



SEND TO:

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
DNR210028

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL
304-558-2596

VENDOR
*A09113539 804-798-6842
VIRGINIA PLAYGROUND SERVICES I
14276 RIVERSIDE DR
ASHLAND VA 23005

SHIP TO
DIVISION OF NATURAL RESOURCES
CASS SCENIC RAILROAD ST PARK
ATTN: PARK SUPERINTENDENT
BOX 107
CASS, WV
24927 456-4300

WVA
AND VIRGINIA PLAYGROUND SERVICES, CONTRACTOR
AND PLAY POWER FARMINGTON, LITTLE TIKES FACTORY EQUIPMENT

DATE PRINTED 09/17/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: 10/15/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
PLAYGROUND EQUIPMENT CASS SCENIC RR STATE PARK						
<p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FOR PLAYGROUND EQUIPMENT FOR CASS SCENIC RAILROAD STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV. DEADLINE FOR TECHNICAL QUESTIONS IS 10/01/2009 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED.</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 TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATION</p>						

RECEIVED
2009 OCT 20 A 10:10
PURCHASING DIVISION
STATE OF WV

SIGNATURE: *James Benedict* TELEPHONE: *304-279-2158* DATE: *10-19-09*

FEIN: *20-4869478* 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
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 Charleston, WV 25305-0130

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ADDRESS CORRESPONDENCE TO ATTENTION OF:
 KRISTA FERRELL
 304-558-2596

*A09113539 804-798-6842
 VIRGINIA PLAYGROUND SERVICES I
 14276 RIVERSIDE DR
 ASHLAND VA 23005

DIVISION OF NATURAL RESOURCES
 CASS SCENIC RAILROAD ST PARK
 ATTN: PARK SUPERINTENDENT
 BOX 107
 CASS, WV 24927
 456-4300

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/17/2009				

BID OPENING DATE: 10/15/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS. 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: KRISTA FERRELL-FILE 21</p> <p>RFQ. NO.: DNR210028</p> <p>BID OPENING DATE: 10/15/2009</p> <p>BID OPENING TIME: 1:30 PM</p> <p>* CONTACT - JIM BENEDICT - CELL 434 249 2158</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 434 296 3289 (FAX)</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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

Cass Scenic Railroad State Park Playground Equipment

To supply railroad themed playground equipment to offer play activities for children ages two (2) to twelve (12) at Cass Scenic Railroad State Park, Cass, West Virginia. Playground equipment will be purchased for two separate areas in the park. Park personnel will install all playground equipment. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources. All items must be F.O.B. Destination. Freight or delivery charges must be included in the price of the goods. Delivery must be made within thirty (30) days of purchase order award.

AREA 1 - DEPOT AREA

PrimeTime custom modular unit or equal. Structure must be railroad themed and include the following components:

- Three (3) PrimeTime 3 ½" OD upright assembly, Model #12024, or equal. Upright must be a minimum of 9' in height and composed of aluminum.
- Seven (7) PrimeTime 3 ½" OD upright assembly, Model #12026, or equal. Uprights must be a minimum of 11' in height and constructed of aluminum.
- One PrimeTime D ring package, Model #12049, or equal.
- Four (4) PrimeTime 3 and ½" OD upright assembly, Model # 12077. Uprights must be a minimum of 15' in height and constructed of aluminum.
- One (1) PrimeTime dna climber, Model #2113, or equal. Climber must be a minimum of 5' in height.
- One (1) PrimeTime crunch bar, Model #12215, or equal. Bar must be constructed of metal.
- One (1) PrimeTime straight horizontal loop ladder attachment, Model #12219, or equal.
- One (1) PrimeTime rung access, Model #12615, or equal. Access must be a minimum of 5' 0"/6' 0" in height.
- One (1) PrimeTime therapeutic ring attachment, Model #12704, or equal.
- One (1) PrimeTime single seat P/T, Model #12728, or equal.
- One (1) PrimeTime Turning bar P/T, Model #12729, or equal.

Cass Scenic Railroad State Park Playground Equipment

- One (1) PrimeTime Rock Wall Climber, Model #12913, or equal. Climber must have a minimum 45 ½" deck.
- Two (2) square punched deck P/T 1.3125, Model 18200, or equal. Deck must be a minimum of 36".
- One (1) PrimeTime rectangular punched deck P/T, Model #18202, or equal.
- One (1) transfer point, Model #18251, or equal. Transfer point must be a minimum of 3' in height and a minimum of 36" in width.
- One (1) PrimeTime step link, Model #18259, or equal. Step link must be a minimum of 2' in height and with a deck a minimum of 36".
- One (1) PrimeTime access attachment, Model #18273, or equal. Attachment must be a maximum of 8" in height.
- One (1) PrimeTime suspension bridge, Model #18340, or equal. Bridge must be a minimum 36" in length.
- One (1) PrimeTime cosmix climber, Model #18361, or equal. Climber must be a minimum of 8' in height with a minimum of 36" deck.
- One (1) PrimeTime double zip slide, Model #18378, or equal. Slide must be a minimum of 5' in height.
- One (1) PrimeTime curved zip slide, Model #18387, or equal. Slide must be a minimum of 3' in height with a minimum 36" deck.
- One (1) PrimeTime shingle roof, Model #18671, or equal.
- One (1) PrimeTime 3 and 1/2" OD upright assembly, Model #G12026. Upright must be a minimum of 11' in height and must be constructed of galvanized steel.
- One (1) PrimeTime train whistle, Model #81695, or equal railroad themed item.
- One (1) GameTime owner's kit, Model #17849, or equal.

Cass Scenic Railroad State Park Playground Equipment

AREA 2 - WHITTAKER AREA

GameTime PowerScape plus modular unit or equal. Structure must be railroad themed and composed of the following components:

- Three (3) PowerScape punched steel deck, Model #80000, or equal. Deck must be a minimum of 49" in height.
- Four (4) PowerScape upright assembly, Model #80016, or equal. Upright must be a minimum of 9' in height and constructed of aluminum.
- Two (2) PowerScape upright assembly, Model #80017, or equal. Upright must be a minimum of 10' in height and constructed of aluminum.
- Seven (7) PowerScape upright assembly, Model #80018, or equal. Upright must be a minimum of 11' in height and constructed of aluminum.
- Four (4) upright assembly, Model #80019, or equal. Upright must be a minimum of 12' in height and constructed of aluminum.
- One (1) PowerScape perforated metal roof, Model #80104, or equal.
- One (1) PowerScape loop ladder, Model # 80311, or equal. Ladder must be a minimum of 5' in height.
- One (1) PowerScape leaning wall climber, Model #80395, or equal. Climber must be a minimum of 2' in height.
- One (1) PowerScape transfer point, Model #80653, or equal. Transfer point must be a minimum of 3' in height.
- One (1) PowerScape Access attachment, Model #80656, or equal. Attachment must be a minimum of 25 ½" wide x 14 ⅝" deep x 8" high.
- One (1) PowerScape handhold/kick plate package, Model #80687, or equal.
- One (1) 80694-stepped platform, Model #80694, or equal. Platform must be a minimum of 12" in height.
- One (1) tunnel-up crawl tube, Model #80715, or equal. Tube must be a minimum of 8' in length.

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Cass Scenic Railroad State Park
Playground Equipment

- One (1) PowerScape choo panel, Model #80936, or equal railroad themed item.
- Two (2) PowerScape train cabin, Model # 80945, or equal or equal railroad themed item.
- One (1) PowerScape funnel bridge, Model #81108, or equal. Bridge must be a minimum of 49" in length.
- One (1) PowerScape Giant wave climber link, Model #81143, or equal.
- One (1) PowerScape wildslide exit section, Model #81274, or equal.
- One (1) PowerScape wildslide 135 degree section, Model #81324, or equal.
- One (1) PowerScape wildslide entrance section, Model #81325, or equal.
- One (1) PowerScape double zipslide, Model #81344, or equal. Slide must be a minimum of 5' in height.
- One (1) PowerScape horizontal loop attachment, Model #81507, or equal. Attachment must be a minimum of 84" in height as measured from grasping device to protective surface and a minimum of 98" in length.
- One (1) PowerScape hand cycler, Model #81669, or equal railroad themed item.
- One (1) PowerScape train locomotive, Model # 81686, or equal railroad themed item.
- One (1) PowerScape single steering wheel, Model #81691, or equal.
- One (1) PowerScape upright assembly, Model #G80018, or equal. Upright must be a minimum of 11' in height and constructed of galvanized steel.
- One (1) PowerScape train whistle, Model #81695, or equal railroad themed item.

PrimeTime swing, Item #12583, or equal. Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ inch O.D. galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with finished surface; and must accommodate two (2) free standing swings.

PrimeTime swing add-a-bay, Item #12584, or equal. Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a

WVDNR210028
Cass Scenic Railroad State Park
Playground Equipment

minimum of 3 ½ inch O.D. galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with a finished surface; and must accommodate two (2) free standing swings.

PrimeTime swing belt seat package 3 ½" OD, item #8910, or equal. Package must include all hardware necessary to attach to a minimum of a 3 ½ inch top rail.

One (1) GameTime owner's kit, Model #17849, or equal.

ITEMS FOR BOTH PLAYGROUND AREAS

Engineered wood fiber or equal @ 8" compacted depth. Material must be recently harvested and debarked; free of chemical treatments and additives; free of soil, twigs, leaves and other contaminants.

Geo-textile fabric, 2,250 square foot roll, or equal. Fabric must provide a water permeable separation between the earth and the wood fiber and at least 150 gallons per square foot per minute. Installation to be completed by park personnel

WVDNR210028 Cass Scenic Railroad State Park Playground Equipment

All playground equipment must meet the following requirements:

SEE LETTERS ATTACHED
SEE ITEMS ENCLOSED

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

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

ATTACHED
yes

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 shall apply.

yes

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

yes

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

yes

Color scheme of equipment must be coordinated with Cass Scenic Railroad State Park. Color of items will be selected from manufacturer's standard colors.

OK
MJP
10-19-09

Cass Scenic Railroad State Park
PLAYGROUND EQUIPMENT SHEET

Please complete the below information concerning the brand(s) of equipment being bid in relation to this project. If bidding inchor equal inch 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 Quotation.

AS EQUAL BID WITH LITTLE TIKES FACTORY EQUIPMENT

Item No.	Equipment	Manufacturer	Model
1	Depot Area Playground - PrimeTime custom modular unit, or equal. The structure must include the following components:	LITTLE TIKES L.T.C.	39976445729 SEE DRAWINGS AND 3D COLOR
	Depot Area Playground - Three (3) PrimeTime 3 1/2" OD upright assembly, Model #12024, or equal.	LTC	200101172
	Depot Area Playground - Seven (7) PrimeTime 3 1/2" OD upright assembly, Model #12026, or equal.	LTC	200161175 200101173 200101174 200101172
	Depot Area Playground - one (1) PrimeTime D ring package, Model #12049, or equal.	LTC	200043217
	Depot Area Playground - four (4) PrimeTime 3 1/2" OD upright assembly, Model # 12077.	LTC	200101550
	Depot Area Playground - one (1) PrimeTime dna climber, Model #2113, or equal.	LTC	200061706 LOOP CLIMB
	Depot Area Playground - one (1) PrimeTime crunch bar, Model #12215, or equal.	LTC	200201312 LEG LIFT ALSO AS CRUNCH BAR
	Depot Area Playground - one (1) PrimeTime straight horizontal loop ladder attachment, Model #12219, or equal.	LTC	200061706

Cass Scenic Railroad State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	Depot Area Playground - one (1) PrimeTime rung access, Model #12615, or equal.	LITTLE TIKES COMMERCIAL LTC	2000 54580
	Depot Area Playground - one (1) PrimeTime therapeutic ring attachment, Model #12704, or equal.	LTC	2000 60513
	Depot Area Playground - one (1) PrimeTime single seat p/t, Model #12728, or equal.	LTC	STEP ROD AS SEAT 2000 79001
	Depot Area Playground - one (1) PrimeTime turning bar P/T, Model #12729, or equal.	LTC	2000 60513
	Depot Area Playground - one (1) PrimeTime rock wall climber, Model #12913, or equal.	LTC	2000 68766
	Depot Area Playground - two (2) square punched deck P/T 1 3125, Model #18200, or equal.	LTC	10000 5274 2 each
	Depot Area Playground - one (1) PrimeTime rectangular punched deck p.t. Model #18202, or equal.	LTC	10000 5274 1 each
	Depot Area Playground - one (1) transfer point, Model #18251, or equal.	LTC	200200 767
	Depot Area Playground - one (1) PrimeTime step link, Model #18259, or equal.	LTC	200200 659
	Depot Area Playground - one (1) PrimeTime 18273- 3' and 5' access attachment, Model #18273, or equal.	LTC	* LOOPS HANDLES AT CLIFF CLIMB AT RUNG LADDER SEE 3D COLOR

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	Depot Area Playground - one (1) PrimeTime suspension bridge, Model #18340, or equal. <u>ARCH BRIDGE</u>	LITTLE TIKES COMMERCIAL LTC	200200468
	Depot Area Playground - one (1) PrimeTime cosmix climber, Model #18361, or equal.	LTC	200200446 ACCORDIAN CLIMBER
	Depot Area Playground - one (1) PrimeTime double zip slide, Model #18378, or equal.	LTC	200200331 SIDE BY SIDE DOUBLE WIDE SLIDE
	Depot Area Playground - one (1) PrimeTime curved zip slide, Model #18387, or equal.	LTC	200064815 CURVED ELBOW
	Depot Area Playground - one (1) PrimeTime shingle roof, Model #18671, or equal.	LTC	200109105 SQ GREEN ROOF
	Depot Area Playground - one (1) PrimeTime 3 1/2"OD upright assembly, Model #G12026.	LTC	200101155
X	Depot Area Playground - one (1) PrimeTime train whistle, Model #81695, or equal. →	LTC ENGINEER BELL	20009001
2	Depot Area Playground - one (1) GameTime owner's kit, Model #17849, or equal.	LTC	200200531
3	Whittaker Area Playground - PowerScape plus modular unit, or equal. Structure must be composed of the following components:	LTC	39976442882 SEE DRAWING AND 3D COLOR
	Whittaker Area Playground - Three (3) PowerScape punched steel deck, Model #80000, or equal.	LTC	200013896

Cass Scenic Railroad State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	Whittaker Area Playground - four (4) PowerScape upright assembly, Model #80016, or equal.	LITTLE TIKES LTC COMMERCIAL	200200158
	Whittaker Area Playground - two (2) PowerScape upright assembly, Model #80017, or equal.	LTC	200107958
	Whittaker Area Playground - Seven (7) PowerScape upright assembly, Model #80018, or equal.	LTC	200107952
	Whittaker Area Playground - four (4) 80019- 12' upright assembly, aluminum.	LTC	200107951
	Whittaker Area Playground - one (1) PowerScape perforated metal roof, Model #80104, or equal.	LTC	200127153 ARCH MESH ROOF
	Whittaker Area Playground - one (1) PowerScape loop ladder, Model # 80311, or equal.	LTC	200102486
*	Whittaker Area Playground - one (1) PowerScape leaning wall climber, Model #80395, or equal. LEANING PANEL CLIMBER	LTC	200022428
	Whittaker Area Playground - one (1) PowerScape transfer point, Model #80653, or equal.	LTC	200200135
	Whittaker Area Playground - one (1) PowerScape Access attachment, Model #80656, or equal.	LTC	200200135
	Whittaker Area Playground - one (1) PowerScape handhold/kick plate package, Model #80687, or equal.	LTC	200200135

INCLUDED AS ADA TRANSFER POINT



PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	Whittaker Area Playground - one (1) PowerScape stepped platform, Model # 80694, or equal.	LITTLE TILES COMMERCIAL LTC	200013893
	Whittaker Area Playground - one (1) PowerScape tunnel-up crawl tube, Model # 80715, or equal.	LTC	200200007 INCLINE TUNNEL UP QUANTUM ↔ LOOP RING
	Whittaker Area Playground - one (1) PowerScape choo panel, Model #80936, or equal. TRAIN GEAR WHEEL	LTC	SMOKE STACK TIRE CATTLE GUARD 200201476 200-201336
	Whittaker Area Playground - two (2) PowerScape train cabin, Model # 80945, or equal.	LTC	ONE UNIT CABIN LOCOMOTIVE 200007102 200201481 FENDER TUNNEL CRAWL
	Whittaker Area Playground - one (1) PowerScape funnel bridge, Model #81108, or equal.	LTC	200100284 SHORT ARCH BRIDGE 50"
*	Whittaker Area Playground - one (1) PowerScape Giant wave climber link, Model #81143, or equal. STEP UNIT	LTC	200040781 DECK TO DECK STEPS AT TRANSFER UP TO DOUBLE ZIPSLIDE
	Whittaker Area Playground - one (1) PowerScape wildslide exit section, Model #81274, or equal.	LTC	INCLUDED AS SECTIONAL UNIT 200200552 QUANTUM SLIDE EXIT
	Whittaker Area Playground - one (1) PowerScape wildslide 135 degree section, Model	LTC	200200552 QUANTUM RT ANGLE 135°
	Whittaker Area Playground - one (1) PowerScape wildslide entrance section, Model #81325, or equal.	LTC	200200552 QUANTUM HOOD
	Whittaker Area Playground - one (1) PowerScape double zipslide, Model #81344, or equal.	LTC	200006976 DOUBLE WIDE ZIP

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	Whittaker Area Playground - one (1) PowerScape horizontal loop attachment, Model #81507, or equal.	LITTLE TIKES COMMERCIAL LTC	200073078 ALSO SEE ACCESS UP WITH STEP DECK 200065763
*	Whittaker Area Playground - one (1) PowerScape hand cycler, Model #81669, or equal. SINGLE POST WHEEL	LITTLE TIKES LTC	200200425 RED WHEEL ON POST
	Whittaker Area Playground - one (1) PowerScape train locomotive, Model #81686, or equal.	LITTLE TIKES LTC	SEE MEM SHEET MULTIPLE ITEMS PLUS MORE LOCOMOTIVE # 200201481
	Whittaker Area Playground - one (1) PowerScape single steering wheel, Model #81691, or equal.	LITTLE TIKES LTC	200114727 SINGLE WHEEL ON SAFETY RAIL
	Whittaker Area Playground - one (1) PowerScape upright assembly, Model #G80018, or equal.	LITTLE TIKES LTC	200200158 UPRIGHT POST ARCH CONNECTS TO ARCH MESH
*	Whittaker Area Playground - one (1) PowerScape train whistle, Model #81695, or equal. ENGINEER BELL	LITTLE TIKES LTC	20009001 ENGINEERS BELL
4	Whittaker Area Playground - one (1) PrimeTime 2 seat swing, Model #12583, or equal.	LITTLE TIKES LTC	200122457 2 BELT SEATS
5	Whittaker Area Playground - two (2) 2 seat Primetime swing add-a-bay, Model #12584, or equal.	LITTLE TIKES LTC	200122484 2 EACH ADD A BAY 4 BELT SEATS
6	Whittaker Area Playground - PrimeTime 3 1/2" belt seat with galvanized chain, Model #8910, or equal.	LITTLE TIKES LTC	200160711
7	Whittaker Area Playground - one (1) GameTime owner's kit, Model #17849, or equal.	LITTLE TIKES LTC	200200530

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
8	Depot Area Playground (2,396 Square Feet) and Whittaker Area Playground (3,615) - engineered wood fiber or equal @ 8" compacted depth.	ZEAGER BRAND WOOD CARPET	ENGINEERED WOOD FIBER EWF AS SPECED.
9	Depot Area Playground Whittaker Area Playground geo-textile fabric, 2,250 square foot roll, or equal.	PROPEX BRAND	1009743 NON WOVEN GEOTEXTILE

PRICING SHEET

X AS EQUAL BID WITH LITTLE TIRES FACTORY EQUIPMENT

Item No.	Quantity	Description	Unit Price	Amount
1	1	Depot Area Playground - PrimeTime custom modular unit or equal.	11,550 ⁰⁰	11,550
2	1	Depot Area Playground - one (1) GameTime owner's kit, Model #17849, or equal.	NO COST - 0 -	NO COST - 0 -
3	1	Whittaker Area Playground - PowerScape plus modular unit, or equal. Structure must be composed of the following components:	25,148 ⁰⁰	25,148 ⁰⁰
4	1	Whittaker Area Playground - one (1) PrimeTime 2 seat swing, Model #12583.	1570-	1570-
5	2	Whittaker Area Playground - Primetime swing add-a-bay, Model #12584, or equal.	500-	1000-
6	6	Whittaker Area Playground - PrimeTime 3 1/2" belt seat with galvanized chain, Model #8910, or equal.	50-	300-
7	1	Whittaker Area Playground - one (1) GameTime owner's kit, Model #17849, or equal.	NO COST - 0 -	NO COST - 0 -
8	6,011 Square Feet	Depot Area Playground (2,396 Square Feet) and Whittaker Area Playground (3,615) - engineered wood fiber or equal @ 8" compacted depth.	\$.60/SF	3606 ⁶⁰
9	3 Rolls	Depot Area Playground and Whittaker Area Playground geo-textile fabric, 2250 square foot roll, or equal.	\$.15/SF	1125 ⁰⁰
TOTAL:				<u>44,229⁶⁰</u>

*Forty four thousand
two hundred twenty nine dollars
and 60 cents.*

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.

NOT APPLICABLE
APPROPRIATE
RESIDENT
AGENT

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: _____ Signed: _____
Date: _____ Title: _____

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

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:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, 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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: VIRGINIA PLAYGROUND SERVICES - LLC RP
Authorized Signature: [Signature] Date: 10-19-09
AGENT



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

STATE OF WEST VIRGINIA
COUNTY OF KANAWHA, TO-WIT:

I, M. JAMES BENEDETT, after being first duly sworn, depose and state as follows:

- 1. I am an employee of VIRGINIA PLAYGROUND SERVICE, and,
(Company Name)
- 2. I do hereby attest that VIRGINIA PLAYGROUND SERVICE
(Company Name)

maintains a valid written drug free workplace policy and that such policy is in compliance with **West Virginia Code** §21-1D-5.

The above statements are sworn to under the penalty of perjury.

VIRGINIA PLAYGROUND SERVICE
(Company Name)

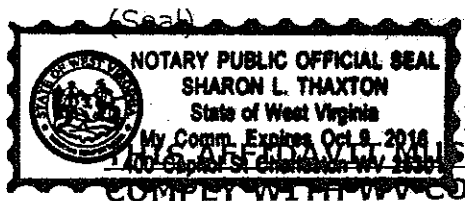
By: Matthew James Benedict
M. JAMES BENEDETT

Title: AGENT

Date: 5-12-09

Taken, subscribed and sworn to before me this 12th day of May 2009

By Commission expires 10-09-2016



Sharon L. Thaxton
(Notary Public)

THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLETE WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.



Little Tikes Commercial Equipment

Jim Benedict P.O. 1494
1607 East Market Street
Charlottesville, VA. 22902

jim@vaplaygrounds.com
434 249 2158 (cell)
434 296 3289 (fax)



KRYSTA FERREL
Frank Whittaker
Purchasing Division
State of West Virginia.
Department of Administration
2019 Washington St.
Charleston, WV 25305

RE. DNR Playground RFP

To whom it may concern,

*COMPLIANCE
STATEMENT
**

This letter and supporting bid documents represent our reply and price quote for the DNR Playground RFP for the referenced park site. We are quoting "as equal and better" to the specifications and item list indicated in this RFP. Our product is manufactured by Little Tikes Commercial factory, hereafter "LTC". This bid is offered by the factory by and thru the local WV agent

We state that we comply fully with all requirements for ASTM 1487 and CPSC 325 and ADA and IPEMA third party guidelines. We have attempted to meet the specifications and stated requirements and drawings showing play events. Plan views and 3D renderings are attached. Our actual items list has been notated to indicate our intended "as equal and better" LTC equipment in place of vendor named in specs. Our post system is 5 inch OD uprights. Our swing arch posts are 5 inch OD and the support beam is 3.5 inch OD. Our Attachments are direct bolt. Our posts are 3.5 inch steel, prepared and powder coated in the colors requested. Some upright posts are not aluminum, but are heavy duty OD diameter steel, and powder coated steel with extra epoxy coating. Our posts offer 100 year warranty against defects. Recent equipment industry standards recommend this heavy duty steel in order to meet the demand for strength, durability, and low maintenance over time. We ask you to please review all attachments in support of our full compliance for this RFP.

CPSIA #101

With regards,
[Signature]
M James Benedict, agent
Va Playground Services and LTC

** WE FULLY COMPLY WITH CPSIA
CONSUMER PRODUCT SAFETY #101
IMPROVEMENTS ACT RELEAD COMMENT*



Playgrounds Fun & Easy!

PlayPower LT Farmington, Inc.
One Iron Mountain Drive
Farmington, MO 63640 USA
1-800-325-8828

Handwritten signature

Table with 3 columns: Components Part number, Description, Qty. Lists various playground parts like posts, ladders, and decks with their respective quantities.

Additional Items

Table with 3 columns: Part number, Description, Qty. Lists additional items like age labels, crates, tool boxes, and MSDS books.

WHITTAKER SITE
C#00 C#00



PlayPower LT Farmington, Inc.
One Iron Mountain Drive
Farmington, MO 63640 USA
1-800-325-8828

Playgrounds Fun & Easy!

QUOTATION

100001129	KB LONG DK/DK PLATE 305MM/12"	1	31.00	1.00
100001127	KB LONG DK/DK PLATE 205MM/8"	2	50.00	0.76
200200158	POST F/ARCH 3760MM (12'4") ALUM. KB	4	120.00	8.00
200107952	POST, 3760MM (12'4") ALUM W/ALUM CAP KB	8	248.00	24.00
200107950	POST, 3050MM (10') ALUM W/ALUM CAP KB	2	50.00	4.00
200107951	POST, 3455MM (11'4")ALUM W/ALUM CAP KB	8	224.00	24.00
200022428	PANEL LADDER 610/24" SAFETY LOOPS BD KB	1	88.00	10.00
200200552	KB QUANTUM SLIDE 64"(1625MM) ELBOW RGT	1	200.00	70.00
200073078	LOOP CHALLENGE LADDER KB	1	103.00	33.00
200065763	OVERHEAD STEP DECK F/KB	1	45.00	3.00
200200007	KB "INCLINE" CRAWL TUNNEL DKMT	1	236.00	159.00
200100284	BRIDGE ARCH 4" W/SAFETY RAILS KB	1	268.00	9.00
200006976	SLIDE DBL.WD. 1220 MM/48" KB	1	164.00	70.00
200102486	CLIMBER FAN 56"/1422mm F/KB	1	141.00	48.00
200007112	PANEL ARCH BUBBLE DKMT. KB	1	33.00	8.00
200122484	SWING ARCH ADD-ON (8') W/2 BELT F/KB	2	480.00	12.00
200122457	SWING ARCH SGL. BAY (8') W/2 BELT F/KB	1	401.00	10.00
200014952	LADDER RUNG 1220 MM W/SAFETY LOOP KB	1	77.00	7.00
200040781	STEPS DECK/DECK 508 MM W/SAFETY RAILS K	1	174.00	20.00
200127153	ROOF ARCH MESH KB F/SWAGE POST	1	184.00	35.00
200201476	KB TRAIN SMOKE STACK	1	20.00	2.00
	Train Plastic Clr = Forest Green			
200109865	KBP SAFETY RAIL DKMT	2	100.00	12.00
200201474	KB TRAIN GEAR PANEL DK EDGE POST MOUNT	1	95.00	2.00
200201336	KB TRAIN CATTLE GUARD	1	35.00	12.00
200129385	TIRE,F/TRIAN - TRUCK TRUCK KB	2	90.00	24.00
200200235	TRANSFER STATION 915 KB W/SAFE.RAILS	1	335.00	27.00
200007102	TUNNEL CRAWL 760 MM DKMT. KB	1	120.00	44.00
200013896	DECK 1/2 SQUARE KB	6	396.00	48.00
200200425	KB POST MOUNT ALUM. STEERING WHEEL	1	3.00	1.00
200013893	DECK SQUARE KB	2	232.00	20.00
200201481	KB TRAIN FENDER PTMT	2	34.00	8.00
200114727	KBP SAFETY RAIL W/WHEEL MOUNT DKMT(2001	1	51.00	0.00

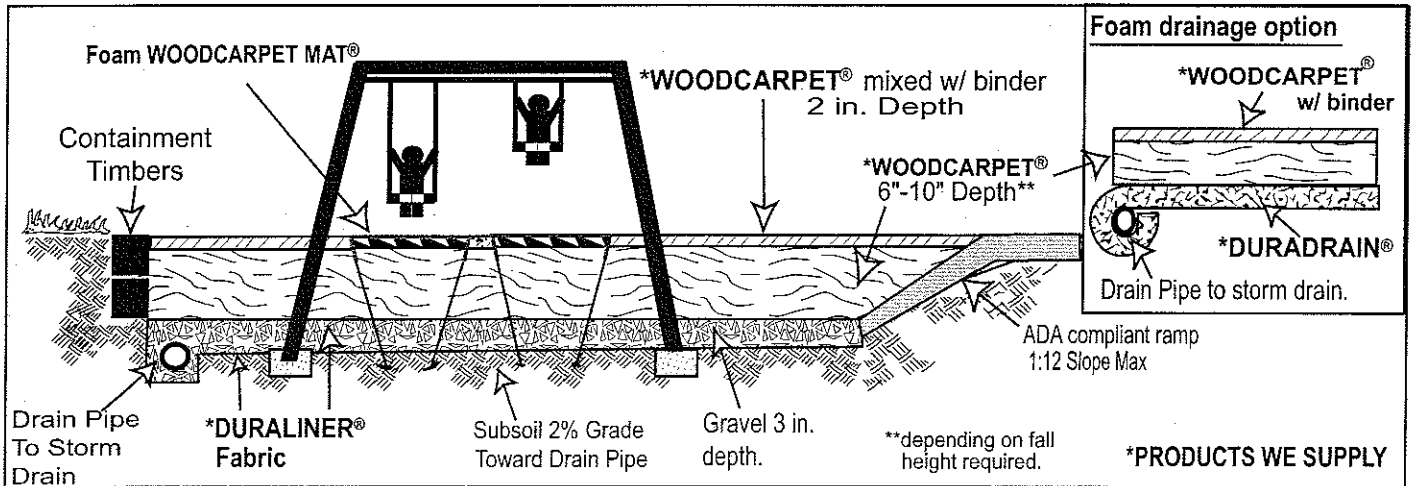
TRAIN COMPONENTS

20009001 Engineer's
Bell and striker
STEP POD AS SEAT

Additional Items

200104307	LABEL AGE APP. (5 TO 12 YRS.)	2	0.00	0.00
200111492	LABEL, IDENTIFICATION STAMPED W/RIVETS	1	0.00	0.00
200011008	CRATE, MED. 14' L X 54.5" H	2	770.00	0.00
200011004	CRATE, MED. 14' L X 34.5" H	1	277.00	0.00
200008193	TOOL BOX KID BUILDERS (MM)	1	3.00	0.36
200200530	KIT MAINTENANCE KB W/PAINT	1	10.00	1.00
200164519	MSDS BOOK	1	0.00	0.00

- A. **Product Data:** Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM F1292, F1951, F2075 test results, and samples.
- B. **Manufacturer Qualifications:**
 - 1. Member of International Play Equipment Manufacturer's Association (IPEMA).
 - 2. Total Liability Insurance Coverage: \$11,000,000.
 - 3. Sales Representatives attend National Playground Safety Institute (NPSI) training.
- C. **Warranty Covers Playground Surfacing for Following Periods:**
 - 1. Bonded Engineered Wood Fiber Playground Surfacing: 3 years
 - 2. Playground Surfacing Wear Mat: 5 years
- D. **Manufacturer:**
 - 1. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524.
 - 2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227.



- E. **Application:** Outdoor playground surface design for maximum accessibility.
- F. **Critical Heights:** 2" bonded layer plus 10 inches = 12 ft. of fall protection, 2 in. bonded layer plus 6 in. = 8 ft. fall protection. Check with play equipment manufacturer for recommended fall height needed for equipment. Note: **Because the layer of loose fill will eventually decay causing the impact resiliency of the surface to be less resilient, we recommend installing the 12 foot system for equipment over 4 feet and the 8 foot system for equipment under 4 feet. This will reduce the number of times the system will need to be resurfaced over the lifetime of the playground.
- G. **Installation Procedure:**
 - 1. Until the bonded surface wears in, we recommend installing a couple of inches of loose-fill Woodcarpet in high traffic areas. The product may have a rough texture to it for the first few months of use. Installing wear mats below swings and slides is recommended. Contact a Zeager representative for an authorized installer near you.

SPECIFICATION 7

SECTION 02790

PLAYGROUND SURFACING

H. Notes

1. Inadequate drainage voids the WOODCARPET® conditional limited warranty and hastens decomposition.
2. Periodic maintenance should include removing debris, check -ing for cracks and weaknesses in bonded layer. See also WOODCARPET® maintenance recommendations.

I. Products

1. Engineered Wood Fiber Playground Surfacing: WOODCARPET®
 - a. Composition:
 - (1) Premium Woodcarpet contains 100% pre-consumer recovered wood.
 - (2) Recycled Woodcarpet may contain up to 100% post-consumer recovered wood.
 - b. Dimensions: Randomly sized wood fibers.
 - c. Sieve Analysis, ASTM F2075: Meets criteria.
 - d. Hazardous metal, ASTM F2075: Meets criteria.
 - e. Tramp metal, ASTM F2075: Meets criteria.
 - f. Impact, ASTM F1292: 12" -10 ft., 10" - 8 ft. & 8" - 6ft. of fall protection including 1.5" bonded layer.
 - g. Accessibility, ASTM F1951-08: Meets criteria.
 - h. Resistance to Flammability, 16 FR Part 1630 Standard for Surface. Flammability of Carpets and Rugs (FFI-70), Modified Procedures. Not Oven Dried: Meets Criteria.
 - i. Flammability, 16 CFR 1500.44, Federal Hazardous Substances Act Title 16, Chapter II, Subchapter C for Rigid and Pliable Solids: Did not ignite.
2. Geotextile Fabric: DURALINER®
 - a. Composition: Non-woven, needle-punched, UV-treated, polypropylene or polyester spun bound fabric.
 - b. Recycled content: 0%.
 - c. Size: 5 to 6 feet wide x 250 feet long
 - d. Weight, ASTM D3776: Min. 3.69 ounces per square yard.
 - e. Thickness, ASTM D5199: min.55 mils.
 - f. Grab Tensile Strength, ASTM D4632: min. 90 pounds.
 - g. Mullen Burst Strength, ASTM D3786: min. 132 pounds.
 - h. Puncture Resistance, ASTM D4833: min. 60 pounds.
 - i. Trapezoid Tearing Strength, ASTM D4533: min. 40 pounds.
 - j. Permittivity, ASTM D4491: min. 1.9 sec-1.
 - k. Flow Rate, ASTM D4491: min. 145 gallons per minute per sq.ft
 - l. Permeability, ASTM D4491: min. 0.24 centimeters per second.
3. Resilient Foam Drain: DURADRAIN®
 - a. Composition: Closed-cell, cross-linked, polyethylene foam.
 - b. Recycled content: 100% pre-consumer recovered foam.
 - c. Top surface: Covered with polyester spun bound fabric.
 - d. Size: 48" x 72" in.
 - e. Weight: 89 ounces per square yard.
 - f. Thickness: 1" w/ channels.
 - g. Density: 86 ounces per cubic foot.
 - h. Transmissivity, ASTM D4716: 3.65E-003 m² / sec.
 - i. Flow Rate, ASTM D2434: + 38 gallons/ minute per sq. ft. .
 - k. Impact, ASTM F1292: Meets criteria up to 2.5 feet alone.

I. Products- cont.

4. Playground Surfacing Wear Mat: Foam WOODCARPET MAT®
 - a. Composition: Closed-cell, cross-linked, polyethylene foam.
 - b. Recycled content: 100% pre-consumer recovered foam.
 - c. Top surface: Covered with layer of heavy duty vinyl.
 - d. Drain holes: 3/8 diameter holes, one per square foot.
 - e. Size: 44 in. x 44 in. [slide exit], 44 in. x 74 in. [swing]
 - f. Finished size: 32in.x32in. [slide exit], 32inx62in. [swing]
 - g. Weight: 1" thick= 1.1 pounds per square foot.
 - h. Thickness: 1.13"
 - i. Impact, ASTM F1292: meets criteria up to 3 feet.
5. WOODCARPET® Binder:
 - a. Composition:

Chemical family: Aromatic Isocyanate Prepolymer
Chemical name: Diphenylmethane Diisocyanate (MDI) Prepolymer
Formula: Proprietary chemical blend
 - b. Sizes available: 5-gallon pails, 260 gallon totes.
Note: MSDS sheets available upon request.

J. Materials:

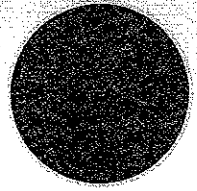
1. Drainage-Foam drain
 - A. DURADRAIN® foam panels
 - B. Construction adhesive if gluing fabric flaps.
2. Drainage- Gravel drain system
 - A. Duraliner geotextile fabric
 - B. Gravel: 1-2 in. pieces without fines.
 - C. Pipe: 3 to 4 inch diameter, perforated.
3. Surface
 - A. Woodcarpet
 - B. Binder
 - C. Mats- for slides, swings, etc.
 - D. Cleaning fluids for binder tools.

K. Tools:

1. Drainage:
 - A. Skid loader
 - B. Knife
 - C. Stone Rake
2. Surface:

A. Skid Loader	G. Cooking oil & pump sprayer
B. Wheel barrow	H. Tamping device, board or lawn roller
C. Rake	I. Empty cardboard boxes.
D. Shovel	J. Quart measuring cup & empty 5gal. pail
E. Mortar Mixer	K. Hand trowel for final finishing
F. Latex gloves	L. Mechanical Compactor

GEOTEX



GEOTEX® NONWOVEN GEOTEXTILES

Made from the highest quality polypropylene fibers, our Geotex® nonwoven geotextiles are needlepunched to form a strong fabric that retains its dimensional stability, adding years to the life of any roadway, railroad, landfill or civil/environmental engineering project. Used in subsurface drainage, separation, stabilization, erosion control and cushioning applications, our geotextiles are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils.

FEATURES & BENEFITS

- ▶ Mass per unit areas range from 3 to 17 oz/yd² (100 to 575 g/m²) to guarantee an available product for every application (heavier products may be available by special order)
- ▶ Superior chemical resistance in even the most aggressive environmental applications
- ▶ Staple fibers needlepunched together to form a sturdy fabric capable of withstanding construction installation stresses
- ▶ Contains additives for maximum UV resistance
- ▶ Produced at some of the largest, state-of-the-art production facilities to assure uniform product quality

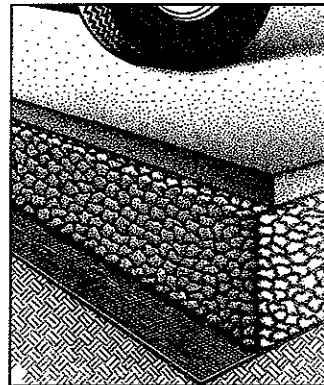
Outperforms and is more cost effective than conventional methods, including:

- ▶ Thicker aggregate layers
- ▶ Undercutting and removal
- ▶ Chemical stabilization
- ▶ Graded, granulated filters

GEOTEX® NONWOVEN GEOTEXTILES PRODUCT FAMILY TABLE

CIVIL	ENVIRONMENTAL
GEOTEX® 311	GEOTEX® 651
GEOTEX 351	GEOTEX 861
GEOTEX 401	GEOTEX 1071
GEOTEX 451	GEOTEX 1291
GEOTEX 501	GEOTEX 1701
GEOTEX 601	
GEOTEX 701	
GEOTEX 801	
GEOTEX 1001	
GEOTEX 1071	
GEOTEX 1201	
GEOTEX 1601	

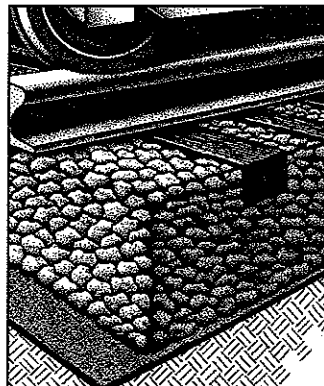
You can plan and implement road designs that will lower the cost and extend the life of your pavement—and our Roadways And Civil Engineering (R.A.C.E.) software can help. Download it today at geotextile.com.



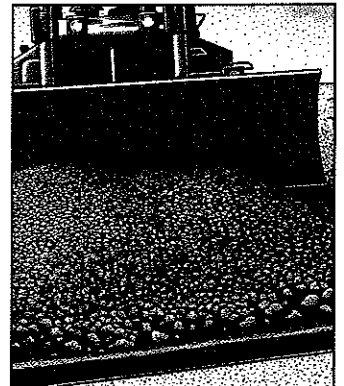
Geotex® nonwoven geotextiles can be deployed directly on a soft, saturated subgrade.



Wrapping a subsurface drainage system with a Geotex® nonwoven geotextile will improve roadway life.



Robust Geotex® nonwovens stabilize subgrades and prevent the fouling of ballast beneath railway track.



Geotex® heavyweight nonwoven geotextiles allow the construction of landfill drainage layers without fear of liner damage.

PROPEX

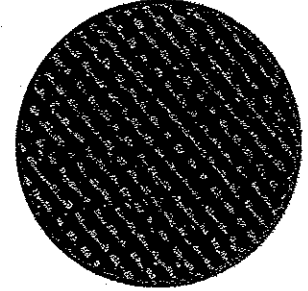
THE ADVANTAGE CREATORS™

GEOSYNTHETICS

Geotex

WOVEN SLIT FILM GEOTEXTILES

Featuring high tensile strengths and low elongations, our Geotex® woven geotextiles have a remarkable capacity for filtering soils, distributing loads, reducing rutting and extending the life of paved and unpaved roadways. Made from individual yarns woven together to provide dimensionally stable geotextiles, they are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils. All of our woven geotextiles are backed by decades of in-field performance in everything from separation and filtration to erosion control and waste containment applications.



Geosynthetics

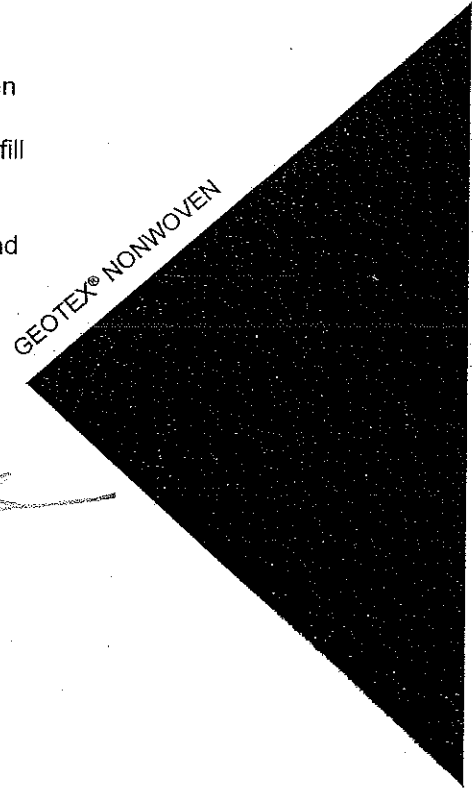
- 1007741 GEOTEX 135ST/2000 (12.5X432) 600SY/RL
- 1008421 GEOTEX 135ST/2000 (17.5X360) 700SY/RL
- 1007738 GEOTEX 200ST/2002 (12.5X432) 600SY/RL
- 1007742 GEOTEX 200ST/2002 (17.5X309) 600SY/RL
- 1008445 GEOTEX 250ST/2004 (12.5X360) 500SY/RL
- 1008446 GEOTEX 250ST/2004 (17.5X258) 501.67SY/RL
- 1007997 GEOTEX 315ST/2006 (12.5X360) 500SY/RL
- 1008066 GEOTEX 315ST/2006 (17.5X258) 501.67SY/RL

NONWOVEN GEOTEXTILES

Made from the highest quality polypropylene fibers, our Geotex® nonwoven geotextiles are needlepunched to form a strong fabric that retains its dimensional stability, adding years to the life of any roadway, railroad, landfill or civil/environmental engineering project. Used in subsurface drainage, separation, stabilization, erosion control and cushioning applications, our geotextiles are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils.

Geotex® Lightweight Nonwovens

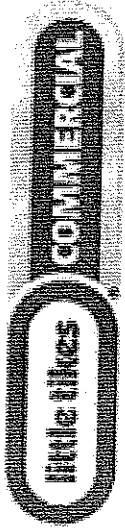
The ability of lightweight Geotex® nonwoven needle punched geotextiles to restrict soil particles but allow water to easily pass through makes them perfect for filtration and/or separation applications.



Geotex ←



- * 1009743 GEOTEX 311/4535 (12.5X360) 500SY/RL
- 1004840 GEOTEX 311/4535 (15X360) 600SY/RL
- 1009744 GEOTEX 351/4545 (12.5X360) 500SY/RL
- 1004779 GEOTEX 351/4545 (15X360) 600SY/RL
- 1008179 GEOTEX 451/4547 (12.5X360) 500SY/RL
- 1008178 GEOTEX 451/4547 (15X360) 600SY/RL



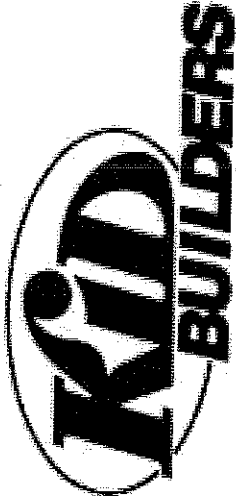
Project name: Cass Scenic Locomotive

Site address: Box 107 Route 250

Cass

WV 24927

USA



Sales representative: Virginia Playground

Specification Documents

Project number:

LP847_39976442882_1

Please, read all information in this manual before starting to install your equipment.

Date: 2009-06-13 14:34:00

Product specifications listed were correct at the time of publication. However, Little Tikes Commercial Play Systems has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.

Plastic Caps shall fit snugly into 127 mm (5") and 33 mm (1.315") tube ends and shall be injection molded Low Density Polyethylene. This plastic shall be stabilized against ultraviolet (UV) degradation and shall have color molded in. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

Aluminum Caps shall fit snugly into 127 mm (5") tube ends. The Aluminum cap shall be made from SAE 413 aluminum with a minimum wall thickness of 4 mm. Prior to insertion into the post, all caps shall be painted per PPLT PAINT Specification. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

-Paint shall be applied per PPLT PAINT Specification.

-Rotationally Molded Plastic Parts shall be molded per PPLT ROTO Specification.

-Textured Poly-Vinyl-Chloride coating shall be per PPLT PVC Specification.

Hardware: Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be metric stainless steel and tamper resistant. All necessary hardware shall be provided.

Deck Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp attachment bracket shall be formed from 11 gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

Rail Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a minimum 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

Wing and Panel Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp wing bracket shall be formed from 7 gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant

fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

All Steel Tube Components shall comply with ASTM standards: A-500, or A-513. The steel tube components contain five layers including an inside galvanized coating, high tensile strength cold formed steel, hot dipped pure zinc meeting ASTM B-6 applied at 3.5 tenths of an once per square foot, and a proprietary conversion and advanced polymer coatings. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system which shall include a rust-inhibitive iron phosphate wash prior to painting. Exceptions: 127 mm (5") O.D. aluminum posts.

-PPLT PAINT Specification: Primer shall be electrostatically applied and cured in an infrared oven. Paint shall be an electrostatically applied polyester TGIC (triglycidyl isocyanurate) powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The thickness of the combined primer/paint shall be between 5 mils and 11 mils. The polyester powder shall comply with ASTM standards: D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), G26 (Weatherability Test), and D3359B (Adhesion Crosshatching Test).

-PPLT ROTO Specification: Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard (for Molding purposes) and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Deflection Temperature), ARM-STD (Low Temperature Impact) and rated UL 94.

-PPLT PVC Specification: Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.

ALUMINUM STEERING WHEEL shall be cast in alloy 319 aluminum of the Aluminum-Zinc-Magnesium type and comply to ASTM SC64d, UNS-AO3191, QQA-371e, and QQA-596d standards. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all components shall be painted per PPLT PAINT Specification.

COLOR KICK PLATES AND DECK TO DECK ACTIVITY PLATES shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel for the 8", 12", and 16", 24", 28", and 32" plain models. Models with slots or Parachutes (24", 28", 32") shall be fabricated from 11 gauge (3.0 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall be painted per PPLT PAINT Specification. 8", 12" and 16" plates shall have fun faces laser cut into them. 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet.

ALUMINUM POST shall be 127 mm (5") O.D., 3 mm (.118") extruded round tubing. The type of aluminum shall be 6061-T6 (ASTM B-221). Minimum tensile strength shall be 262MPa (38,000psi). Minimum yield point shall be 242MPa (35,000psi). The bottom portion of all upright posts shall be crimped slightly to enhance retention in concrete footings. Plastic caps shall fit into the uncrimped end of the 127 mm (5") tube. After fabrication, all posts shall be painted per PPLT PAINT Specification.

LADDER PANEL shall be fabricated from 11 gauge sheet steel. Foot openings shall be 76 mm (3") high x 429 mm (16.875") wide and evenly spaced. Treads shall be 32mm (1.25") deep. The complete ladder assembly shall be coated per PPLT PVC Specification. Available with hand hold loops or safety loops. Safety Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11 gauge) pre-galvanized

sheet steel. Hand Hold Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall be painted per PPLT PAINT Specification.

QUANTUM SLIDE SECTIONS shall be rotationally molded per PPLT ROTO Specification and bolt together to form a single bed way slide. Footing supports are fabricated from pre-galvanized 48.3mm (1.90") diameter steel tubing welded with 7 gauge pre-galvanized sheet steel. All steel components shall be painted per PPLT PAINT Specification.

LOOP CHALLENGE shall have loops welded to a center support beam fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing welded to the center support beam. After fabrication all parts shall be painted per PPLT PAINT Specification.

KB DECK STEP for OVERHEAD is fabricated from rotationally molded per PPLT ROTO Specification. SUPPORT is fabricated from 38 mm (1.5") x 38 mm (1.5") square pre-galvanized tubing painted per PPLT PAINT Specification. KICK PLATE is fabricated from 2.3mm (13 gauge) sheet steel coated per PPLT PVC Specification.

VINYL CLAD HALF DECK shall cover a minimum of .73 square meters (1,138 square inches) of top surface area and be a one-piece construction. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips and 7 gauge corner plates. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be coated per PPLT PVC Specification.

CRISS CROSS, ARCH, AND INCLINE CRAWL TUNNELS shall consist of 35 degree sections and have an approximate internal diameter area of 762 mm (30"). Tunnel sections and panels shall be rotationally molded per PPLT ROTO Specification.

ARCH BRIDGE WITH SAFETY RAILS shall be a minimum of 915 mm (36") wide. Arch Bridge shall be fabricated from precision punched 13 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be vinyl dipped per PPLT PVC Specification. Safety Rails vertical rungs shall be fabricated from 1" X 3/4" FSO pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure, and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Safety rails shall be painted per PPLT PAINT Specification.

DOUBLE WIDE SLIDE WITH HOOD shall be rotationally molded per PPLT ROTO Specification. Plastic double wide slide sides shall be 203 mm (8") high from the slide surface and slide bed way shall be designed with a 406 mm (16") minimum width. Double wide slide shall be a one-piece design with a center divider having no seams, joints or gaps. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Mid support shall be fabricated from 60.3 mm (2.37") O.D. tubing. All steel tubing shall be painted per PPLT PAINT Specification.

FAN CLIMBER shall be designed to incorporate a one-piece, all welded construction with rungs welded to side rails. The side rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing and shall be arched with a center-to-center spacing of 496 mm (19.5"). The rungs shall be fabricated from 33.4 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. Fan Climbers mount directly to safety

loops on a deck. Safety Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11 gauge) pre-galvanized sheet steel. After fabrication all parts shall be painted per PPLT PAINT Specification.

KID BUILDERS™ 8' (2.4 m) ARCH SWINGS (All Seats) beam shall be fabricated from 60 mm (2.375") O.D. 5 gauge pre-galvanized steel tube. The legs and arch are to be of one piece construction fabricated from 127 mm (5") 11 gauge pre-galvanized steel tube. The beam and uprights shall be painted per PPLT PAINT Specification. Anti Wrap-over swing bearings (U.S. Patent 6,123,480) shall be fabricated from 415D sand cast Aluminum Bronze with injection molded nylon plastic sleeve. Swing chains shall be 4/0 straight link galvanized steel. All seats shall have ultraviolet (UV) light stabilizers, anti-static guard and black color molded in. Swings seats shall be flame retardant and also provide excellent chemical resistance.

Standard Belt Swing Seats shall be heavy duty construction, fabricated from 70 durometer EPDM rubber with a tempered steel insert molded inside, rendering them slash proof.

Tot Swing Seats shall be heavy duty construction, fabricated from black EPDM rubber with a tempered steel insert molded inside, rendering them slash proof. Tot seat shall be fully enclosed to prevent slipping out and provide lower back support. Two sizes of leg cutouts make this seat versatile enough to accommodate larger children with special needs also.

Duraglide Standard Swing Seat shall be molded using water-blown integral skin Polyurethane foam. This material yields excellent physical properties while providing a soft comfortable feel. The internal reinforcing plate shall be 2.3 mm (.09") thick steel. Attachment loops shall be formed from 8 mm (.311") diameter 304 stainless steel rod with a tensile strength of 586mpa (85,000psi).

The Inclusive Swing Seat shall be rotationally molded per PPLT ROTO Specification with molded in graphics. The assembly contains 9.5mm (3/8") steel zinc-dichromate plate and 33 mm (1.315") O.D. pre-galvanized steel tubing painted per PPLT PAINT Specification. Chains for Inclusive Seat shall be coated per PPLT PVC Specification.

SAFETY RAIL shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 3/4" X 1" FSO pre-galvanized steel tubing. Side plates shall be fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. Deck mounted safety rails shall have a bottom plate fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. The Safety Rails provide a non-climbable enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. After assembly, panel shall be painted per PPLT PAINT Specification.

BUBBLE PANEL shall be fabricated per PPLT ROTO Specification. Bubble shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant Polycarbonate material (Lexan) and shall be optically clear. The bubble panel shall be attached to the Lexan bubble to provide an enclosure.

RUNG LADDER shall be designed to incorporate a one-piece, welded construction to aid installation. Rung ladder side rails shall consist of 33 mm (1.315") O.D. pre-galvanized steel tubing. Rungs shall be fabricated for 25 mm (1") O.D. pre-galvanized steel tubing. Brackets shall be fabricated

from 7 gauge pre-galvanized steel. Available with hand loops or safety loops. Safety Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11 gauge) pre-galvanized sheet steel. Hand Hold Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall be painted per PPLT PAINT Specification.

DECK TO DECK STEPS WITH SAFETY RAIL shall consist of welded tread, riser and stringer sections fabricated from 13 gauge hot rolled steel. This assembly shall be coated per PPLT PVC Specification. Safety Rails shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized tubing. Safety rails shall provide an enclosure and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Safety Rails to be painted per PPLT PAINT Specification.

ARCHWAY ROOF ARCHES shall be fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Arches shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (.25" x 3") slots fabricated over the entire surface to provide light. The roof section shall be mechanically attached to each arch to form the archway roof assembly. After fabrication the archway roof shall be painted per PPLT PAINT Specification. The archway roof assembly shall be slipped over Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

TRAIN SMOKE STACK shall be rotationally molded per PPLT ROTO Specification. The top of the smoke stack shall be covered with a polycarbonate (Lexan) dome. The Support posts shall be fabricated from 60.3mm (2.375") 12 gauge pre-galvanized tubing with 11 gauge pre-galvanized sheet steel plates. The Support posts shall be painted per PPLT PAINT Specification.

TRAIN GEAR PANEL shall be fabricated from high density polyethylene sheet and polycarbonate sheet (Lexan).

TRAIN FENDER PANEL shall be rotationally molded per PPLT ROTO Specification.

TRAIN CATTLE GUARD vertical rails shall be a fabricated from 1" X 3/4" FSO and pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Welded assembly shall be painted per PPLT PAINT Specification.

FIRE TRUCK TIRE PANEL shall be rotationally molded per PPLT ROTO Specification. They shall have aesthetic hardware covering inserts fabricated from Aluminum Tread Plate.

TRANSFER STATION WITH SAFETY RAIL shall consist of two triangular decks and step assemblies for the handrails. Each triangular deck shall be fabricated from 13 gauge sheet steel, covering .37 square meters (575 square inches) and have three 25 x 152 mm (1" x 6") hand slots incorporated into the deck surface for aid in user transition. The step assemblies provide access from the transfer decks to a 915 mm (36"), 1016 mm (40"), 1220 mm (48"), 1422 mm (56"), 1625 mm (64") deck height. Each step shall have a tread depth of 406 mm (16") and a tread width of 953 mm (37.5"), with each rise 203 mm (8") or less. Each step assembly shall have an all welded construction from 13 gauge sheet steel. Each step assembly and Transfer Deck shall be coated per PPLT PVC Specification. Transfer Station Safety Rails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 11 gauge tubing and 3/4" X 1" FSO pre-galvanized tubing. Safety rails shall provide an enclosure and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall be painted per PPLT PAINT Specification.

STRAIGHT CRAWL TUNNEL shall be designed to work between 1.2 m (48") post centers. Crawl tunnels shall have an approximate internal diameter of 762 mm (30"). Tunnel and panel shall be rotationally molded per PPLT ROTO Specification.

SQUARE VINYL CLAD METAL DECK shall cover a minimum of 1.46 square meters (2,275 square inches) of top surface area, be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips and 7 gauge plates. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be coated per PPLT PVC Specification.

SAFETY RAIL WITH ALUMINUM STEERING WHEEL shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 3/4" X 1" FSO pre-galvanized steel tubing. Side plates shall be fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. The Safety Rails provide a non-climbable enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. Deck mounted safety rails shall have a bottom plate fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. Steering wheels shall be cast in alloy 319 aluminum of the Aluminum-Zinc-Magnesium type and comply to ASTM SC64d, UNS-A03191, QQA-371e, and QQA-596d standards. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all these components shall be painted per PPLT PAINT Specification.

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Project name: CASS Scenic Depot

Site address: Box 107 Route 250

Cass

24927

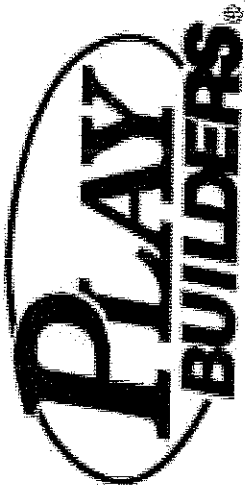
WV

USA

FOR
DEPOT SITE
SMALL PLAY CNT



Playgrounds Fun & Easy!



Sales representative: Virginia Playground

Specification Documents

Project number:

LP847_39976445729_1

Please, read all information in this manual before starting to install your equipment.

Date: 2009-06-13 14:29:43

- Product specifications listed were correct at the time of publication. However, Little Tikes Commercial Play Systems has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.
- Plastic Caps shall fit snugly into 89 mm (3.5"), 33 mm (1.315"), and 25 mm (1") diameter pipe ends. Plastic caps for 89 mm (3.5") shall be injection molded polypropylene. Plastic caps for 33 mm (1.315") and 25 mm (1") shall be injection molded low density polyethylene. This plastic shall be stabilized against ultraviolet (U.V.) degradation and shall have color molded in. All caps shall be pre-installed at the factory.
- Brackets shall be fabricated from punched and formed 4.5 mm pre-galvanized sheet steel.
- Gaskets shall be rubber injection molded from ultraviolet (U.V.) protected synthetic rubber. Rubber gaskets shall provide an aesthetic seal around the wonder fastener and bracket.
- Paint shall be applied per PPLT PAINT Specification.
- Rotationally Molded Plastic Parts shall be molded per PPLT ROTO Specification.
- Hardware: Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be Stainless Steel and be tamper resistant. All necessary hardware shall be provided.
- Textured Poly-Vinyl-Chloride coating shall be per PPLT PVC Specification.
- PPLT PAINT Specification: Primer shall be electrostatically applied and cured in an infrared oven. Paint shall be an electrostatically applied polyester TGIC (triglycidyl isocyanurate) powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The thickness of the combined primer/paint shall be between 5 mils and 11 mils. The polyester powder shall comply with ASTM standards: D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), G26 (Weatherability Test), and D3359B (Adhesion Crosshatching Test).
- PPLT ROTO Specification: Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard (for Molding purposes) and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Deflection Temperature), ARM-STD (Low Temperature Impact) and rated UL 94.
- PPLT PVC Specification: Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.
- STEEL POST shall be 89 mm (3.5") O.D., 11 gauge pre-galvanized round tubing. Minimum tensile strength shall be 330MPa (48,000 psi). Minimum yield point shall be 310MPa (45,000 psi). Plastic caps shall be positioned in the top of each post. Posts shall be painted per PPLT PAINT Specification.

CHINING BARS, TURNING BARS, AND SINGLE RAILS will be designed to be mounted to the post for the ease of installation and shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall be painted per PPLT PAINT Specification.

RING CHALLENGE shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have ring coils fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Ring challenge shall be an all welded construction and shall be painted per PPLT PAINT Specification.

DOUBLE WIDE SLIDES shall be rotationally molded per PPLT ROTO Specification. Plastic double wide slide sides shall be 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Double wide slide shall be a one-piece design with a center divider having no seams, joints or gaps. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Mid support shall be fabricated from 60.3 mm (2.37") tubing. All steel tubing shall be painted per PPLT PAINT Specification.

ACCORDION CLIMBER shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The End Support for the Accordion Climbers shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized tube. Enclosures shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized steel tubing. After fabrication all parts shall be painted per PPLT PAINT Specification.

CLIFF CLIMB shall be rotationally molded per PPLT ROTO Specification. The Cliff Climb shall have the appearance of a rock face with foot and hand holds molded in for scaling. The rear of the Cliff Climb shall house 3 mm Polycarbonate Mirror.

PB DECK TO DECK STEPS WITH SAFETY RAIL shall consist of welded tread, riser and stringer sections fabricated from 13 gauge hot rolled steel. This assembly shall be coated per PPLT PVC Specification. Handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing for the top rail, 15 gauge 3/4" X 1" obround pre-galvanized steel for vertical rungs, and 13 gauge pre-galvanized sheet steel for the bottom plate. Safety rails shall provide an enclosure and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Safety Rails shall be painted per PPLT PAINT Specification.

PB LEG LIFT BAR shall be fabricated from 25 mm (1") O.D., pregalvanized steel tube. Mounting tab shall be fabricated from 7 gauge pre-galvanized sheet steel. After fabrication, all parts to shall be painted per PPLT PAINT Specification.

ELBOW SLIDES side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide and Slide Enclosure shall be rotationally molded per PPLT ROTO Specification. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall be painted per PPLT PAINT Specification.

SQUARE VINYL CLAD METAL DECK shall cover a minimum of 1.03 square meters (1,596 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be coated per PPLT PVC Specification.

SQUARE ROOF shall be approximately 1.6 square meters (17.2 square feet) and 700 mm (27.5") high. The roof shall be rotationally molded per PPLT ROTO Specification.

RUNG LADDER shall be designed to incorporate a one-piece, welded construction to aid installation. Rung ladder side rails shall consist of 33 mm (1.315") O.D. pre-galvanized steel tubing. Rungs shall be fabricated for 25 mm (1") O.D. pre-galvanized steel tubing. Brackets shall be fabricated from 7 gauge pre-galvanized steel. Available with hand loops or safety loops. Safety Loops shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized steel tubing. Hand Hold Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall be painted per PPLT PAINT Specification.

ARCH BRIDGE WITH SAFETY RAILS shall be a minimum of 915 mm (36") wide. Arch Bridge shall be fabricated from precision punched 13 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be vinyl dipped with a textured Poly-Vinyl-Chloride coating and shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry. Safety Rails vertical rungs shall be fabricated from 1" X 3/4" FSO pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure, and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Safety rails shall be painted electrostatically applied primer and cured in an infrared oven. Paint shall be an electrostatically applied polyester TGIC (triglycidyl isocyanurate) powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The thickness of the combined primer/paint shall be between 5 mils and 11 mils. The polyester powder shall comply with ASTM standards: D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), G26 (Weatherability Test), and D3359B (Adhesion Crosshatching Test).

LOOP CLIMBER shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The loop climber shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, 3/4" X 1" FSO pre-galvanized steel tubing and 4.5 mm (7 gauge) galvanized sheet steel. After fabrication all parts shall be painted per PPLT PAINT Specification.

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LTC. Little Tikes Commercial.Product Warranty Statement.

Full One-Year Warranty

PlayPower LT Farmington, Inc., (PPLT) warrants that if any product components fail due to defects in materials or workmanship, within one year from date of delivery, PPLT will repair or replace such defective components by providing free of charge replacement part(s) to the site. PPLT will not be responsible for the cost of labor for the removal of nor the cost of labor for the installation of repaired or replacement part(s). In addition, the following limited warranties apply from date of delivery for the following PPLT products and components:

Limited 100-Year Warranty

On all KidBuilders^a aluminum posts and steel clamps, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 100-Year Warranty

On KidBuilders^a, SkyBuilders^a, PlayBuilders^a and MaxPlay^a steel posts and stainless steel hardware, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 50-Year Warranty

On the performance of Landsaft^a Rubber Mulch safety surfacing.

Limited 15-Year Warranty

On KidBuilders^a, SkyBuilders^a, PlayBuilders^a and MaxPlay^a main structures under normal use and proper maintenance against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship. This warranty includes only the vinyl clad decks, rails, loops and rungs that comprise the main structure.

Limited 15-Year Warranty

On all KidBuilders^a, SkyBuilders^a, PlayBuilders^a and MaxPlay^a polyethylene slides, enclosures, and plastic components under normal use and proper maintenance against structural failure caused by defects in materials and workmanship.

Limited 10-Year Warranty

On all ShadeBuilders^a steel frames under normal use and proper maintenance against failure due to corrosion, deterioration or faulty workmanship.

Limited 10-Year Warranty

On Landsaft^a Rubber Mulch color steadfastness.

Limited 8-Year Warranty

On the performance and appearance of Landsaft^a Synthetic Turf safety surfacing. Please contact your local representative for more information.

Limited 5-Year Warranty

On all ShadeBuilders^a fabric due to rot, UV deterioration (shades of red are limited to 3 years) or defective workmanship.

Limited 3-Year Warranty

On all Playground Sculptures and PlayCenter polyethylene slides, enclosures, main structure, decks, and plastic components against failure caused by defects in materials and workmanship.

Limited 3-Year Warranty

On KidTiles^a, KidTimbers^a, Border Panels, RockTimbers^a and all KidRiders^a products (excluding spring assemblies) against structural failure due to defects in materials and workmanship.

PLEASE NOTE. The above mentioned warranties do not include any cosmetic issues, e.g., scratches, dents, marring, fading of colors and discoloration of wood due to weathering, and are valid only if the products are installed in conformity with the layout plan and/or installation instructions furnished by PPLT; have been maintained and inspected in accordance with PPLT's instructions; have not been subjected to misuse, negligence or accident; have not been subjected to addition or substitution of parts; and have not been modified, altered or repaired by persons other than PPLT or PPLT's designees. Labor and damage resulting from vandalism, abnormal use, incorrect installation, or lack of maintenance are not covered by this warranty. Except as specifically stated herein, all warranties, express or implied, including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose are hereby EXCLUDED. This warranty excludes any liability other than expressly stated including but not limited to any incidental or consequential damages.

Additional PPLT Policies

For information on warranty claim procedures, contact the nearest PPLT location (see back cover) or write to: Play Power LT Farmington, Inc., P.O. Box 897, Farmington, Missouri 63640.

Pricing

Prices are subject to change without notice. All orders are subject to approval by Play Power LT Farmington, Inc.'s, general office. Prices are F.O.B. Farmington, Missouri, (excluding Canada - F.O.B. Kitchener, Ontario) and do not include freight.

Specifications

Product specifications in this catalog were correct at the time of publication. However, Play Power LT Farmington, Inc., has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.

Loss or Damage on Transit

A signed bill of lading is our receipt from a carrier that our shipment to you was complete and in good condition. Before you sign, please check this bill of lading carefully when the shipment reaches you to make sure there are no damages or shortages. Once the shipment leaves our plant, we are no longer responsible for any damage, loss or shortage.

Cancellations and Returns

Cancellations will be accepted upon written notification at our offices. Returns will be accepted only when freight charges are prepaid and we have expressly authorized the return. Parts not included are custom parts, as well as used or damaged parts. There will be a restocking fee for all returned orders and on cancelled orders.

Replacement Parts

For park and playground replacement parts, contact the nearest PPLT location (See current catalogue and see back cover).