



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

RFO NUMBER
DNR209112

PAGE
1

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

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

DIVISION OF NATURAL RESOURCES
 PIPESTEM STATE PARK
 ATTN: PARK SUPERINTENDENT
 STATE ROUTE 20
 PIPESTEM, WV 25979 304-466-2804

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/05/2009				

BID OPENING DATE: 06/10/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		\$ 13,250 ⁰⁰
PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED) THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FROM RESPONSIBLE VENDORS FOR PLAYGROUND EQUIPMENT FOR PIPESTEM STATE PARK PER THE ATTACHED SPECIFICATIONS. A MANDATORY PRE-BID MEETING WILL BE HELD MAY 19, 2009 AT 10:00 AM AT THE PARK HEADQUARTERS. FAILURE TO ATTEND THE MANDATORY PRE-BID MEETING WILL RESULT IN BID DISQUALIFICATION. AN INDIVIDUAL MAY NOT REPRESENT MORE THAN ONE VENDOR AT THE PRE-BID MEETING. ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV DEADLINE FOR TECHNICAL QUESTIONS IS 05/21/09 AT 3:00 PM ALL TECHNICAL QUESTIONS WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE. BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER. 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						

RECEIVED

2009 JUN 10 AM 9:37

WV PURCHASING DIVISION

SIGNATURE	SEE REVERSE SIDE FOR TERMS AND CONDITIONS	TELEPHONE	DATE
<i>W. James Deuchert</i>		434-2492158	June 9-09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
AGENT	20-48694-78		

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



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VENDOR

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DIVISION OF NATURAL RESOURCES
 PIPESTEM STATE PARK
 ATTN: PARK SUPERINTENDENT
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<p>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 SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="padding-left: 40px;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>RFQ. NO.: DNR209112</p> <p>BID OPENING DATE: 06/10/2009</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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

DIVISION OF NATURAL RESOURCES
PIPESTEM STATE PARK
ATTN: PARK SUPERINTENDENT
STATE ROUTE 20
PIPESTEM, WV
25979 304-466-2804

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/05/2009				

BID OPENING DATE: **06/10/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>TO CONTACT YOU REGARDING YOUR BID:</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>-----</p> <p>***** THIS IS THE END OF RFQ DNR209112 ***** TOTAL:</p>						
<p><i>43A 2963289 FAX</i></p> <p><i>JIM BENEDET</i></p> <p><i>CELL 43A 2492158</i></p>						
<p><i>* ACKNOWLEDGE RECEIPT OF AMENDMENT # 1</i></p>						<p><i>\$43,250⁰⁰</i></p>

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

Pipestem Resort State Park Playground Specifications

To supply playground equipment to offer play activities for children ages two (2) to twelve (12) at Pipestem Resort State Park, Pipestem, West Virginia. Playground equipment will be purchased for four 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 sixty (60) days of purchase order award. All items must be delivered to Pipestem Resort State Park's maintenance area between the hours of 7:30 a.m. to 3:00 p.m., Monday through Friday.

MCKEEVER LODGE AREA PLAYGROUND

PrimeTime kid corral play structure, Model #G11823, or equal. Uprights must be a minimum of 11 gauge galvanized steel; must have a minimum of 3 mil oven cured powder coating; and must have a minimum diameter of 3½" Structure must include the following components:

- One (1) PrimeTime 2-5 crunch bar, Item #13540, or equal. Bar must be installed at upper level of play structure.
- One (1) PrimeTime nature panel, Item #12793, or equal. Panel must be installed at upper level of play structure.
- One (1) PrimeTime transfer point, Item #18255, or equal.
- One (1) PrimeTime access attachment, Item #18274, or equal.
- One (1) PrimeTime wallcano vertical wall climber, Item #18274, or equal. Climber must be a minimum of 4' in height.
- One (1) PrimeTime slate roof, Item #18674, or equal.
- One (1) PrimeTime mini arch bridge, Item #18330, or equal.
- One (1) PrimeTime clover leaf climber, item #12883, or equal. Climber must be a minimum of 4' in height.
- One (1) PrimeTime double zip slide, Item #18377, or equal. Slide must be a minimum of 4' in height.
- One (1) PrimeTime ADA gizmo panel, Item #12968, or equal. Panel must include a PrimeTime click wheel, Item #4839, or equal; PrimeTime answer wheel, Item #4840, or equal; and a PrimeTime maze wheel, Item #4841, or equal.

Pipestem Resort State Park Playground Specifications

- One (1) PrimeTime double steering wheel enclosure, Item #12814, or equal. Steering wheel must be installed at upper level.
- Two (2) PrimeTime square decks. Deck dimensions be a minimum of 45 ½" x 45 ½" and must be a minimum of 4' in height.

COTTAGE "C" AREA PLAYGROUND

PrimeTime timberline play structure, Model #G11812, or equal. Uprights must be a minimum of 11 gauge galvanized steel; must have a minimum of 3 mil oven cured powder coating; and must have a minimum diameter of 3½". Structure must include the following components:

- One (1) PrimeTime shingle roof, Item #18673, or equal.
- One (1) Primetime crawl tube, Item #12328, or equal. Tube must include spy holes and be a minimum of 4' in length.
- One (1) PrimeTime chain net, Item #12285, or equal.
- One (1) PrimeTime tree climber, Item #12008, or equal. Climber must be a minimum of 3' in height.
- Two (2) PrimeTime crunch bar, Item #12215, or equal.
- One (1) PrimeTime transfer point, Item #18254, or equal.
- One PrimeTime access attachment, Item #18273, or equal.
- One (1) PrimeTime single seat, Item "12728, or equal.
- One (1) PrimeTime bubble climber, Item #12916, or equal. Climber must be a minimum of 3' in height.
- Two (2) PrimeTime talk tube, Item#81679, or equal.
- One (1) PrimeTime rung ladder, Item #12620, or equal. Ladder must be a minimum of 3' in height.
- One (1) PrimeTime suspension bridge, Item #18335, or equal. Bridge must be a minimum length of 7' 10".

Pipestem Resort State Park Playground Specifications

- One (1) PrimeTime rumble and roll zip slide, Item #18389, or equal. Slide must be accommodate a minimum of two (2) children at the same time and must be a minimum of 3' in height.
- One (1) PrimeTime 1' barrier, Item #12441, or equal.
- One (1) PrimeTime handhold transfer, Item #12055. Or equal.
- One (1) PrimeTime decorative panel with steering wheel, Item #18376, or equal.
- One (1) PrimeTime F5 spiral slide with hood, Item #18341, or equal. Slide must be a minimum of 6' in height.
- One (1) PrimeTime shingle roof, Item #18673, or equal.
- One (1) PrimeTime wallcano vertical wall climber, Item #18364, or equal. Climber must be a minimum of 4' in height.
- One (1) PrimeTime climbing pole, Item #12630, or equal. Pole must be a minimum of 4' in height.
- Two (2) PrimeTime square decks, Item #18250, or equal. Deck dimensions must be a minimum of 45 ½ x 45 ½ and must be a minimum of 3' in height.
- One (1) PrimeTime square deck, Item #18250, or equal. Deck dimensions must be a minimum of 45 ½ x 45 ½ and must be a minimum of 4' in height.
- Two (2) PrimeTime triangle deck, Item #18203, or equal. Deck dimensions must be a minimum of 45 ½ x 45 ½ x 45 1/2 and must be a minimum of 3' in height.

CAMPGROUND AREA PLAYGROUND

PowerScape carousel play structure, Model #85113, or equal. Uprights must be a minimum of 11 gauge galvanized steel; must have a minimum of 3 mill oven cured powder coating; and must have a minimum diameter of 5 ". Structure must include the following components:

- One (1) PowerScape zip slide, Item #81337, or equal. Slide must be a minimum of 4' in height.

Pipestem Resort State Park Playground Specifications

- One (1) PowerScape wave climber, Item #80340, or equal. Climber must be a minimum of 3' 6" in height.
- Two (2) PowerScape talk tub, Item #81675, or equal.
- One (1) PowerScape chinning bar (one level), Item #81656, or equal.
- One (1) PowerScape overhead tree climber, Item 81529, or equal. Climber must be a minimum of 3' in height.
- One (1) PowerScape crunch bar, Item #81670, or equal.
- One (1) PowerScape overhead ladder access package, Item #80653, or equal.
- One (1) PowerScape transfer point, Item #80653, or equal.
- One (1) PowerScape access attachment, Item #80656, or equal.
- One (1) PowerScape clover climber, Item #80303, or equal. Climber must be a minimum of 3'6" in height.
- One (1) PowerScape stepped platform, Item #81202, or equal.
- One (1) PowerScape wave zip slide, Item #81339, or equal. Slide must be a minimum height of 6'.
- One (1) PowerScape zipper climber. Climber must be a minimum of 6' in height.
- Two (2) PowerScape triangle decks or equal. Deck dimensions must be a minimum of 49" x 49" x49" and must be a minimum height of 4'.
- Two (2) PowerScape triangle decks or equal. Deck dimensions must be a minimum of 49" x 49" x49" and must be a minimum of 3'6" in height.
- Two (2) PowerScape triangle decks or equal. Deck dimensions must be a minimum of 49" x 49" x49" must be a minimum of 3' in height.

MOUNTAIN CREEK LODGE PLAYGROUND

PrimeTime mix it up play structure, Model #G11813, or equal. Uprights must be a minimum of 11 gauge galvanized steel; must have a minimum of 3 mil oven cured powder coating; and must have a minimum diameter of 3 1/2". Structure must include the following components:

Pipestem Resort State Park Playground Specifications

- One (1) PrimeTime driver's enclosure panel, Item #18391, or equal.
- One (1) PrimeTime toad stool climber, Item #12239, or equal.
- One (1) PrimeTime triangle transfer platform, Item #18337, or equal.
- One (1) PrimeTime square stepped deck. Deck dimensions must be a minimum of 36" x 36".
- One (1) PrimeTime gizmo single panel, Item #12964, or equal. Panel must include a click wheel gizmo, Item #4839, or equal.
- One (1) PrimeTime nature panel, Item #12429, or equal.
- One (1) PrimeTime rumble and roll zip slide, Item #18389, or equal. Slide must be a minimum height of 3'.
- One (1) PrimeTime stepped platform, Item #18259, or equal.
- One (1) PrimeTime giant wave climber, Item #18383, or equal. Climber must be a minimum height of 5'.
- One (1) PrimeTime slate roof, Item #18672, or equal.
- One (1) PrimeTime F5 spiral slide with hood, Item #18316, or equal. Slide must be a minimum of 6' in height.
- One (1) PrimeTime rock wall climber, Item #12922, or equal. Climber must be a minimum height of 5'.
- One (1) PrimeTime rectangle deck. Deck dimensions must be a minimum of 45 1/2" x 36" and be a minimum of 3' in height.
- One (1) PrimeTime square deck or equal. Deck dimension must be a minimum of 36" x 36" and must be a minimum of 3' in height.

ITEMS FOR ALL FOUR PLAYGROUNDS

Geotextile 2,250 sq. ft. 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.

Pipestem Resort State Park Playground Specifications

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.

Pipestem Resort State Park Playground Specifications

YES All playground equipment and engineered wood fiber must meet the following requirements:

*SEE
LETTER
ATTACHED*

- YES* • 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:

ENCLOSED WITH IN PACKET WITH BID

*✓
✓
✓*

- 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:

YES

- All equipment and engineered wood fiber 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.

All equipment requiring assembly must have pre-drilled holes and inserts. Equipment must include matching bolts for predrilled holes with inserts and any other hardware required for assembly.

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

A mandatory pre-bid conference will be held on May 19, 2009, at Pipestem State Park Headquarters at 10:00 a.m. A failure to attend the mandatory pre-bid conference will result in bid disqualification. An individual may not represent more than one firm at the pre-bid conference.

Pipestem Resort 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 in or 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 W LTC - VPS - PLAYPOWER LLC
 LITTLE TIKES FACTORY

Item No.	Equipment	Manufacturer	Model
1	McKeever Lodge Area Playground PrimeTime kid corral play structure, Model #G11823, or equal. Structure must include the following components:	LITTLE TIKES FACTORY COMMERCIAL	CUSTOM # 41713 MODEL SEE 3-D 2-D PLAN VIEW
	One (1) PrimeTime 2.5 crunch bar, Item #13540, or equal.	LTC	LTC LEG LIFT/HANDLE *NOT IN CATALOGUE
	One (1) PrimeTime nature panel, Item #12793, or equal.	LTC	ANIMAL PANEL HABITAT FOOD MATCH CATALOGUE PAGE 127
	One (1) PrimeTime transfer point, Item #18255, or equal.	LTC	ADA TRANSFER STATION page 109
	One (1) PrimeTime access attachment, Item #18274, or equal.	LTC	8" STEP ACCESS SAME page 109
	One (1) PrimeTime wallcano vertical wall climber, Item #18274, or equal.	LTC - SUBSTITUTE =	SEE ARCH CHAIN page 106
	One (1) PrimeTime slate roof, Item #18674, or equal.	LTC	SQUARE ROOF BOTTOM - PAGE 138
	One (1) PrimeTime mini arch bridge, Item #18330, or equal.	LTC	MINI - ARCH BOTTOM page 125
	One (1) PrimeTime clover leaf climber, item #12883, or equal.	LTC SUBSTITUTE =	CURLY CLIMBER BOTTOM page 105
	One (1) PrimeTime double zip slide, Item #18377, or equal.	LTC	DOUBLE WIDE ZIP SLIDE page 113

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) PrimeTime ADA gizmo panel, Item #12968, or equal. Panel must include the following items: PrimeTime click wheel, Item #4839, or equal; PrimeTime answer wheel, Item #4840, or equal; and PrimeTime maze wheel, Item #4841, or equal.	LTC SUBSTITUTE	MELODY MAKER 5 SENSES INTERACTIVE SOCIAL PLAY PANEL SEE PAGE 133
	One (1) PrimeTime double steering wheel enclosure, Item #12814, or equal.	LTC	STEERING PANEL TOP OF PAGE 126
	Two (2) PrimeTime square decks.	LTC - SEE PAGE BOTTOM 120	STANDARD DECK SEE ALL IN CATALOGUE
2	Cottage "C" Area Playground PrimeTime timberline play structure, Model #G11812, or equal. Structure must include the following components:	LTC	CUSTOM # 620 463 SEE 3-D 2-D PLAN VIEW
	One (1) PrimeTime shingle roof, Item #18673, or equal.	LTC	SQUARE ROOF BOTTOM PAGE 138
	One (1) Primetime crawl tube, Item #12328, or equal.	LTC	STANDARD TUNNEL BOTTOM PAGE 123
	One (1) PrimeTime chain net, Item #12285, or equal.	LTC	CHAIN NET TOP OF PAGE 108
	One (1) PrimeTime tree climber, Item #12008, or equal.	LTC	SNAKE POLE PAGE 107
	Two (2) PrimeTime crunch bar, Item #12215, or equal.	LTC	LTC LEG WITH HANDLES * NOT IN CATALOGUE
	One (1) PrimeTime transfer point, Item #18254, or equal.	LTC	ADA TRANSFER STATION BOTTOM PAGE 109
	One (1) PrimeTime access attachment, Item #18273, or equal.	LTC	5' x 12' ITEM STEP 8' STEP PAGE 109

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) PrimeTime single seat, Item #12728, or equal.	LTC	SEAT PANEL PAGE 126
	One (1) PrimeTime bubble climber, Item #12916, or equal.	LTC SUBSTITUTE	LTC LOOP VERT. CLIMBER PAGE 106
	Two (2) PrimeTime talk tube, Item #81679, or equal.	LTC	TALK TUBE PAGE 140
	One (1) PrimeTime rung ladder, Item #12620, or equal.	LTC	RUNG LADDER PAGE 109
	One (1) PrimeTime suspension bridge, Item #18335, or equal.	LTC	CLATTER BRIDGE PAGE 124
	One (1) PrimeTime rumble and roll zip slide, Item #18389, or equal.	LTC	DOUBLE WIDE SIDE BY SIDE SLIDE PAGE 113
	One (1) PrimeTime 1' barrier, Item #12441, or equal.	LTC	INTER DECK STEP-UP BARRIER PAGE 141
	One (1) PrimeTime handhold transfer, Item #12055, or equal.	LTC	INTER DECK LOOP HOLD PAGE 141
	One (1) PrimeTime decorative panel with steering wheel, Item #18376, or equal.	LTC	SAFETY PANEL RAIL WITH WHEEL PAGE 127
	One (1) PrimeTime F5 spiral slide with hood, Item #18341, or equal.	LTC	SPIRAL SLIDE W/ HOOD PAGE 112
	One (1) PrimeTime shingle roof, Item #18673, or equal.	LTC	SQUARE ROOF
	One (1) PrimeTime wallcano vertical wall climber, Item #18364, or equal.	LTC SUBSTITUTE FOR VERTICAL STEP-UP ACTIVITY	POWELL STEP SIDE BY SIDE CLIMBER TOP OF → PAGE 106
	One (1) PrimeTime climbing pole, Item #12630, or equal.	FOR BETTER PLAY ACTIVITY	CLIMBER PAGE

Pipestem Resort State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	Two (2) Primetime square decks, Item #18250, or equal.	LTC	STANDARD DECKS SEE 2-D PLAN
	One (1) PrimeTime square deck, Item #18250, or equal.	LTC	STANDARD DECK SEE 2-D PLAN
	Two (2) PrimeTime triangle deck, Item #18203, or equal.	LTC	STANDARD DECK SEE 2-D PLAN
3	Campground Area Playground PowerScape carousel play structure, Model #85113, or equal. Structure must include the following components:	LTC 5" POST KIDBUILDERS SYSTEM.	CUSTOM 5" POST # 579 919 SEE 3-D 2-D PLAN VIEW
	One (1) PowerScape zip slide, Item #81337, or equal.	LTC	LONG WAVE SLIDE TOP OF PG 113
	One (1) PowerScape wave climber, Item #80340, or equal.	LTC	BUMPY CLIMBER PG 110
	Two (2) PowerScape talk tube Item #81675, or equal.	LTC	TALK TUBE TOP OF PG 140
	One (1) PowerScape chinning bar (one level), Item #81656, or equal.	LTC	CHAIN BAR PG 151
	One (1) PowerScape overhead tree climber, Item 81529, or equal.	LTC	LOOP CHALLENGE OVERHEAD PG 119
	One (1) PowerScape crunch bar, Item #81670, or equal.	LTC	BEGLIFT HANDLE NOT IN CATALOGUE
	One (1) PowerScape overhead ladder access package, Item #80653, or equal.	LTC	SEE TAN COLOR STEP ON LOOP TOP OF PG 119
	One (1) PowerScape transfer point, Item #80653, or equal.	LTC	ADA TRANSFER STATION PG 109
	One (1) PowerScape access attachment, Item #80656, or equal.	LTC	2" ACCESS STEP SAME UNIT PG 109

Pipestem Resort State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) PowerScape clover climber, Item #80303, or equal.	LTC	INFINITY WINGS CLIMBER page 104
	One (1) PowerScape stepped platform, Item #81202, or equal.	LTC	DECK TO DECK STEPS - SEE DRAWING ATTACHED
	One (1) PowerScape wave zip slide, Item #81339, or equal.	LTC	WAVE ZIP SLIDE TOP OF PAGE 113
	One (1) PowerScape zipper climber.	LTC	SNAKE POLE page 107
	Two (2) PowerScape triangle decks or equal.	LTC	STANDARD DECK
	Two (2) PowerScape triangle decks or equal.	LTC	STANDARD DECK
	Two (2) PowerScape triangle decks or equal.	LTC	STANDARD DECK
4	Mountain Creek Lodge Playground PrimeTime mix it up play structure, Model #G11813, or equal. Structure must include the following components:	LTC	CUSTOM #605752 SEE 3-D 2-D PLAN VIEW
	One (1) PrimeTime driver's enclosure panel, Item #18391, or equal.	LTC	SAFETY PANEL WITH WHEEL page 127
	One (1) PrimeTime toad stool climber, Item #12239, or equal.	LTC	SINGLE STONE-POD TOP OF PAGE 107
	One (1) PrimeTime triangle transfer platform, Item #18337, or equal.	LTC	ADA TRIANGLE STATION page 109
	One (1) PrimeTime square stepped deck.	LTC	page 109
	One (1) PrimeTime gizmo single panel, Item #12964, or equal. Panel must include a click wheel gizmo, Item #4839, or equal.	LTC SUBSTITUTE TWO ITEMS	TALK TUBE AND STEER WHEEL ON SINGLE POST SEE PLAN VIEW DRAWING FOR MOUNTAIN LODGE

Pipestem Resort State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) PrimeTime nature panel, Item #12429, or equal.	LTC	ANIMAL MATCH FOOD AND HABITAT TOP OF PAGE 132
	One (1) PrimeTime rumble and roll zip slide, Item #18389, or equal.	LTC	DOUBLE WIDE SLIDE SMALL CURVE PAGE 113
	One (1) PrimeTime stepped platform, Item #18259, or equal.	LTC	TWO STANDARD STEP DECK PAGE 109
	One (1) PrimeTime giant wave climber, Item #18383, or equal.	LTC SUBSTITUTE	SPIRAL CLIMBER TOP OF PAGE 105
	One (1) PrimeTime slate roof, Item #18672, or equal.	LTC	SQUARE ROOF PAGE 138
	One (1) PrimeTime F5 spiral slide with hood, Item #18316, or equal.		SPIRAL SLIDE W/ HOOD SEE PAGE (152) (112)
	One (1) PrimeTime rock wall climber, Item #12922, or equal.	LTC	CLIFF CLIMBER TOP OF PAGE 106
	One (1) PrimeTime rectangle deck.	LTC	STANDARD DECK
	One (1) PrimeTime square deck or equal.	LTC	STANDARD DECK
5	Items For All Four Playgrounds geotextile 2,250 sq. ft. roll or equal.	PROPEX	GEOTEX
6	Items For All Four Playgrounds engineered wood fiber or equal @ 8" compacted depth.	LEAGER	ENF WOODCARPET

PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	1	McKeever Lodge Area Playground PrimeTime kid corral play structure, Model #G11823, or equal.		6,961 ⁰⁰
2	1	Cottage "C" Area Playground PrimeTime timberline play structure, Model #G11812, or equal.		12,237 ⁰⁰
3	1	Campground Area Playground PowerScape carousel play structure, Model #85113, or equal.		10,598 ⁰⁰
4	1	Mountain Creek Lodge Playground PrimeTime mix it up play structure, Model #G11813, or equal.		8,834 ⁰⁰
5	2 Rolls	Items For All Four Playgrounds geotextile 2,250 sq. ft. roll or equal. <i>EQUAL 4500 SF</i>	<i>.15/SF</i> <i>4,500 SF</i>	700 ⁰⁰
6	4,183 Sq. Ft.	Items For All Four Playgrounds engineered wood fiber or equal @ 8" compacted depth.	<i>28⁰⁰/CY</i> <i>140 CUB YDS</i>	3920 ⁰⁰
TOTALS				<i>#</i> 43,250 ⁰⁰

Forty three thousand two hundred fifty dollars and 00/100 cents

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 SERVICE

Authorized Signature:

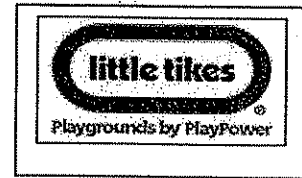
James Benedict

Date:

JUNE 9, 2009



Va. Playground Services
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)



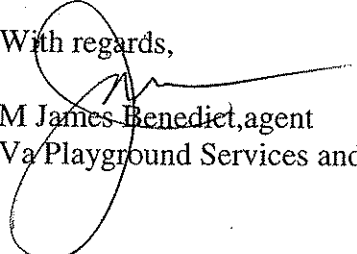
Frank Whittaker
Purchasing Division
State of West Virginia.
Department of Administration
2019 Washington St.
Charleston, WV 25305

RE. DNR Playground RFP

To whom it may concern,

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 Va. Playground Services. 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 3.5 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.

With regards,

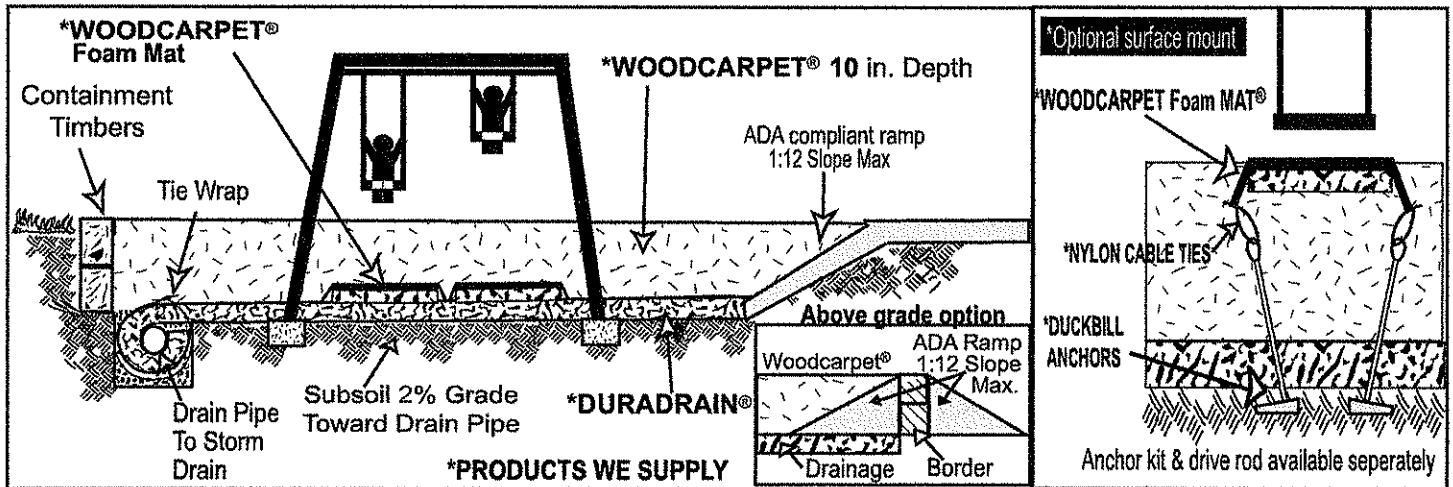

M James Benedict, agent
Va Playground Services and LTC

* NOTE CAMPGROUND AREA
5" OD POST SYSTEM
OTHER 3 SITES 3 1/2" POSTS

SPECIFICATION- System 11

SECTION 02790 PLAYGROUND SURFACING

- A. Product Data:** Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM F1292, F1951, F2075 test results, IPEMA certificates of compliance, 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. Engineered Wood Fiber Playground Surfacing: 20 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 using resilient foam drain. Note: Duradrain is available through Zeager's exclusive dealer network. Call for a dealer near you.
- F. Critical Height:** Soil, resilient foam drain and 10 inches provides 12 feet of fall protection. Hard surface, resilient foam drain and 12 inches provides 12 feet of fall protection (See spec for system 13- outdoor playground area installed over hard surface for more info).
- G. Installation Procedure:**
 1. Review project plans and verify that playground equipment use zones, clearances, and reach ranges will comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
 2. Prepare the site in accordance with the project engineer's directions and project specifications. Ensure that site drainage is routed away from or around the playground area to prevent sand, soil, silt, or other foreign material from contaminating the WOODCARPET®. Grade subsoil to a min. 2% grade toward the drain pipe. Max 7-8% with stable subsurface.
 3. Install playground equipment.
 4. Excavate a minimum 8 in.w. x 8 in.d. (20cm x 20cm) trench along the low end of the area to a storm drain. Install drain pipe.
 5. Install timbers or an alternate containment system. Provide for an access ramp up to play surface if above ground (max 7-8%) or down to if play surface is below grade that complies with ASTM F1487 Section 10.
 6. If subsoil is loose or sandy, a base layer of DURALINER® is recommended as a subsoil stabilizer under the DURADRAIN®.
 7. Install DURADRAIN® panels on top of subsoil. Panels can be cut using a utility knife or a circular saw.
 8. If additional vandal resistance is desired, at seams use exterior grade construction adhesive to glue all geotextile overlaps to the adjacent panel.
 9. At the low end of the area, wrap DURADRAIN® around drain pipe using a plastic cable tie to hold it.
 - *10. Install a WOODCARPET® Foam or PVC Mat in each kick-out area. If gluing a Foam Mat to the top of DURADRAIN®, first remove the fabric from the top of the DURADRAIN® and then use adhesive to bond the Foam Mat to the top of DURADRAIN®. If installing a WOODCARPET® Foam Mat or PVC Mat on top of WOODCARPET®, dig a channel around the mat edge down to the base of the WOODCARPET® and slope mat edges down into the channel. If anchoring the mat, install anchors and plastic cable ties to attach the mat to the anchors. Refill the channel with WOODCARPET®.
 11. Spread WOODCARPET® to a minimum depth of 7 in. (18cm) after compaction for play equipment under 4 ft. (1.2m) high and to a minimum depth of 9 in. (23cm) after compaction for play equipment over 4 ft. (1.2m) high and to a minimum depth of 12 in. (30cm) for play areas on top of a hard surface (asphalt, concrete, etc.). Natural compaction (approx. 1/3) will occur in 2 - 6 weeks. WOODCARPET® must be compacted to be accessible. Mechanically compacting WOODCARPET® requires approximately 15% more WOODCARPET® than natural compaction. Exercise caution to prevent damaging the DURADRAIN® and WOODCARPET® Foam Mat. Do not operate equipment directly on the DURADRAIN®. Doing so may tear the fabric which is bonded to the DURADRAIN®.
 12. Inspect the playground and verify that playground equipment use zones, clearances, and reach ranges comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
 13. Rake WOODCARPET® level a second time 2 weeks after installation is finished or as needed thereafter.

*Installation of wear mats under all swings and other high-use areas is required in the state of California.

H. Notes:

1. Inadequate drainage voids the WOODCARPET® conditional limited warranty and hastens decomposition.
2. For immediate accessibility, install WOODCARPET® in 6 in. maximum layers. Rake level, wet, and mechanically compact each layer twice with a flat surface compactor. Change direction 90 degrees on second compaction. For maximum accessibility ask about Zeager Bonded WoodCarpet®.
3. Periodic maintenance should include removing debris, raking and topping off by performing steps 11 and 12. 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: 8 inches meets criteria up to 8 foot fall height and 12 inches meets criteria up to 12 foot fall height.
 - 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 Procedure. 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.
 - j. IPEMA Certification to F1292: 8 inch thickness rated to 8ft. and 12 inches rated to 12 ft. 9" over 1" Duradrain rated to 12ft.
 - k. IPEMA Certification to F2075: Tramp metal, sieve analysis & heavy metals.
2. 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: 1" Alone meets criteria up to 2½ feet.
 - l. IPEMA Certified: Under 9 inches of Woodcarpet, rated to 12ft.

I. Products-cont.

3. Playground Surfacing Wear Mat: WOODCARPET® PVC MAT
 - a. Composition: Polyvinylchloride (PVC). Meets CPSIA Federal Act for Lead and Phthalate acceptable levels.
 - b. Recycled Content: 60 % Preconsumer recovered pvc.
 - c. Drain Holes: 3/8 inch diameter holes, one per 10 square inches.
 - d. Size: 42 in. x 42 in. [slide exit], 42 in. x 78 in. [swing], 78 in. x 78 in. [tire swing, vertical spinner], 78 in. x 90 in. [swing bay], 156 in. OD x 73.5 in. ID [merry go round, supernova], 67.5 in. OD [supernova].
 - e. Weight: 3.0 pounds per square foot.
 - f. Thickness: ¾ inches.
 - g. Impact, ASTM F1292: Over 11.25 inches of Woodcarpet, meets criteria up to 12 feet.
 - h. IPEMA Certification: Over 11.25 inches of Woodcarpet, rated to 12 feet.
4. Playground Surfacing Wear Mat: WOODCARPET® FOAM 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: 1.13" thick= 1.1 pounds per square foot.
 - h. Thickness: 1.13
 - i. Impact, ASTM F1292: 1 in. thick mat meets criteria up to 3 feet.
 - j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft. fall protection.

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.



- 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® NONWOVEN

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.

- 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

5" O.D. POST

KID BUILDERS™ SPECIFICATIONS

COMPLETE ORIGINAL SET
COMPLETE SET

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 and shall be Cast Aluminum. Aluminum Caps shall have a baked-on electrostatically applied polyester dry powder coating. All caps will be installed at the factory and will be secured with aluminum hammer drive pins.

Paint shall be an electrostatically applied polyester dry powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The polyester powder shall comply with ASTM standards: D-522 (Flexibility Mandrel Test), D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), D-2247 (Humidity Resistance Test), D822 (Weatherability Test), D3363 (Pencil Hardness Test), D2454 (Overbake Resistance Test) and D3359B (Adhesion Crosshatching Test). Epoxy or Hybrid paints are not acceptable due to poor weatherability characteristics.

Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Distortion Temperature) and ARM-STD (Low Temperature Impact).

Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.118") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.

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 draw quality 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 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 draw quality 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 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 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 draw quality 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 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.

Colored Kick Plates and Deck to Deck Activity Plates shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall have a baked-on electrostatically applied polyester dry powder coating. 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.

Galvanized Steel Posts shall be 127 mm (5") O.D., 11 gauge pre-galvanized round tubing. Minimum tensile strength shall be 380MPa (55,000psi). Minimum yield point shall be 345MPa (50,000psi). 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 have a baked-on electrostatically applied polyester dry powder coating.

Aluminum Posts shall be 127 mm (5") O.D., 3 mm (.118") extruded round tubing. The type of aluminum shall be 6061-T6 or 6062-T6. Minimum tensile strength shall be 275MPa (39,000psi). Minimum yield point shall be 255MPa (36,500psi). The components shall be cleaned in a six bath system prior to painting. 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 have a baked-on electrostatically applied polyester dry powder coating.

Square Vinyl Clad Metal Decks 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. 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 dipped in a textured poly-vinyl-chloride coating.

Triangular Vinyl Clad 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. Each triangular deck shall cover a minimum of 0.63 square meters (985 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. 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 at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Kid Builders™ to MaxPlay Triangular Vinyl Clad 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. Each triangular deck shall cover a minimum of 0.55 square meters (852 square inches) of top surface area, and be a one-piece construction. It shall be designed to maintain a full 1.2 m (48") on center post spacing on two deck edges and 1.05 m (41.3") on the third edge. Decks shall have a pattern of holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Half-Hex Vinyl Clad Metal Decks shall be one piece and cover a minimum of 1.89 square meters (2,955 square inches) of top surface area. 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. 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 at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Full-Hex Vinyl Clad Metal Decks shall cover a minimum of 3.78 square meters (5,900 square inches) of top surface area and be designed to maintain a full 1.2 m (48") on center post spacing. Construction shall consist of two half-hex shaped decks assembled together during installation. 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. 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 at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Balcony Vinyl Clad Metal Decks shall cover a minimum of .365 square meters (567 square inches) of top surface area and be designed to maintain a full 1.2 m (48") on center post spacing. Construction shall consist of one semi circle shaped deck. 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. Deck shall have a pattern of equally spaced holes on one edge to provide flush mounting to the deck. This assembly shall be dipped in a textured poly-vinyl-chloride coating. Balcony Rails provide full enclosure and shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating.

Accessible Balcony Vinyl Clad Metal Decks with Steering Wheel shall cover a minimum of .365 square meters (567 square inches) of top surface area and be designed to maintain a full 1.2 m (48") on center post spacing. Construction shall consist of one semi circle shaped deck. 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. Deck shall have a pattern of equally spaced holes on one edge to provide flush mounting to the deck. This assembly shall be dipped in a textured poly-vinyl-chloride coating. Balcony Rails provide full enclosure and shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Two horizontal rails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, with a steel plate welded between to attach the Aluminum Steering Wheel. Rails shall have a baked-on electrostatically applied polyester dry powder coating. The Aluminum Steering Wheel shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all these components shall have a baked-on electrostatically applied polyester dry powder coating.

Vinyl Clad Step Deck planks shall cover a minimum of 0.4 square meters (624 square inches) of top surface area per step and be designed to maintain a full 1.2 m (48") on center spacing. Metal step decks shall be fabricated from punched sheet steel and shall have 64 mm (2.5") formed sides. This assembly shall be dipped in textured poly-vinyl-chloride. Step deck shall mount using two 33 mm (1.315") handrails which shall have a baked-on electrostatically applied polyester dry powder coating.

Vinyl Clad Rest Deck shall cover a minimum of 2.5 meters (3,872 square inches) of top surface area, be a two-piece construction of a 1/2 deck and a trapezoid deck 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. 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 dipped in a textured poly-vinyl-chloride coating.

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. 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 dipped in a textured poly-vinyl-chloride coating.

Vinyl Clad Trapezoid Deck shall cover a minimum of 1.8 meters (2,720 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. 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 dipped in a textured poly-vinyl-chloride coating.

1.2m (48") and 915 mm (36") Transfer Station shall consist of two triangular decks, a three step assembly for the 1.2 m (48") and two step assembly for the 915 mm (36") and handrails. Each triangular deck shall be fabricated from 11 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 1.2 m (48") deck height or 915 mm (36") 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 11 gauge sheet steel. Each step assembly and Transfer Deck shall be dipped in a textured poly-vinyl-chloride coating. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall have a baked-on electrostatically applied polyester dry powder coating.

Transfer Station Safety 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. The vertical rungs of safety rails shall be semi-flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

Inter-Deck Step shall be completely fabricated from 11 gauge steel. The step surface shall measure 203 mm (8") deep by a minimum of 406 mm (16") wide, with rises limited to 203mm (8"). The complete assembly shall be coated in a textured poly-vinyl-chloride coating after fabrication. Hand loops shall be made from 33 mm (1.315") diameter pre-galvanized tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Deck to Deck Steps shall consist of welded tread, riser and stringer sections fabricated from 13 gauge hot rolled steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating. Handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing with a baked-on electrostatically applied polyester dry powder coating.

2.4 m (8') Vinyl Clad Metal Ramps shall be a minimum of 915 mm (36") wide. Metal Ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides. Ramp assembly shall be dipped in textured poly-vinyl-chloride.

1.8 m (6') Ramp shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides. Ramp assembly shall be dipped in textured poly-vinyl-chloride.

Ramp Double Rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating.

Ramp Safety 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. The vertical rungs of safety rails shall be semi-flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

Ramp Guard Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

2.4 m (8') Vinyl Clad Accessible Bridges shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from 11 gauge punched sheet steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in textured poly-vinyl-chloride coating.

Accessible Bridge Safety 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 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety Rails shall have a baked-on electrostatically applied polyester dry powder coating.

1.2 m (4') and 2.4 m (8') Arch Bridge 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 dipped in a textured poly-vinyl-chloride coating.

Arch Bridge Safety Rails vertical rungs shall be fabricated from 25 mm (1") 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 have a baked-on electrostatically applied polyester dry powder coating.

Arch Bridge Guard Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

90 Degree and "S" Bridge with Safety Rails shall be a minimum of 915 mm (36") wide. Bridges shall be fabricated from laser cut 11 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in a textured poly-vinyl-chloride coating. Safety Rails vertical rungs shall be fabricated from 25 mm (1") 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 have a baked-on electrostatically applied polyester dry powder coating.

2.4 m (8') and 3.66 m (12') Vinyl Clad Clatter (Suspension) Bridge (U.S. Patent #5,118,099) planks shall be pre-assembled at factory for ease of installation. Clatter Bridge planks shall be fabricated from one piece of 11 gauge punched and formed hot rolled sheet steel. The clatter bridge plank shall be dipped in textured poly-vinyl-chloride and oven-cured. Assembly of planks shall be such that no open gaps occur between planks. Plank to plank joints shall be pinch proof to the user. No cables or chains shall be used in the assembly of the planks. Clatter bridges shall have a dual rail side enclosure fabricated from 33 mm (1.315") pre-galvanized steel tubing, curved to match the curve of the bridge, to provide user stability at a consistent height along the bridge and shall have a baked-on electrostatically applied polyester dry powder coating.

Cat Walk shall be manufactured from 3 mm (11 gauge) sheet steel with 3 mm (11 gauge) steel sides and end supports. Cat Walk shall be dipped in a textured poly-vinyl-chloride and oven cured to a durable finish. Cat Walk shall have a dual rail side enclosure. Top and bottom rails shall be fabricated from 42.2 mm (1.625") O.D. pre-galvanized steel tubing with vertical rails welded to the top and bottom rail. Vertical rails shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. End sections shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, with 3 mm (11 gauge) sheet steel end plates. After assembly side enclosures and end sections shall have a baked-on electrostatically applied polyester dry powder coating.

Cargo Bridge net shall be fabricated from rope consisting of six nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Cargo bridge shall be mounted using a 60 mm (2.375") x 11 gauge pre-galvanized steel frame.

Burmese Bridge shall be designed to work between posts on 3.7 m (12') centers. All chains shall be pre-galvanized, the vertical chains shall be dipped in a poly-vinyl-chloride coating. Handrails shall be fabricated from 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Stainless Steel Single Wide Slide bedway shall be 476 mm (18.75") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high 11 gauge "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D., galvanized steel tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating. A mini transition deck shall be fabricated from 13 gauge sheet steel and vinyl dipped.

Stainless Steel Double Wide Slide bedway shall be 755 mm (29.7") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high 11 gauge "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Single rail shall be fabricated from 33 mm (1.315") O.D. galvanized tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

360° Stainless Steel Spiral Slide shall consist of formed 16 gauge 304 stainless steel sections. Sections shall be welded to 152 mm (6") stainless steel tubing. An extruded aluminum edge trim shall be attached with pop rivets. The enclosure frame shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication the entire assembly shall have a baked-on electrostatically applied polyester dry powder coating. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 1.25 square meters (1,932 square inches) of top surface. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Stainless Steel Elbow Slide shall consist of formed 16 gauge 304 stainless steel sections. Sections shall be welded to 152 mm (6") pre-galvanized steel tubing. An extruded aluminum edge trim shall be attached with pop rivets. The enclosure frame shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication the entire assembly shall have a baked-on electrostatically applied polyester dry powder coating. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 1.25 square meters (1,932 square inches) of top surface. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Half Pipe Sectional Slides with Hoods shall be comprised of sections rotationally molded from linear low density polyethylene. The slide enclosure shall also be rotationally molded from linear low density polyethylene. The end support and mid supports shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized tubing, 2.3 mm (13 gauge) and 3.0 mm (11 gauge) pre-galvanized sheet steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating.

Triple Wide Slide shall be rotationally molded from linear low density polyethylene with ultraviolet (U.V.) light stabilizers, anti-static guard and color molded in. Triple wide slide sides shall be 203 mm (8") high from the slide surface. Slide surface shall have ridges for auditory and tactile sensation with finger maze and hand print gauge molded in underside. Triple wide slide shall be a one piece design with two dividers having no seams joints or gaps.

Wave Slide with Hood shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 965 mm (38") above the deck surface. The connection between the slide and the slide hood shall prohibit string entanglement. Plastic slide side rails shall be a minimum of 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Double Wide Slide with Hood shall be rotationally molded from linear low density polyethylene. 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. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

360° Spiral Slide (U.S. Patent #D335,517) with Hood shall be two piece with a seamless bedway, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 355 mm (14") high from the slide surface. Center post shall be 89 mm (3.5") pre-galvanized tubing. Slide bed and enclosure shall conform to United States CPSC guidelines for spiral slides. Spiral slide shall provide a full 360° of rotation. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 0.7 square meters (1,080 square inches) of top surface. This assembly shall be dipped in textured poly-vinyl-chloride coating. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts.

Duraglide™ Spiral Slide shall have an injection molded sectional bedway with a 519 mm (20.4") high side wall. Slide entry area shall be enclosed by 1016 mm (40") panels.

KB Infinity Stainless Steel Spiral Slide shall consist of formed 16 gauge 304 stainless steel sections. Sections shall be welded to 152 mm (6") diameter 11 gauge stainless steel tubing. An extruded aluminum edge trim shall be attached with pop rivets. The enclosure frame shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication the entire assembly shall have a

baked-on electrostatically applied polyester dry powder coating. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 1.25 square meters (1,932 square inches) of top surface. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Elbow Slides with Hood shall be rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide enclosure shall be fabricated from 33 mm (1.315") O.D. tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

Tunnel Slides shall be configured to approximately a 762 mm (30") internal diameter cross section. Tunnel panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel slides shall be assembled using an overlap joint on section connections and shall not have any internal hardware. Tunnels, elbows and panels shall be rotationally molded from linear low density polyethylene. Tunnel slide end supports shall be fabricated from 38 mm (1.5") square, pre-galvanized steel tubing and mid supports shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Both supports shall have a baked-on electrostatically applied polyester dry powder coating.

Bannister Rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tube. All components shall have a baked-on electrostatically applied polyester dry powder coating.

Sliding Poles shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel pipe. After fabrication all components shall have a baked-on electrostatically applied polyester dry powder coating. The top support brace shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel pipe.

Leg Lift Loop shall be fabricated from 33 mm (1.315") O.D., pregalvanized steel tube. Leg Lift Loop shall attach to the post using a steel clamp assembly. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge draw quality 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 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.

Cliff Climb shall be rotationally molded from linear low density polyethylene. 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 a mirror fabricated from Type 430, 16 gauge, No 2 bright annealed stainless steel.

Tikes Peak Climber/Blocks shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 48 mm (1.875") and 25 mm (1") diameter steel tubing welded with 11 gauge pre-galvanized steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

KB Infinity Climber Ground to Deck shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 42.2 mm (1.660") diameter steel tubing welded with 11 gauge pre-galvanized sheet steel. The enclosure shall be fabricated from 42.2 mm (1.66") O.D. and 33.4 mm (1.315") O.D. pre-galvanized steel tubing and from 11 gauge pre-galvanized sheet steel. The supports and enclosure shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

Tikes Peak Square Deck Add-on Wedges shall be rotationally molded from linear low density polyethylene. Assembly hardware is stainless steel.

Tikes Peak Gecko/Snake Panels shall be rotationally molded from linear low density polyethylene. The panel to deck attachment bracket shall be fabricated from 11 gauge pre-galvanized sheet steel. The brackets shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

Tikes Peak Climber with Safety Loops shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 48 mm (1.875") and 25 mm (1") diameter steel tubing welded with 11 gauge pre-galvanized steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel. Safety Loops shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing with vertical rungs fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating.

Tikes Peak Roof (with/without Snow or Lava Cap) shall be rotationally molded from linear low density polyethylene. Assembly hardware is stainless steel.

Vinyl Clad Bumpy Climber shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The Bumpy Climber assembly shall be fabricated from punched 11 gauge hot rolled sheet steel. The climbing surface of the assembly shall have approximately an 86 mm (3.3") radius on each step, and a 203 mm (8") rise between steps on a 45

degree angle. The Bumpy Climber assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Hand supports and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Hand supports and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

Fan Climbers shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails 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 enclosures on a deck. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Rocky Rambler shall be molded from linear low density polyethylene. The center support post shall be fabricated from 47 mm (1.875") O.D. pre-galvanized steel tubing. Handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Center support post and handrails shall have a baked-on electrostatically applied polyester dry powder coating. Deck enclosures shall be rotationally molded from linear low density polyethylene.

Rock Challenge Wall shall be constructed with linear low density polyethylene sheets. The hand grips shall be a molded resin/concrete mixture.

The (80") Rock Challenge Wall (2032mm) shall be constructed of high density polyethylene sheets. The hand grips shall be molded from a plastic resin. The steel supports are fabricated from pre-galvanized 33 mm (1.315") diameter steel tubing welded with 11 gauge pre-galvanized steel brackets. The supports shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

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. Rung ladder shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand loops or safety loops.

Ladder Panels 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 dipped in a textured poly-vinyl-chloride coating. Available with hand hold loops or safety loops.

Vinyl Clad Stairs and Step Ladders shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The stair/step assembly shall be fabricated from punched 13 gauge hot rolled sheet steel. The stair/step assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Handrails and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within handrails and deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Handrails and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

Deck-to-Deck Panel shall be fabricated from 11 gauge sheet steel and shall be dipped in a textured poly-vinyl-chloride coating. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel with vertical rungs fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating. Deck-to-Deck panels shall have pre-punched holes for mounting.

Curved Climbing Wall net shall be fabricated from rope consisting of six nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Curved Climbing Wall shall be mounted on 60 mm (2.375") galvanized steel tubing at top, bottom and sides and shall have a baked-on electrostatically applied polyester dry powder coating.

Pommel Climber shall be fabricated from 33 mm (1.315") x 14 gauge pre-galvanized steel tubing. Brackets shall be fabricated from 4.554 (.179") mild steel. Pommels shall be fabricated from E.P.D.M. 50 duro black rubber with a steel insert molded inside, rendering them slashproof. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

Arched Chain Climber shall be designed to incorporate a one-piece, all welded frame. The siderails shall be arched and have a center to center spacing of 722 mm (28.437"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Chain shall be 4/0 steel with a textured poly-vinyl-chloride coating, oven cured to a durable finish. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts except for the chain shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops. **Chain Net Climber** chain shall be 4/0 steel with a textured poly-vinyl-chloride coating. Available with hand loops or safety loops.

Inverted Arch Climbers shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing, be arched and have a center to center spacing of 722 mm (28.437"). The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. Available with hand hold loops or safety loops. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Arch Climbers shall be designed to incorporate a one-piece, all-welded construction with rungs evenly spaced, center to center and welded to siderails. The siderails shall have a center spacing of 711 mm (28"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Available with hand hold loops or safety loops. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Curly Climbers shall be of a design which will not allow children to climb into the interior of the coil. Curly Climber coils shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Curly Climbers shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

Snake Pole shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The snake pole shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Stone Climber pods shall be rotationally molded linear low density polyethylene mounted on 60 mm (2.375") O.D. pre-galvanized support posts. Side rails shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. After fabrication all steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

Side Step Climber shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Side Step Climber shall be an all welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Loop Climber shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support posts shall be fabricated out of 42.2 mm (1.66") 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. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Climbing Net shall be fabricated from rope consisting of six urethane coated nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Climbing Net shall be secured with a stainless steel eyenut to the deck edge and a stainless steel cleavis at the bottom. Available with hand hold loops or safety loops.

2.4 m (8') Fun Wheels shall have rectangular 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. A single spinning wheel shall be attached with a 32 mm (1.25") diameter stainless steel hex bolt, positioned between two bearings. The wheel is fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 42 mm (1.625") O.D. steel tubing. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

3.7 m (12') Fun Wheels shall have triangular loops welded to a center support beam fabricated from 73 mm (2.875") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Three (3) spinning wheels shall be attached with 32 mm (1.25") diameter stainless steel hex bolts, each positioned between two bearings. The wheels are fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 42 mm (1.625") O.D. steel tubing. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

90 Degree Fun Wheels shall have triangular loops welded to a center support beam fabricated from 73 mm (2.875") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Two (2) spinning wheels shall be attached with 32 mm (1.25") diameter stainless steel hex bolts, each positioned between two bearings. The wheels are fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 42 mm (1.625") O.D. steel tubing. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

Straight Challenge Ladder shall be designed to incorporate a one-piece, welded construction to ease installation. The challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 3.7 m (12') and 2.4 m (8') centers for the length. The challenge ladder rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Wavy Challenge Ladder shall have rungs welded to siderails. The wavy challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 2.4 m (8') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-

galvanized steel tubing. The wavy challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

Bowed Challenge Ladder shall have rungs welded to siderails. The bowed challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 2.4 m (8') and 3.7 m (12') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The bowed challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating

Circle Overhead shall have teardrop shaped hand rungs welded to a single circular monorail. The Circle Overhead shall be designed with a 270 degree arc to return to the take off platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Circular Overhead shall have a baked-on electrostatically applied polyester dry powder coating.

"S" Overheads Right and Left shall have teardrop shaped hand rungs welded to a single arc monorail. The "S" Overhead Right shall be designed with a right arc from the take off platform, midway the arc turns left. The "S" Overhead Left shall be designed with a left arc from the take off platform, midway the arc turn right. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "S" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

"Z" Overheads Right and Left shall have teardrop shaped hand rungs welded to a single arc monorail. The "Z" Overhead Right shall be designed with a 90° right turn from the take off platform, midway the arc turns 90° left to a second platform. The "Z" Overhead Left shall be designed with a 90° left turn from the take off platform, midway the arc turns 90° right to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "Z" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

"C" Overhead shall have teardrop shaped hand rungs welded to a single arc monorail. The "C" Overhead shall be designed with a 90° turn from the take off platform, midway the arc turns an additional 90° to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "C" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

Extended "S", "C", and "Z" Overheads are identical to the standard "S", "C" and "Z" overheads with the addition of a straight section in the middle of the monorail. The added section shall have teardrop shaped hand rungs welded to a single straight monorail. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Extended Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

360 Degree Overheads shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a second circular support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall consist of a center support and perimeter support legs which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. 360 Degree Overheads shall have a baked-on electrostatically applied polyester dry powder coating. Advanced 360 Degree Overhead systems can be used in conjunction with Circle, "S", "C", and "Z" overhead components.

In-Line Straight Overheads shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a monorail support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall be used in conjunction with support legs which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. In-Line Straight Overheads shall have a baked-on electrostatically applied polyester dry powder coating. In-Line Straight Overhead systems can be used in conjunction with Circle and "C" overhead components.

Trapeze Challenge Ladder rungs shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tube and shall be mounted to the main side rails via stainless steel spherical bearings. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The trapeze challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 3.7 m (12') centers for the length. The trapeze challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

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 have a baked-on electrostatically applied polyester dry powder coating.

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 have an electrostatically applied polyester dry powder coating.

Snake Challenge shall have a main support beam fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. Challenge rung shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing welded underneath the main support beam. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

Ring Trek and Double Ring Trek shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have steel ring hangers welded in place to ease installation and reduce maintenance. Oil impregnated bronze bushings shall be pressed into ring hangers, after they have a baked-on electrostatically applied polyester dry powder coating. Ring trek handles shall be cast in tenzaioy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e.

3.66 m (12') and 6.09 m (20') Straight Track Ride shall be designed to incorporate a one-piece aluminum (6061-T6 alloy) extruded beam to ease installation and reduce maintenance. The beam shall be designed to work between 3.7 m (12') and 6.1 m (20') post centers respectively. Rubber stops shall be provided at each end of the track. Track ride cross beams shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The roller assembly shall consist of four load supporting wheels with sealed ball bearings and two lateral supporting wheels to insure that the roller assembly does not rub the sides of the beam. Track ride handle shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication, the steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Parallel Bars do not need additional posts for installation. Parallel bars shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing and have a finished length of 3.0 m (10'). After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Log Roll shall be rotationally molded from linear low density polyethylene with nylon bearings. The log roll posts shall be fabricated out of 127 mm (5") O.D. pre-galvanized steel tubing. Rails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

3.7 m (12') Balance Chains shall be designed to work between posts on 3.7 m (12') centers. Chain shall be 4/0 steel with a poly-vinyl-chloride coating, oven cured to a durable finish.

Floating Stones shall have a main support beam fabricated from 73 mm (2.875") O.D. 6 gauge pre-galvanized steel tubing. Hanging supports for the floating stones shall be 33 mm (1.315") O.D. pre-galvanized steel tubing and shall be tethered to a steel footing rail with 4/0 galvanized chain. Floating stones shall be rotationally molded linear low density polyethylene.

Stepping Stones shall be rotationally molded linear low density polyethylene mounted on 60 mm (2.375") O.D. pre-galvanized support posts.

4.9 m (16') Snake Balance Beam shall be fabricated from 51 x 102 mm (2" x 4") steel pipe. Balance beam ends shall have a plate welded over each end to eliminate sharp edges. Snake balance beams shall be designed to need no post for installation. All parts shall have a baked-on electrostatically applied polyester dry powder coating.

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"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Tunnel and panel shall be rotationally molded from linear low density polyethylene.

90° Elbow, Extended 90° Elbow and "S" Crawl Tunnel shall have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Elbow, extension and panel shall be rotationally molded from linear low density polyethylene.

Criss Cross, Arch and Incline Crawl Tunnels shall consist of 35 degree sections and have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel sections and panels shall be rotationally molded from linear low density polyethylene.

Telescope shall be rotationally molded from linear low density polyethylene. The Telescope shall have a non-magnifying light refracting type lens. The large end of the Telescope shall be enclosed with an impact resistant polycarbonate material and shall be optically clear. The upper assembly shall be fabricated from 4.5 mm (7gauge) pre-galvanized sheet steel. After fabrication all steel components shall have a baked-on electrostatically applied polyester dry powder coating. The Telescope shall rotate 360 degrees around the post and have an elevation change of approximately 25 degrees.

Aluminum Steering Wheel shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all these components shall have a baked-on electrostatically applied polyester dry powder coating.

Plastic Steering Wheel shall be rotationally molded from linear low density polyethylene. Steering Wheels shall mount to a 25 mm (1") O.D. pre-galvanized steel tube.

Balcony Deck shall provide enclosure, and shall have no gaps greater than 76 mm (3") or less than 254 mm (10"), especially between vertical rungs and posts. Balcony frames shall be fabricated from 33 mm (1.315") O.D. galvanized steel tube. The vertical rungs of the balcony deck shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing and shall be welded continuously around the entire perimeter. After fabrication, safety rails shall have a baked-on electrostatically applied polyester dry powder coating. The metal deck shall be fabricated from 11 gauge hot rolled steel which shall be punched formed and reinforced with welded in place 76 mm (3") x 11 gauge strips. This assembly shall be dipped in a textured poly-vinyl-chloride coating

Castle Panels, Frontier Village Panels and Ship Panels, Ship Bow Panel (U.S. Patent #D-374,054), Ship Sail, Captain's Wheel, Palm Tree and Bamboo theme panels and components shall be rotationally molded from linear low density polyethylene. The molded in graphics on the ship's bow shall not be raised above the surface of the panel.

Fire Truck Ladder Rails horizontal bars shall be fabricated from 33 mm (1.315") and vertical bars from 25 mm (1") pre-galvanized steel tubing. Rails shall provide an enclosure, and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The welds shall be continuous around the entire perimeter. Ladder rails shall have a baked-on electrostatically applied polyester dry powder coating.

Fire Truck Toolbox Panels shall be rotationally molded from linear low density polyethylene. The optional molded in graphics shall not be raised above the surface of the panel.

Fire Truck Fender Panels shall be rotationally molded from linear low density polyethylene.

Fire Truck Tire Panels shall be rotationally molded from linear low density polyethylene. They shall have aesthetic hardware covering inserts fabricated from Aluminum Tread Plate. Assembly hardware is stainless steel.

Fire Truck Pumper Panels shall be rotationally molded from linear low density polyethylene. They shall have aesthetic hardware covering inserts fabricated from Aluminum Tread Plate. Assembly hardware is stainless steel. Pumper Panel Bell option is fabricated from High Density polyethylene and assembled into the panel.

Fire Truck Cab Panels (includes Cab left, Cab right and Roof with Lightbar) shall be rotationally molded from linear low density polyethylene. Pre-galvanized 48 mm (1.875) diameter steel tubes are used to reinforce the joints between the panels. The steel tubes shall have a baked-on electrostatically applied polyester dry powder coating.

Fire Truck Bumper/Steering Panels shall be rotationally molded from linear low density polyethylene. The grill in the steering panel shall be fabricated from high density polyethylene. Assembly hardware is stainless steel.

Dinosaur Counting Panel, Alphabet Panel and Finger Maze Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Routed Play Panels shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Sign Panels shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark molded in to identify the source of the product. Sign panel shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Graphics Panels shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. Graphics panels shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Fire Safety Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Bubble Mirror Panel shall consist of two 3 mm (.125") metalized bubbles with a non-removable filler of bubble wrap packaging material inside to prevent compression of bubbles. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The panel shall have the manufacturer's trademark applied to identify the source of the product.

Mirror Panel mirror shall be fabricated from Type 430, 16 gauge, No. 2 bright annealed stainless steel. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

Bubble Panel shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The bubble panel shall be attached to a rotationally molded from linear low density polyethylene panel to provide enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

Window Panel shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The window panel shall be attached to a rotationally molded from linear low density polyethylene panel to provide enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

Gear Panel shall be rotationally molded from linear low density polyethylene. Two Lexan sheets contain a set of gears and a crank that shall be rotationally molded from linear low density polyethylene. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

Seven Station Play Factory shall be rotationally molded from linear low density polyethylene. Textured patterns, hand matching game and finger tracing maze shall be molded in. Two windows contain a set of gears that shall be rotationally molded from linear low density polyethylene. The periscope has polished stainless steel mirrors. Talk tube mouth pieces are stainless steel.

Activity Panels, Tic-Tac-Toe, Spelling, Math and Animal, shall consist of a cylinder assembly and enclosure panel. Cylinders shall have vertical support bars which shall be fabricated from 25 mm (1") O.D., pre-galvanized steel tubing. Panel and cylinders shall be rotationally molded from linear low density polyethylene. The molded-in graphics shall not be raised above the surface of the plastic. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Abacus Panel shall be rotationally molded from linear low density polyethylene. Spheres shall be fabricated from polyethylene with ultraviolet (UV) light stabilizers and color pigment molded in. Each of the polyethylene spheres shall be 70 mm (2.75") in diameter and be molded in red and yellow. Horizontal rails shall be fabricated from 25 mm (1") x 13 gauge pre-galvanized steel tubing.

Double Sided Routed Play Panels shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel

Fire Safety Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Infinity Loop Climber: climbers shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 42.2 mm (1.660") diameter steel tubing welded with 11 gauge pre-galvanized sheet steel. The center post shall be fabricated from 88.9mm (3.5") O.D. 11 ga pre-galvanized steel tubing with 11 gauge pre-galvanized sheet steel tabs. The supports and center post shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

Friendship Globe shall be rotationally molded from linear low density polyethylene with ultraviolet (UV) stabilizers, raised continents and graphics molded in. Globe shall be mounted on 16 gauge 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Kid Builders™ Panels, Lions Head Crawl Tunnel (U.S. Patent D-381056), Seat, Counter (U.S. Patent D-391615), Adjustable Counter and Door Panel shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Safety Panels shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene.

Safety Rails shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be fabricated from 3 mm (11 gauge) sheet steel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Crawl Panel shall consist of a fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing holding a panel fabricated from 3.0 mm (11 gauge) sheet steel. A ring fabricated of 33.4 mm (1.312") O.D. pre-galvanized steel tubing will line the hole in the sheet steel panel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating

Steel Crawl Tunnel shall consist of two panels fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 3.0 mm (11 gauge) sheet steel. A ring fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing will line the hole in the sheet steel panel. A panel shall be attached to each end of a tunnel constructed of punched and rolled 2.3 mm (13 gauge) sheet steel. After fabrication each piece shall have a baked-on electrostatically applied polyester dry powder coating, and assembled prior to shipment.

Steel Valance Panels shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1.315") steel tubing. Steel store front shall consist of two components: a counter and top section which can be used together to simulate a general store, lemonade stand, ticket booth or used independently. After fabrication the components shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Laser Cut Panels shall be fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing. Laser Cut panel & side plates shall be fabricated from 2.3 mm (13 gauge) sheet steel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Mirror Panel shall consist of a frame fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing holding a panel fabricated from 3.0 mm (11 gauge) sheet steel. A flange of 3.0 mm (11 gauge) steel mounts a mirror fabricated from 1.6 mm (16 gauge) stainless steel. Side plates shall be 3.0 mm (11 gauge) sheet steel. Prior to assembly, panel and flange shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Seat Panel shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be 3.0 mm (11 gauge) sheet steel. Seat surface shall be vinyl-clad fabricated from 2.3 mm (13 gauge) punched & bent sheet steel. Panel shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Tap-A-Tune® Panel shall be fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing. Panel and side plates shall be fabricated from 3 mm (11 gauge) sheet steel. Assembly shall contain a piano mechanism and a panel of 1.9 mm (14 gauge) galvanized steel, painted and silk screened with musical graphics. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Vehicle Panel shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Panel and side plates shall be fabricated from 3 mm (11 gauge) sheet steel. Headlights are fabricated from 127 mm (5" O.D. 11 gauge pre-galvanized round tubing with aluminum caps installed. Steering wheel shall be made from cast Tenzaloy, a high strength, self aging aluminum alloy. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Store Front shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1.315") steel tubing. Steel store front shall consist of two components: a counter and top section which can be used together to simulate a store or used independently. After fabrication the components shall have a baked-on electrostatically applied polyester dry powder coating.

Steel Driving Panel shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and a laser cut plate fabricated from 2.3 mm (13 gauge) pre-galvanized sheet steel. Side plates shall be fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. Steering wheel shall be made from cast Tenzaloy, a high strength, self aging aluminum alloy. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Metal Tic-Tac-Toe Panel shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be 3.0 mm (11 gauge) sheet steel. Assembly will contain unpainted sand cast aluminum cylinders containing X's & O's. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Metal Abacus Panel shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be 3.0 mm (11 gauge) sheet steel. Abacus balls shall be machined from aluminum. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Woven Wire Panel shall consist of a frame fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing holding a panel of wire mesh with 6.35 mm (.25") diameter wire and 38.1 mm (1.5") x 38.1 mm (1.5") grid openings. Side plates shall be 3.0 mm (11 gauge) sheet steel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

Turning and Chinning Bars and Single Rails shall be fabricated from 33 mm (1.315") O.D. galvanized steel pipe and shall have a baked-on electrostatically applied polyester dry powder coating.

Hex Roof shall have the manufacturer's trademark applied to identify the source of the product. Roof shall be a double-wall construction. The roof shall be rotationally molded from linear low density polyethylene.

Roofs shall have the manufacturer's trademark applied to identify the source of the product. Roof shall be a double-wall construction. The roof shall be rotationally molded from linear low density polyethylene.

Thatch Roof shall have the manufacturer's trademark applied to identify the source of the product. Roof shall be a double-wall construction. The Thatch Roof shall be rotationally molded from linear low density polyethylene and assembled using M10 toggler bolts.

Tikes Peak Roof (with/without Snow or Lava Cap) shall be rotationally molded from linear low density polyethylene. Assembly hardware is stainless steel.

Steel and Steel Mesh Square Roofs shall consist of 4 pieces to be fabricated from 16 gauge pre-galvanized sheet steel with the mesh version containing 76 mm (3") x 6 mm (.25") slots punched in a regular pattern. The cupola shall be fabricated from 16 gauge pre-galvanized sheet steel and is installed using a 20.6 mm (.83") O. D. spacer. After fabrication the roofs shall have a baked-on electrostatically applied polyester dry powder coating.

Steel and Steel Mesh Hex Roofs shall consist of 6 pieces to be fabricated from 1.6 mm (16 gauge) sheet steel with the mesh version containing 76 mm (3") x 6 mm (.25") slots punched in a regular pattern. The cupola is fabricated from 2.3 mm (13 gauge) some of which is punched with 16 mm (.625") diameter holes and 3.0 mm (11 gauge) sheet steel. All parts shall have a baked-on electrostatically applied polyester dry powder coating.

Mesh Gable Roof shall have ribs fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Ribs 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 punched over the entire surface to provide light. The roof section shall be mechanically attached to each rib to form the gable roof assembly. After fabrication the gable roof shall have a baked-on electrostatically applied polyester dry powder coating. The gable roof shall be assembled using a roof post cap, which shall be fabricated from standard Kid Builders sleeve material with an 11 gauge cap and tab.

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 have a baked-on electrostatically applied polyester dry powder coating. The archway roof assembly shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

Double 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 have a baked-on electrostatically applied polyester dry powder coating. The archway roof assembly shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

Arches shall be fabricated from 11 gauge pre-galvanized steel and shall have a 127 mm (5") O.D. Arches shall be bent to a 610 mm (24") center line radius. After fabrication the arches shall have a baked-on electrostatically applied polyester dry powder coating. The arches shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

Hand Hold Loops shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. **Safety Loops** shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing with vertical rungs fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating. **Transition Loops** shall be fabricated from 42.2 mm (1.66") O.D. galvanized steel tube with a stub rail fabricated from 33 mm (1.315") O.D. galvanized steel welded into one end. All steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Talk Tubes shall be fabricated from 48 x 3.4 mm (1.90" x .135") wall steel tubing. The "Phone funnel" shall be fabricated from sheet steel capped with tubing and have a perforated steel insert inside. Talk Tubes shall have a baked-on electrostatically applied polyester dry powder coating.

All Steel Tube Components shall comply with ASTM standards: A-500, or A-513. The steel tube components shall be pre-galvanized. 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.

3.5" O.D.

LTC.PLAY BUILDERS™ SPECIFICATIONS for Little Tikes. Va Playgrounds Services .

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 blow molded low density polyethylene. 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.

Polyester Dry Powder Coating shall be electrostatically applied can cured at temperatures between 400° Fahrenheit (204° Celsius) and 500° Fahrenheit (260° Celsius). The polyester powder shall comply with ASTM standards: D-522 (Flexibility Mandrel Test), D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), D-2247 (Humidity Resistance Test), D-822 (Weatherability Test), D-3363 (Pencil Hardness Test), D-2454 (Overbake Resistance Test) and D-3359B (Adhesion Crosshatching Test). Epoxy or Hybrid paints are not acceptable due to poor weatherability characteristics. The components shall be cleaned in a six bath system which shall include a rust-inhibitive iron phosphate wash prior to painting.

Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Distortion Temperature) and ARM-STD (Low Temperature Impact).

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 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 Posts shall be 89 mm (3.5") O.D. or (5 ") O.D, 11 gauge pre-galvanized round tubing, or aluminum round tubing when specified. Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). Plastic caps shall be positioned in the top of each post. Posts shall have a baked-on electrostatically applied polyester dry powder coating. Post uprights may be aluminum round tubing when specified.

Square Vinyl Clad Metal Decks 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 dipped in a textured poly-vinyl-chloride coating.

Vinyl Clad Half Deck shall cover a minimum of .52 square meters (798 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 dipped in a textured poly-vinyl-chloride coating.

Vinyl Clad Triangle Deck shall cover a minimum of .45 square meters (680 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 dipped in a textured poly-vinyl-chloride coating.

1.2m (48") and 915 mm (36") Transfer Station shall consist of two triangular decks, a three step assembly for the 1.2 m (48") and two step assembly for the 915 mm (36") and handrails. Each triangular deck shall be fabricated from 11 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 1.2 m (48") deck height or 915 mm (36") 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 11 gauge sheet steel. Each step assembly and Transfer Deck shall be dipped in a textured poly-vinyl-chloride coating. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall have a baked-on electrostatically applied polyester dry powder coating.

Colored Kick Plates and Deck to Deck Activity Plates shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall have a baked-on electrostatically applied polyester dry powder coating. 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

3.7m (12') Vinyl Clad Metal Ramps shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides. Ramp assembly shall be dipped in textured poly-vinyl-chloride.

Ramp Double Rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating.

Ramp Safety 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 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

Ramp Guard Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

1.2 m (4') and 2.4m (8') Arch Bridge 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 dipped in a textured poly-vinyl-chloride coating.

Arch Bridge Safety Rails vertical rungs shall be fabricated from 25 mm (1") 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 have a baked-on electrostatically applied polyester dry powder coating.

Arch Bridge Guard Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

Cat Walk shall be fabricated from 3 mm (11 gauge sheet steel with 3 mm (11 gauge) steel sides and end supports. Cat Walk shall be dipped in a textured poly-vinyl-chloride and oven cured to a durable finish. Cat Walk shall have a dual rail side enclosure. Top and bottom rails shall be fabricated from 33.4 mm (1.315") O.D. pre-galvanized steel tubing with vertical rails welded to the top and bottom rail. Vertical rails shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After assembly side enclosures and end sections shall have a baked-on electrostatically applied polyester dry powder coating.

2.4 m (8') and 3.7 m (12') Vinyl Clad Clatter (Suspension) Bridge (U.S. Patent #5,118,099) planks shall be pre-assembled at factory for ease of installation. Clatter bridge planks shall be fabricated from one piece of 11 gauge punched and formed hot rolled sheet steel. The clatter bridge plank shall be dipped in textured poly-vinyl-chloride and oven-cured. Assembly of planks shall be such that no open gaps occur between planks. Plank to plank joints shall be pinch proof to the user. No cables or chains shall be used in the assembly of the planks. Clatter bridges shall have a dual rail side enclosure fabricated from 33 mm (1.315") pre-galvanized steel tubing, curved to match the curve of the bridge, to provide user stability at a consistent height along the bridge and shall have a baked-on electrostatically applied polyester dry powder coating.

Burmese Bridge shall be designed to work between posts on 3.7 m (12') centers. The chains shall be pre-galvanized and the vertical chains shall be PVC coated and oven cured to a durable finish. Handrails shall be fabricated from 42.2 mm (1.66") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Vinyl Clad Stairs and Step Ladders shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The stair/step assembly shall be fabricated from punched 13 gauge hot rolled sheet steel. The stair/step assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Handrails and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within handrails and deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Handrails and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

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. Rung ladder shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand loops or safety loops.

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 32 mm (1.25") deep. The complete ladder assembly shall be dipped in a textured poly-vinyl-chloride coating. Available with hand hold loops or safety loops.

Cliff Climb shall be rotationally molded from linear low density polyethylene. 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 a mirror fabricated from Type 430, 16 gauge, No 2 bright annealed stainless steel.

Pommel Climber shall be fabricated from 33 mm (1.315") x 14 gauge pre-galvanized steel tubing. Brackets shall be fabricated from 4.554 mm (.179") mild steel. Pommels shall be fabricated from E.P.D.M. 50 duro black rubber with a steel insert molded inside, rendering them slash proof. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

Arched Chain Climbers shall be designed to incorporate a one-piece, all welded frame. The side rails shall be arched and have a center to center spacing of 722 mm (28.437"). The side rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Chain shall be 4/0 steel with a textured poly-vinyl-chloride coating, oven cured to a durable finish.

After fabrication all parts except for the chain shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

Chain Net Climber chain shall be 4/0 steel with a textured poly-vinyl-chloride coating. Available with hand loops or safety loops.

Inverted Arch Climber shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing, be arched and have a center to center spacing of 722 mm (28.437"). The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

Arch Climber shall be designed to incorporate a one-piece, all-welded construction with rungs evenly spaced, center to center and welded to siderails. The siderails shall have a center spacing of 711 mm (28"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

Curly Climbers shall be of a design which will not allow children to climb into the interior of the coil. Curly Climber coils shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Curly Climbers shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

Snake Pole shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The snake pole shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Loop Climber shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support posts shall be fabricated out of 42.2 mm (1.66") 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. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Side Step Climber shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Side Step Climber shall be an all welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Climbing Net shall be fabricated from rope consisting of six urethane coated nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Climbing Net shall be secured with a stainless steel eyenut to the deck edge and a stainless steel cleavis at the bottom. Available with hand hold loops or safety loops.

Circle Overhead shall have teardrop shaped hand rungs welded to a single circular monorail. The Circle Overhead shall be designed with a 270 degree arc to return to the take off platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Circular Overhead shall have a baked-on electrostatically applied polyester dry powder coating.

"S" Overheads Right and Left shall have teardrop shaped hand rungs welded to a single arc monorail. The "S" Overhead Right shall be designed with a right arc from the take off platform, midway the arc turns left. The "S" Overhead Left shall be designed with a left arc from the take off platform, midway the arc turn right. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "S" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

"Z" Overheads Right and Left shall have teardrop shaped hand rungs welded to a single arc monorail. The "Z" Overhead Right shall be designed with a 90° right turn from the take off platform, midway the arc turns 90° left to a second platform. The "Z" Overhead Left shall be designed with a 90° left turn from the take off platform, midway the arc turns 90° right to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "Z" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

"C" Overhead shall have teardrop shaped hand rungs welded to a single arc monorail. The "C" Overhead shall be designed with a 90° turn from the take off platform, midway the arc turns an additional 90° to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "C" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

360 Degree Overhead shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a second circular support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall consist of a center support and perimeter support legs, which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. 360 Degree Overheads shall have a baked-on electrostatically applied polyester dry powder coating. Advanced 360 Degree Overhead systems can be used in conjunction with Circle, "S", "C" and "Z" overhead components.

Challenge Ladder shall be designed to incorporate a one-piece, welded construction to ease installation. The challenge ladder shall be designed to work between posts on 3.7 m (12') and 2.44 m (8') centers for the length. The challenge ladder rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Wavy Challenge Ladder shall have rungs welded to siderails. The wavy challenge ladder shall be designed to work between posts on 2.44 m (8') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The wavy challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

Bowed Challenge Ladder shall have rungs welded to siderails. The bowed challenge ladder shall be designed to work between posts on 2.44 m (8') and 3.7 m (12') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The bowed challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

Trapeze Challenge Ladder rungs shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tube and shall be mounted to the main side rails via stainless steel spherical bearings. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The trapeze challenge ladder shall be designed to work between posts on 3.7 m (12') centers for the length. The trapeze challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

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 have a baked-on electrostatically applied polyester dry powder coating.

Floating Stones shall have a main support beam fabricated from 73 mm (2.875") O.D. 6 gauge pre-galvanized steel tubing. Hanging Supports for the floating stones shall be 33 mm (1.315") O.D. pre-galvanized steel tubing and shall be tethered to a steel footing rail with 4/0 galvanized chain. Floating stones shall be rotationally molded linear low density polyethylene.

Stepping Stones shall be rotationally molded linear low density polyethylene mounted on 60mm (2.375") O.D. pre-galvanized support posts.

Track Ride shall be designed to incorporate a one-piece aluminum (6061-T6 alloy) extruded beam to ease installation and reduce maintenance. The beam shall be designed to work between 3.7 m (12') post centers. Rubber stops shall be provided at each end of the track. Track ride cross beams shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The roller assembly shall consist of four load supporting wheels with sealed ball bearings and two lateral supporting wheels to insure that the roller assembly does not rub the sides of the beam. Track ride handle shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication, the steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Ring Trek shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have steel ring hangers welded in place to ease installation and reduce maintenance. Oil impregnated bronze bushings shall be **Caps** shall fit snugly into 33 mm (1.315") diameter, and 25 mm (1") square pipe ends and shall be injection molded high density polyethylene. This plastic shall be stabilized against pressed into ring hangers, after they have a baked-on electrostatically applied polyester dry powder coating. Ring trek handles shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e.

Parallel Bars do not need additional posts for installation. Parallel bars shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing and have a finished length of 3.0 m (10'). After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Stainless Steel Double Wide Slide shall be 755 mm (29.7") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Single rail shall be fabricated from 33 mm (1.315") O.D. galvanized tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

Wave Slides with Hood enclosure shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood shall prohibit string entanglement. Plastic slide side rails shall be a minimum of 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

610 mm (24") Wave Slides with Hood enclosure shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood are shipped pre-assembled and shall prohibit string entanglement. Plastic slide rails shall be a minimum of 203 mm (8") high from the slide surface. Slide bedway shall be designed with a 406 mm (16") minimum width. Slide bed shall be one-piece with no seams or joints.

Double Wide Slides shall be rotationally molded from linear low density polyethylene. 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. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating. A single rail sit down bar shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

360° Spiral Slide (U.S. Patent #D335,517) with Hood shall be two piece with a seamless bedway, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 355 mm (14") high from the slide surface. Center post shall be 89 mm (3.5") pre-galvanized tubing. Slide bed and enclosure shall conform to United States CPSC guidelines for spiral slides. Spiral slide shall provide a full 360° of rotation. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 0.7 square meters (1,080 square inches) of top surface. This assembly shall be dipped in textured poly-vinyl-chloride. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts.

Elbow Slides shall be one-piece, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide enclosure shall be fabricated from 33 mm (1.315") O.D. tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

Half Pipe Sectional Slides with Hoods shall be comprised of section, rotationally molded from linear low density polyethylene. The slide enclosures shall also be rotationally molded from linear low density polyethylene. The end support and mid supports shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized tubing, 2.3 mm (13 gauge and 3 mm (11 gauge) pre-galvanized sheet steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating.

Tunnel Slides shall be configured to approximately a 762 mm (30") internal diameter cross section. Tunnel panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel slides shall be assembled using an overlap joint on section connection and shall not have any internal hardware. Tunnels, elbows and panels shall be rotationally molded from linear low density polyethylene. Tunnel slide end supports shall be fabricated from 38 mm (1.5") square, pre-galvanized steel tubing and mid supports shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Both supports shall have a baked-on electrostatically applied polyester dry powder coating.

Bannister Rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tube. All components shall have a baked-on electrostatically applied polyester dry powder coating.

Sliding Poles shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel pipe. After fabrication all components shall have a baked-on electrostatically applied polyester dry powder coating. The top support brace shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel pipe.

Straight Crawl Tunnels shall have an approximate internal diameter area of 762 mm (30") and three 76 mm (3") holes to allow for visibility. Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Tunnel and panel shall be rotationally molded from linear low density polyethylene.

90° Elbow, Extended 90° Elbow and "S" Crawl Tunnel shall have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Elbow, extension and panel shall be rotationally molded from linear low density polyethylene.

Aluminum Steering Wheel shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheels shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all components shall have a baked-on electrostatically applied polyester dry powder coating.

Plastic Steering Wheel shall be rotationally molded from linear low density polyethylene. Steering wheels shall mount to a 25 mm (1") O.D. pre-galvanized steel tube.

Kid Village™ Panels, Seat (U.S. Patent D-370959), Counter, Doorway, Window, Activity and Fence (U.S. Patent D-370,268), shall be rotationally molded from linear low density polyethylene. The village panels shall be 1231 mm (48.5") high. The Kid Village™ doorway opening shall be 457 mm (18") wide. The molded in graphics shall not be raised above the surface of the panel. Panel mounting brackets shall be fabricated from 11 gauge sheet steel and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Kid Village™ Table shall be rotationally molded from linear low density polyethylene.

Animal Crawl Tunnel (U.S. Patent D-381056), Counter (U.S. Patent D-391615) and Door Panel shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Steel Store Front shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1.315") steel tubing. Steel Store Front shall consist of two components: a counter and top section, which can be used together to simulate a store or used independently. After fabrication the components shall have a baked on electrostatically applied polyester dry powder coating.

Dinosaur Counting Panel, Alphabet Panel and Finger Maze Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene.

Graphics Panels shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. Graphics panels shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Bubble Mirror Panel shall consist of two 3 mm (.125") metalized bubbles with a non-removable filler of bubble wrap packaging material inside to prevent compression of bubbles. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The panel shall have the manufacturer's trademark applied to identify the source of the product.

Mirror Panel mirrors shall be fabricated from Type 430, 16 gauge, No. 2 bright annealed stainless steel. The mirror shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Bubble Panels shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The bubble shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Window Panels shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The window shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Gear Panel shall be rotationally molded from linear low density polyethylene. Two Lexan sheets contain a set of gears and a crank that shall be rotationally molded from linear low density polyethylene. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

Seven Station Play Factory shall be rotationally molded from linear low density polyethylene. Textured patterns, hand matching game and finger tracing maze shall be molded in. Two windows contain a set of gears that shall be rotationally molded from linear low density polyethylene. The periscope has polished stainless steel mirrors. Talk tube mouth pieces are stainless steel.

Activity Panels, Tic-Tac-Toe, Spelling, Math and Animal, shall consist of a cylinder assembly and enclosure panel. Cylinders shall have vertical support bars which shall be fabricated from 25 mm (1") O.D., pre-galvanized steel tubing. Panel and cylinders shall be rotationally molded from linear low density polyethylene. The molded-in graphics shall not be raised above the surface of the plastic. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Abacus Panel shall be rotationally molded from linear low density polyethylene. Spheres shall be fabricated from polyethylene with ultraviolet (UV) light stabilizers and color pigment molded in. Each of the polyethylene spheres shall be 70 mm (2.75") in diameter and be molded in red and yellow. Horizontal rails shall be fabricated from 25 mm (1") x 13 gauge pre-galvanized steel tubing.

Double Sided Routed Play Panels shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Fire Safety Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Accessible Sand Box/Water Table shall be rotationally molded from linear low density polyethylene. Sand capacity shall be approximately 150 pounds of play sand. The Sand Box/Water Table shall be fitted in the factory with a water drainage valve. A one piece lid shall be rotationally molded from linear low density polyethylene.

Friendship Globe shall be rotationally molded from linear low density polyethylene with ultraviolet (UV) stabilizers, raised continents and graphics molded in. Globe shall be mounted on 16 gauge 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Sign Panels shall provide a non-climbable enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Safety Panels shall provide a non-climbable enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Safety Rails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing with 7 gauge pre-galvanized steel brackets welded on both ends for attachment to the posts and deck. 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. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar, and shall be welded continuously around the entire perimeter. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Talk Tubes shall be fabricated from 48 x 3.4 mm (1.90" x .135") wall steel tubing. The "phone funnel" shall be fabricated from sheet steel capped with tubing and have a perforated steel insert inside. Talk Tubes shall have a baked-on electrostatically applied polyester dry powder coating.

Chinning and 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 have a baked-on electrostatically applied polyester dry powder coating.

Sand Border Panels shall be rotationally molded from linear low density polyethylene. All panels shall have a molded in seat and overlap standard posts with a minimum height of 317 mm (12.5"). Post spacing shall be the standard 1003 mm (39.5") on centers.

Quad Roof shall have over 18.6 square meters (61 square feet) of shaded play area and have the manufacturer's trademark molded in to identify the source of the product. The quad roof shall be 940 mm (37") high and rotationally molded from linear low density polyethylene. The Quad Roof is a multi section roof (nine sections) and requires eight posts for mounting, but can accommodate a ninth, or center post.

Square Roofs shall be 762 mm (30") high and shall have the manufacturer's trademark molded in to identify the source of the product. The roof shall be a double wall construction and rotationally molded from linear low density polyethylene.

Arch Roof and Double Arch Roof shall consist of two parts. The arches shall be rotationally molded from linear low density polyethylene. The roof section shall be fabricated from 16 gauge galvanized sheet steel with 6 x 76 mm (.25" x 3") slots punched over the entire surface. The roof section shall be mechanically attached to the arches with screws to form the assembly. The roof section shall have a baked-on electrostatically applied polyester dry powder coating.

Arches shall be rotationally molded from linear low density polyethylene.

Loops shall be fabricated from 33 mm (1.315") O.D., pre-galvanized steel tubing, with vertical rungs fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating and be designed to bolt directly to the post and deck.

There shall exist **NO GAPS** greater than 76 mm (3") and less than 254 mm (10") in any component design, unless otherwise stated.