TYPE NAME/ADDRESS HERE

KELLY ROBINSON 7574310057 7574310057 SOUTHERN PLAYGROUND 500 CENTRAL DRIVE VIRGINIA BEACH VA 23452

DIVISION OF NATURAL RESOURCES PANTHER STATE FOREST POST OFFICE BOX 287 ROUTE 3/2, PANTHER CREEK ROAD PANTHER, WV 24872 304-938-2252

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GENERAL TERMS & CONDITIONS PURCHASE ORDER/CONTRACT

- 1. ACCEPTANCE: Seller shall be bound by this order and its terms and conditions upon receipt of this order.
- 2. APPLICABLE LAW: 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
- 3. NON-FUNDING: All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the terms of the Purchase Order/Contract, 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.
- 4. COMPLIANCE: Seller shall comply with all Federal, State and local laws, regulations and ordinances including, but not limited to, the prevailing wage rates of the WV Division of Labor.
- 5. MODIFICATIONS: This writing is the parties final expression of intent. No modification of this order shall be binding unless agreed to in writing by the Buyer.
- 6. ASSIGNMENT: Neither this Order nor any monies due, or to become due hereunder may be assigned by the Seller without the Buyer's consent.
- 7. WARRANTY: The Seller expressly warrants that the goods and/or services covered by this order will: {a} conform to the specifications, drawings, samples or other description furnished or specified by the Buyer; {b} be merchantable and fit for the purpose intended; and/or {c} be free from defect in material and workmanship
- 8. CANCELLATION: The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 9. SHIPPING, BILLING & PRICES: Prices are those stated in this order. No price increase will be accepted without written authority from the Buyer. All goods or services shall be shipped on or before the date specified in this Order.
- 10. LATE PAYMENTS: Payments may only be made after the delivery of goods or services. Interest may be paid on late payments in accordance with the *West Virginia Code*.
- 11. TAXES: The State of West Virginia is exempt from Federal and State taxes and will not pay or reimburse such taxes.
- 12. RENEWAL: 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, the State may deem this contract null and void, and terminate such contract 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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State of West Virginia Department of Administration **Purchasing Division** 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

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ADDRESS CORRESPONDENCE TO ATTENTION OF: KRISTA FERRELL B04-558-2596

DIVISION OF NATURAL RESOURCES PANTHER STATE FOREST POST OFFICE BOX 287 ROUTE 3/2, PANTHER CREEK ROAD

PANTHER, WV

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Department of Administration
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2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

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KRISTA FERRELL 304-558-2596

DIVISION OF NATURAL RESOURCES

PANTHER STATE FOREST
POST OFFICE BOX 287
ROUTE 3/2, PANTHER CREEK ROAD
PANTHER, WV

ADDRESS CORRESPONDENCE TO ATTENTION OF

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DNR210023 Panther Wildlife Management Area Playground Equipment

To supply playground equipment at Panther Wildlife Management Area, Panther, West Virginia for children ages five (5) to twelve (12). Park personnel will install all playground equipment. F.O.B. Destination; freight and/or delivery charges are to be included in the price of the goods; delivery should be made within thirty (30) days of purchase order award. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.

Miracle, two bay, four-seat swing, Model #2919S, or equal. Unit must have a minimum 8' high top rail constructed of approximately 2-3/8" tube; legs constructed of approximately 2" pipe; yokes constructed of approximately 2-1/2" Sch 40 pipe with solid weld; tamper proof fasteners to prevent theft and destruction; belt seats; and galvanized finish.

Miracle, The Whirl (merry-go-round), Model #303, or equal. Unit must have four (4) u-shaped handrails atop a deck assembly that spins on a center hub; a concealed speed governing device which is activated by centrifugal force; and tamper proof fasteners to prevent theft and destruction.

Miracle, Groove Slide, Model #65-727-6, or equal. Slide must be a freestanding rockite slide, or the equivalent and must be a minimum of 13' long and include the following: pvc steps; a minimum 6'-6" height enclosed platform; sit-down canopy; pvc-coated steel steps with handrails; tamper proof fasteners to prevent theft and destruction; and a Mira-Therm or equal and Mira-Cote or equal finish.

Miracle, Mogul Slide, Model #65-726-8, or equal. Slide must be a freestanding rockite slide, or the equivalent and must be a minimum of 16' long and include the following: a minimum 8' height enclosed platform; sit-down canopy; pvc-coated steel steps with handrails; tamper proof fasteners to prevent theft and destruction; and a Mira-Therm or equal and Mira-Cote or equal finish.

Miracle, 405° Typhoon Slide, one-piece, Model #65-749, or equal. Slide must be a one-piece spiral unit with an open bedway; minimum of 6'-3" height enclosed platform; pvc-coated steel steps with handrails; must include tamper proof fasteners to prevent theft and destruction and a Mira-Therm or equal and Mira-Cote or equal finish.

Miracle, Peak Climber, 3-way with handrails, Model #458-3, or equal. Climber must be, freestanding with center post; have ground-mounted inclined rails containing a series of welded "U" loops on underside; must include tamper proof fasteners to prevent theft and destruction; and a Mira-Cote or equal finish.

DNR210023 Panther Wildlife Management Area Playground Equipment

Miracle, Tarantula Climber, Model #456-1, or equal. Climber must have a horizontal top ring of a minimum of two (2) rails with rungs; minimum of four (4) vertical support legs attached to ring's inner rail; minimum of four (4) vertical climber ladder assemblies attached to ring's outer rail; include tamper proof fasteners to prevent theft and destruction; and a Mira-Cote or equal finish.

DNR210023 Panther Wildlife Management Area Playground Equipment

All playground equipment must meet the following requirements:

- Compliance with U.S. Consumer Product Safety Commission, Handbook for Public Playground Safety.
- Compliance with ASTM Standard F 1487.
- Compliance with Architectural and Transportation Barriers Compliance Board, Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas.

Vendors must submit the following attachments:

- Complete manufacturer's parts specifications and warranties.
- Layout drawing to scale of the proposed play structure or equipment.
- ASTM and CPSC Statement of Compliance

Warranties:

All equipment must be guaranteed to be free of defects in workmanship and material for a minimum of one year from date of acceptance. However, if manufacturer warranty periods are longer than the required minimum one year warranty, those warranties must apply.

Structural steel members and play surfaces must be treated for rust prevention and painted With a suitable powder coat finish. All molded plastics and vinyl coatings must have UV protection

Vendor must provide complete installation instructions, parts specifications, touch-up paint sufficient for initial installation, and warranties

Color scheme of equipment must be coordinated with Panther Wildlife Management Area. Color of equipment will be selected from manufacturer's standard colors.

WVDNR210023 Panther Wildlife Management Area PLAYGROUND EQUIPMENT SHEET

Please complete the below information concerning the brand(s) of equipment being bid in relation to this project. If bidding "or equal" brands, please attach manufacturer's literature documenting that it meets the mandatory requirements stated in the specifications. Vendors should note the areas of the provided manufacturer's literature that adheres to the mandatory requirements outlined in the Request For Proposal.

Item No.	Equipment	Manufacturer	Model
1	Miracle, two bay, four-seat swing,	PLANY AND PARK	67844 6/61848
	Model #2919S, or equal.	TRUCTURES	+67596 po.11=
2	Miracle, The Whirl (merry-go-		
	round), Model #303, or equal.		67533 pc 167
3	Miracle, Groove Slide, Model #65-		1 777(-
	727-6, or equal.		CITIE PG. 109
4	Miracle, Mogul Slide, Model #65-		67833 00.109
	726-8, or equal.		6,183 60,109
5	Miracle, 405° Typhoon Slide, one-		67723 10 109
	piece, Model #65-749, or equal.		1 0112 pg. 109
6	Miracle, Peak Climber, 3-way with		1000
	handrails, Model #458-3, or equal.		67507 pg.106
7	Miracle, Tarantula Climber, Model #456	1 1/	107576
	1, or equal.	A	00.100

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Panther Wildlife Management Area Playground Equipment PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	4	Miracle, two bay, four-seat swing, Model #2919S, or equal.	178291	7131.64
2	4	Miracle, The Whirl (merry-go- round), Model #303, or equal.	3045.21	12180.84
3	1	Miracle, Groove Slide, Model #65-727-6, or equal.	2883.90	2883.90
4	1	Miracle, Mogul Slide, Model #65-726-8, or equal.	3791.9)	379/91
5	2	Miracle, 405° Typhoon Slide, one- piece, Model #65-749, or equal	4409.50	8819.00 S
6	1	Miracle, Peak Climber, 3-way with handrails, Model #458-3, or equal.	1326.43	1326.43
7	1	Miracle, Tarantula Climber, Model #456-1, or equal.	1731.18	1737.18
		TOTALS		3787090

Vendors must provide unit prices for all items shown above. Failure to provide unit prices will result in disqualification of the vendor's bid.



8/25/2009

Panther State Park Drawing #619-47710

Park Play Specifications

General System Specifications:

Manufacturer shall offer the following warranties on the materials and components of its system:

- Lifetime limited warranty on support posts (uprights)
- 15-Year limited warranty on punched steel decks, pipes, rails, loops and rungs
- 15-Year limited warranty on rotationally molded polyethylene components
- Lifetime limited warranty on all hardware

Manufacturer shall be ISO 9001/2000 certified

Manufacturer shall show IPEMA certification of compliance for each component that the product conforms with the requirements of ASTM F1487-01.

Freestanding Metal Climbers

Fire Station Climber

Fire Station Climber Frame is fabricated from 1-5/8" O.D. 14-gauge galvanized steel tubing for Rails and 1-5/16" O.D. 14-gauge galvanized steel tubing for rungs. Center Ring and Center Arch are fabricated from 1-5/8" O.D. 14-gauge galvanized steel tubing. All parts are welded using only stainless steel welds and have a baked on polyester powder-coated finish after fabrication.

Tri Climb

Tri Climb (Triple Mount Everest Frame) is fabricated from 2-3/8" O.D, 1-5/6" O.D. galvanized steel tubing. Triple Mount Everest Center Post is fabricated from 3-1/2" O.D. galvanized steel tubing with 1-5/8" O.D. galvanized steel tubing for frame insert attachment. Support Pipes are fabricated from 1 5/8" O.D. galvanized steel tubing.

Freestanding - Slides

Harricane Spiral Slide

Clamps are cast from a 356 high-strength aluminum alloy with a baked-on polyester powder-coated finish.

Steel Upright shall be 3 1/2" outside diameter, 11-gauge (.120") galvanized round tubing, manufactured to ASTM A-500 Grade B tolerances from cold-formed steel conforming to ASTM A-569 Sheet Spec for steel coil. Minimum yield strength shall be 50,000 psi and minimum tensile strength shall be 55,000 psi. The exterior surface is hot dip galvanized, chromate conversion coated, and a clear high performance organic polymer is applied. The inside diameter has 81% minimum zinc rich primer capable of providing excellent rust protection and fabrication characteristics. All coatings are applied inside and out after welding for superior corrosion protection throughout. Exterior surface galvanizing zinc purity is 99% as per ASTM B-6 high grade and special high grade. Galvanizing



coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81%minimum zinc dust content in organic resin, as per ASTMF-1234, section 5.2.4, Type D.

The punched steel platform shall be fabricated from 11-gauge, punched steel with a protective p&o finish. The platform shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of 0.80". The Platform shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The hole size shall measure 1/4" diameter after coating.

Step/Ladder assemblies shall be made from 11-gauge hot rolled steel in conformance with the specifications outlined herein. Step stringers shall be made from 11-gauge (.120 thick) hot-rolled flat steel. Steps and stringers shall be an all welded assembly. Ladder handrails shall be fabricated from 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. The handrails shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

The rung barrier shall be fabricated of 1 5/16" O.D. x .083 (14 gauge) wall galvanized steel tubing. The vertical rungs shall be fabricated of 1 1/16" O.D. x .075 (15 gauge) wall galvanized steel tubing. The rung enclosure shall be an all welded assembly and shall be polyester powder-coated.

The Slide and Hood shall be a double wall, one-piece construction of color impregnated rotationally molded linear low-density polyethylene with a 1/4" nominal wall thickness. The slide mast shall be fabricated from 2 7/8" O.D. (schedule 40), aluminum pipe. The ground socket is made of 3 1/2" O.D. (schedule 40) .216 wall thickness aluminum pipe. Rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specifications LP-390C type 1, class M, grade 2, category 3; Density (ASTM D-1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

Single Velocity Slides

UPRIGHTS: Shall be 3.5" outside diameter tubing, 1/8" wall thickness, extruded from 6005-T5 alloy conforming to ASTM-B-221. Minimum yield strength shall be 35,000 psi and minimum tensile strength shall be 38,000 psi. All upright posts shall have a finished grade line marking to indicate the correct playground safety surface level. All upright posts shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein. DECK: The 24" x 45 1/2" rectangular deck shall be fabricated from 12 gauge (.109" thick) punched steel with a protective P&O finish. Intermediate supports are fabricated from 1/8" x 2 ½" hot rolled steel. The deck shall be a one-piece welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". Deck shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating, LADDER: The ladder assembly shall be made from 11 gauge (.120" thick) punched steel. The steps and stringers shall be an all welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". The ladder shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The ladder handrail shall be fabricated of 1-5/16" O.D. galvanized pipe with a powder coat finish. BARRIER & ENTRY ENCLOSURES: The barrier enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing. The vertical rungs shall be manufactured from 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Mounting tabs shall be 1/8" hot rolled steel. The entry enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steeltubing. The vertical rungs shall be manufactured from 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Upright post shall be 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing, and mounting tabs shall be 1/8" hot rolled steel. Both the barrier and entry enclosures shall be one-piece welded assemblies and shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein. SLIDE: Slides and hoods shall be color impregnated linear low-density polyethylene and shall conform



to the rotationally molded specifications outlined herein with double wall construction molded to a minimum .25" wall thickness. Double bedway Slides shall have a minimum inside bed width of 16.5" on each bedway. Outside rails are at least 7" high when measured from the centerline of the bedway surface. The angle of descent shall be no greater than 50°. Each Slide works in conjunction with a rotationally molded visor hood that has a top area that forces users to a seated position. The visor hood also has a molded in handhold area. The exit section of the bedway shall have a minimum 40" radius for a smooth transition from the slide chute to the run-out area. The run-out shall be angled at a maximum of 4° with an integrated drain at 5° to reduce pooling of water. Slides bolt directly to the deck and to the handholds. HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in on junction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

8' Velocity Slide

STEEL UPRIGHT: Shall be 5" outside diameter, 11 gauge (.120") galvanized round tubing, manufactured to ASTM A-500 Grade B tolerances from cold-formed steel conforming to ASTM A-569 Sheet Spec for steel coil. Minimum yield strength shall be 50,000 psi and minimum tensile strength shall be 55,000 psi. The exterior surface is hot dip galvanized, chromate conversion coated, and a clear high performance organic polymer is applied. The inside diameter has 81% minimum zinc rich primer capable of providing excellent rust protection and fabrication characteristics. All coatings are applied inside and out after welding for superior corrosion protection throughout. Exterior surface galvanizing zinc purity is 99% as per ASTM B-6 high grade and special high grade. Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81% minimum zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D. PUNCHED STEEL PLATFORM: The punched steel platform shall be fabricated from 11 gauge punched steel with a protective p&o

finish. The platform shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". The Platform shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The hole size shall measure 1 1/4" diameter after coating.

BARRIER & ENTRY ENCLOSURES: The barrier enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing. The vertical rungs shall be manufactured from 1 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Mounting tabs shall be 1/8" hot rolled steel. The entry enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing. The vertical rungs shall be manufactured from 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Upright post shall be 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing, and mounting tabs shall be 1/8" hot rolled steel. Both the barrier and the entry enclosures shall be one-piece welded assemblies and shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

ACCESS LADDER: Step/Ladder assemblies shall be made from 11 gauge hot rolled steel in conformance with the specifications outlined herein. Step stringers shall be made from 11 gauge (.120 thick) hot rolled flat steel. Steps and stringers shall be an all welded assembly, Ladder handrails shall be fabricated from 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. The handrails shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

SLIDE: Zip Slides and hoods shall be color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein with double wall construction molded to a minimum .25" wall thickness. Single bedway Zip Slides shall have a minimum inside bed width of 17.5" while double bedway Zip Slides shall have a minimum inside bed width of 16.5" on each bedway. Outside the bedway surface. The angle of descent shall be no greater than 50°. Each Zip Slide works in conjunction with a rotationally molded hood that has an integrated cross bar which force users to a seated position. The exit section of the bedway shall have a minimum 40" radius for a smooth transition from the slide chute to the run-out area. The run-out shall be angled at a maximum of 4° with an integrated drain at 5° to reduce pooling of water. Zip Slides bolt directly to the deck and to the slide hood.

HARDWARE: All nuts, bolts, screws, inserts and lock washers used in the assembly of all equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary



fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

Tripod Swing Structures

Tri-Pod Swing Frames SPECIFICATIONS:

TOPRAILS: Shall be fabricated of 2 3/8" O.D., 8 Gauge (.164" wall) or 3-1/2" O.D., 13 Gauge (.095" wall) galvanized pipe 11'-0" [335.28cm] long.

LEGS: Shall be fabricated of 2-3/8" O.D. (.095" wall) galvanized pipe. Legs shall be of sufficient length to allow 2'-6" [76.20cm] below finished surface.

CASTINGS: Shall be fabricated of 383 Die Cast Aluminum Alloy with a powder coat finish.

SEAT, CHAIN & HANGERS: See Seat Installation Sheet.

FINISH: Galvanized or powder coat over galvanized pipes.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro-deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SPECIFICATIONS: PLAY & PARK STRUCTURES has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

Seat Packages

Strap & Tot Seats

Rights are reserved to discontinue or change specifications without notice.

Bucket Seats shall be fabricated with .020" thick stainless steel inserts covered by a dark green colored EPDM rubber.

Fully Enclosed Seats shall be fabricated with .025" thick stainless steel inserts covered by a dark green colored EPDM rubber.

Commercial Belt Seat - an extra piece of fluted rubber at the front and back of seat gives it a cushion bumper.



Spinners

Speedy Spinner

PLATFORM ASSEMBLY: Platform shall be die formed of 11-gauge steel, 92" diameter with a 2" rolled under flange - braces shall be fabricated of 1-5/8" O.D. pipe. Hub shall be fabricated of 5-1/2" O.D. x .500 wall hot rolled steel with 1/4" H.R. steel plate welded in place. Platform assembly shall be an all welded construction with exception of the steel brake drive gear which is bolted in place.

BASE ASSEMBLY: Legs shall be fabricated of 2-7/8" O.D. galvanized pipe. Axle shall be fabricated of 2-3/4" O.D. cold rolled steel. Collar shall be fabricated of 3-1/4" O.D. x 7/32" wall pipe. Mounting brackets shall be of 1/4" H.R. stock. Base shall be an all welded construction.

HANDRAIL ASSEMBLY: Arches shall be fabricated of 1-5/16" O.D. galvanized pipe. Brackets shall be fabricated of 1/4" x 1-1/2" galvanized flat steel. Handrail Assembly shall be an all welded construction.

BRAKE ASSEMBLY: Shall consist of high torque, low speed fluid motor; flow control hydraulic valves; push lock hose with synthetic rubber liner, textile braid reinforcement, and synthetic rubber cover; pump gear fabricated of steel with 2" O.D. drive collar.

SHIELD HALVES: Shall be molded polyethylene with 3/16" nominal thickness.

SHIELD MOUNTING BRACKET: Shall be fabricate of 3/16" H.R. flat, drilled and tapped to receive 3/8" bolts.

FINISH: Platform shall have a powder coat finish. Handrails and base shall be painted aluminum.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SuperMax Specifications

General System Specifications:

SuperMax features 5" O.D. uprights with a high-strength aluminum alloy clamp fastening system finished with a polyester powdercoat. All uprights shall receive factory installed aluminum post caps and will ship with labels for manufacturer identification.

All decks and components shall connect using the aluminum alloy clamping system. All climbing attachments shall include a 15" wide deck entry archway to control deck access to one child at a time and help prevent inadvertent falls.

Manufacturer shall offer the following warranties on the materials and components of its system:

- Lifetime limited warranty on support posts (uprights)
- 15-Year limited warranty on punched steel decks, pipes, rails, loops and rungs
- 15-Year limited warranty on rotationally molded polyethylene components
- Lifetime limited warranty on all hardware

Manufacturer shall be ISO 9001/2000 certified



Manufacturer shall show IPEMA certification of compliance for each component that the product conforms with the requirements of ASTM F1487-01.

General Specifications of Materials

Rotationally Molded Plastics

All Rotationally Molded Products are manufactured from linear low-density polyethylene UV-stabilized color and an anti-static compound additive. The tensile strength of this material is to be 2500 PSI as defined by ASTM D638. The typical wall thickness will be .250" (1/4"). All rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D-1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD). All solid plastic panels are manufactured from high-density polyethylene. All solid plastic panels shall meet or exceed the following specifications: Density (ASTM D- 1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790).

Polyester Powder-Coating Process

Powder-coat shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794-69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D 2247 -87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Oven-bake Stability 100% at 400 degrees Fahrenheit.

Hardware

All nuts, bolts, and washers, with exceptions noted, shall be 3/8" diameter 18-8 stainless steel in varying lengths, with a vandalresistant hex-pinned head configuration and factory-applied locking patch. When allowed a 72-hour cure time, the locking patch will prevent the bolt from loosening without at least 4 times the installation torque. Play & Park Structures will supply the special tool required to turn vandal-resistant hardware with each shipment. 1/2" diameter Ramp and Arch Bridge connecting hardware shall be Grade 5 zinc-plated, and 3/8" Clatter Bridge security bolts shall be Grade 8 hardened and zinc-plated.

Plastisol Coating

All metal deck platforms, steps, bridge planks, ramps, kickplates, and chains are plastisol-coated. Each part is chemically washed and completely submerged in a special heat-activated primer and allowed to dry. Parts are then pre-heated and immersed in liquid polyvinyl-chloride (plastisol). The PVC coating shall have a typical thickness of .080" to .120", and a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. Standard color is brown, with optional colors available. The following characteristics apply:

Tensile Strength - 2,800 psi Elongation - 290 % Tear Strength - 420 lbs/in

Rev 09/08

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.
requirer against	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the nents for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency cted from any unpaid balance on the contract or purchase order
authorize the requ	nission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and es the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid irred business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential
and acc	penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate is during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidder:	(lastruces) de produced de la Parlos
Date:	8-31-09 Title: PRESIDENT
*Check ar	ny combination of preference consideration(s) indicated above, which you are entitled to receive



P.O. Box 680121 Fort Payne, AL 35967 256-997-5212 – phone 256-997-5312 – fax mikeh@playcorc.com

August 31, 2009

West Virginia Department of Administration Attn: Krista Ferrell HC 35, Box 150 Clifftop, WV 25831

RE: Play & Park Structures Drawing # 619-47710 - Panther State Park

Ms. Ferrell:

This letter will serve to confirm that the equipment referenced above was designed to conform to or exceed the applicable voluntary CPSC guidelines and ASTM standards (F1487.07). If you have any questions, please feel free to let me know.

Sincerely,

PlayCore

Mike Hawkins Vice President,

Corporate Risk Management, Insurance and Legal Affairs

MH/mt