



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

# Request for Quotation

RFQ NUMBER
DNR210007

PAGE
1

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

\*A09113539 804-798-6842  
VIRGINIA PLAYGROUND SERVICES I  
14276 RIVERSIDE DR

ASHLAND VA 23005

DIVISION OF NATURAL RESOURCES  
COOPERS ROCK STATE FOREST  
ATTN: PARK SUPERINTENDENT  
ROUTE 1, BOX 270  
BRUCETON MILLS, WV  
26525 594-1561

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/30/2009				

BID OPENING DATE:

08/27/2009

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
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650-38

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LABOR AND MATERIAL FOR PLAYGROUND EQUIPMENT

\$27,396

## REQUEST FOR QUOTATION (RFQ)

THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS TO PROVIDE ALL LABOR AND MATERIALS FOR THE INSTALLATION OF PLAYGROUND EQUIPMENT AT COOPER'S ROCK STATE PARK LOCATED IN BRUCETON MILLS, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.

A MANDATORY PRE-BID WILL BE HELD ON AUGUST 11, 2009 AT 10:00 AM AT THE COOPERS ROCK STATE PARK HEADQUARTERS IN BRUCETON MILLS, WEST VIRGINIA. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT I DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.

AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATOR PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE

RECEIVED

2009 SEP -1 A 10:30

PURCHASING DIVISION  
STATE OF WV

SIGNATURE	SEE REVERSE SIDE FOR TERMS AND CONDITIONS	TELEPHONE	DATE
<i>James Ferrell</i>		334 249 2180	8/31/09
TITLE	UFEIN	20-489778	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

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**INSTRUCTIONS TO BIDDERS**

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



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<p>SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER-S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.</p> <p>ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID, BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BOD OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 08/14/2009 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED.</p> <p>QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT A BID TO THE STATE OF WEST VIRGINIA ARE NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING AND IN ANY FORMAT.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT</p>						
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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>EXHIBIT 5</p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK TO SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 30 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR PRESTON COUNTY, PURSUANT</p>						
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TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)						
ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.						
WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.						
ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:						
(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.						
( ) BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.						
(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT						
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ACCEPCTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.						
( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.						
REV. 11/00						
EXHIBIT 7						
DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS PROJECTS						
IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.						
FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES						

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<p>DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID</p>						
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OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.						
(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.						
REV. 11/96						
EXHIBIT 10						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NOS. : <i>VES</i> <i>WAB</i>						
NO. 1 . . . . .						
NO. 2 . . . . . <i>VES</i> <i>WAB</i>						
NO. 3 . . . . . <i>VES</i> <i>WAB</i>						
NO. 4 . . . . .						
NO. 5 . . . . .						

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<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p><i>James Benedict</i> VIRGINIA PLAYGROUND SERVICES 8-31-09 SIGNATURE COMPANY DATE</p> <p>REV. 11/96</p> <p>CONTRACTORS LICENSE</p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:</p>						

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304-558-2596

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

DIVISION OF NATURAL RESOURCES  
COOPERS ROCK STATE FOREST  
ATTN: PARK SUPERINTENDENT  
ROUTE 1, BOX 270  
BRUCETON MILLS, WV  
26525 594-1561

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS		
07/30/2009						
BID OPENING DATE: 08/27/2009		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>CONTRACTORS NAME: VIRGINIA PLAYGROUND SERVICES</p> <p>CONTRACTORS LICENSE NO.: 044827</p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT</p> <p>APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULE AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>REV. 5/2009</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE		DATE		
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		

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



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

# Request for Quotation

RFQ NUMBER

DNR210007

PAGE

10

ADDRESS CORRESPONDENCE TO ATTENTION OF:

KRISTA FERRELL  
304-558-2596

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

DIVISION OF NATURAL RESOURCES  
COOPERS ROCK STATE FOREST  
ATTN: PARK SUPERINTENDENT  
ROUTE 1, BOX 270  
BRUCETON MILLS, WV  
26525 594-1561

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/30/2009				

BID OPENING DATE:

08/27/2009

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER:				KRISTA FERRELL-FILE 21		
REQ. NO.:				DNR210007		
BID OPENING DATE:				08/27/2009		
BID OPENING TIME:				1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
----- 434 296 3289 -----						
PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE:						
----- JIM BENEDICT ----- ----- CELL 434 249 2158 -----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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



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

# Request for Quotation

RFQ NUMBER

DNR210007

PAGE

11

ADDRESS CORRESPONDENCE TO ATTENTION OF:

KRISTA FERRELL  
304-558-2596

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

DIVISION OF NATURAL RESOURCES  
COOPERS ROCK STATE FOREST  
ATTN: PARK SUPERINTENDENT  
ROUTE 1, BOX 270  
BRUCETON MILLS, WV  
26525 594-1561

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS		
07/30/2009						
BID OPENING DATE: 08/27/2009		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DNR210007 ***** TOTAL: _____						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE			TELEPHONE		DATE	
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		

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

To supply and install playground equipment to offer play activities for children ages five (5) to twelve (12) at Cooper's Rock State Forest, Bruceton Mills, West Virginia. Playground equipment will be purchased for two separate areas in the park. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.

## **CAMPGROUND AREA PLAYGROUND**

Henderson play structure, Model #L02175R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- One (1) Henderson free standing playsteel heavy duty tire swing with a minimum of 3' top bar with powder coated finish. Item #SW101, or equal. Swing must include a swing chain that is a minimum of 4' in length' and made of galvanized steel, zinc plated swing bearing, and a tire. The tire must be new, steel-belted with a mechanical assembly of seat brackets and quick links.
- One (1) Henderson free standing double spring dino see saw motion toy, Item #MT214, or equal. See saw motion toy must include two oversized springs made of galvanized steel and must be designed for two (2) users. All paint must be a powder coated finish or the equivalent.
- One (1) Henderson bucking bronco motion toy, Item #MT003, or equal. Motion toy must consist of a cast aluminum animal with a powder-coat finish and coil spring base assembly. The coil spring must be constructed of cast aluminum construction.
- One (1) Henderson free standing plastic wave slide and ladder, Item #TS031, or equal. Slide must be a minimum of 5' in height and constructed with HDPE quality plastic, or equal.
- One (1) Henderson triple cliffhanger, Item #TE029, or equal. Cliffhanger must consist of climbing wall which must be rotationally-moulded with medium-density polyethylene and welded ground legs which consist of galvanized steel tube and a satin-coated steel sheet.

## **OVERLOOK AREA PLAYGROUND**

Henderson custom play structure, Model #PF09504R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- One (1) Henderson spiral slide complete with hood and safety railings, or equal. Slide must be a minimum of 6' in height and a minimum of 16" wide. Slide must be zinc-plated hot rolled mild flat steel or the equivalent. Deck must consist of welded 10 gauge steel and Plastisol-coated after fabrication or the equivalent. Safety railing must be powder-coat painted or the equivalent.
- One (1) Henderson single cliffhanger, or equal. Cliffhanger must be a minimum of 6' in height and consist of a roto-molded HDPE quality plastic, or equal.
- One (1) Henderson accessible step deck, or equal. Step must be a minimum of 24" in height and include step deck, handrails, and infills. Handrails must be constructed with galvanized steel tube and must be powder-coat painted or the equivalent.
- One (1) Henderson double scoop slide complete with hood, or equal. Slide must be a minimum of 4' in height and the slide must consist of a minimum of a 10 gauge satin-coated steel sheet and ground legs that must be powder-coat painted or the equivalent.
- One (1) left transfer station, or equal. Station must be a minimum of 4' in length.
- Two (2) sets Henderson safety station railings, or equal. Station must be a minimum of 4' in length. Railings must be powder-coat painted or the equivalent.
- One (1) Henderson tower climber, or equal. Climber must consist of a climber, safety railing, and pole frame. Climber must be made of galvanized steel and the entire assembly must be powder-coat painted, or the equivalent. Climber must be a minimum of 5' in height.
- One (1) Henderson maze wheel, or equal.
- One (1) Henderson custom panel, or equal.
- One (1) Henderson crooked net link, or equal.
- One (1) Henderson drum panel, or equal. Drum panel must consist of panel brackets, panels, and drums. Panel must be ground mounted.
- One (1) Henderson accessible trapeze beam, or equal. Trapeze beam must consist of ring beam and rings. The ring beam must be zinc-plated and consist of hot -rolled mild flat steel. Ring beam and rings must be powder-coat painted or the equivalent.

- One (1) Henderson paddle power, or equal. Paddle power must be a mechanical assembly of bar and plastic. Bar must be constructed of galvanized steel tube, HDPE quality plastic and the bar must be powder-coated or the equivalent.
- One (1) Henderson log roll, or equal. Log Roll must consist of a grab bar, turning bar, and log roll. Log roll must consist of galvanized steel and powder-coat painted or the equivalent.
- One (1) Henderson triple overhead rotator, or equal. Rotator must be a minimum of 12' in length and consist of an assembly beam, wheel, and end bar. Triple overhead rotator must be constructed of galvanized steel and must be powder-coat painted or the equivalent.
- One (1) Henderson twin track ride, or equal. Twin track ride must consist of tracks, support bars, trolleys, and handles. All components must be constructed with galvanized steel and must be powder-coat painted or the equivalent.

Henderson 1-bay arch swing, Model #SW340, or equal. Swing must be a minimum of eight feet (8') and must include belt seats and swing chains. Belt seats must be a minimum of 6"x 24" and consist of EPDM rubber and polymer and vandal-proof, or the equivalent. Swing chain must consist of a minimum of 6mm galvanized swing chain and must be the industry standard length for belt swings. All hardware must be rust-proof.

Henderson arch swing, Model #SW341, or equal. Swing must be a minimum of eight feet (8') in height and extend a half bay complete with two (2) baby seats and swing chains, or equal. Baby seats must be fully enclosed and consist of EPDM rubber and polymer blend and must be vandal-proof. Swing chain must be the industry standard length for baby swings. All hardware must be rust-proof.

## ITEMS FOR ALL PLAYGROUNDS

All playground equipment must meet the following requirements:

- SEE ENCLOSED LETTER*
- YES* Compliance with U.S. Consumer Product Safety Commission, Handbook for Public Playground Safety.
  - YES* Compliance with ASTM Standard F 1487.



✓  
Compliance with Architectural and Transportation Barriers Compliance Board, Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas.

✓  
Compliance with CPSIA § 101  
Vendors must submit the following attachments: LEAD CONTENT

SEE  
ENCLOSED

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

#### Warranties:

SEE  
ATTACHED

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

All playground equipment must include tamper proof fasteners to prevent theft and destruction. (YES)

Color scheme of equipment must be coordinated with Cooper's Rock State Forest. Color of items will be selected from manufacturer's standard colors.

A mandatory pre-bid conference will be held on August 11, 2009, at Cooper's Rock State Forest at 10:00.am. 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.

Pricing Sheet:

**Vendors must provide unit pricing for all line items. Failure to provide unit pricing will result in the disqualification of the vendor's bid.**

Cooper's Rock State Forest  
PLAYGROUND EQUIPMENT SHEET

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

AS EQUAL WITH LITTLE TIKES

Item No.	Equipment	Manufacturer	Model
1	Campground Area Playground. Henderson free standing playsteel heavy duty tire swing with top bar, Item #SW101, or equal.	LITTLE TIKES SEE PAGE 151 CATALOGUE	# 160200282 TIRE SWING PAGE 151
2	Campground Area Playground. Henderson free standing double spring dino see saw motion toy, Item #MT214, or equal.	LITTLE TIKES SEE SAW DRAGON FLY SEE PG 121	# 100011361 DRAGON FLY PAGE 21
3	Campground Area Playground. Henderson bucking bronco motion toy, Item #MT003, or equal.	LITTLE TIKES HORSE SEE PAGE 155	# 200007457 SPRING RIDER HORSE PAGE 155
4	Campground Area Playground. Henderson free standing plastic wave slide and ladder, Item #TS031, or equal.	LITTLE TIKES CUSTOM DESIGN SEE PLAN VIEW	# 200064814 CUSTOM SEE 3D + 2D
5	Campground Area Playground. Henderson triple cliffhanger, Item #TE029, or equal. INFINITY	LITTLE TIKES SEE PAGE 144	# 200200178 INFINITY TRIPLE
6	Overlook Area Playground. Henderson custom play structure, Model #PF09504Ro, or equal.	LITTLE TIKES SEE PLAN VIEW	# 48300
7	Overlook Area Playground. Henderson spiral slide complete with hood, or equal.	LITTLE TIKES PAGE 112	# 200069468 DURAGLIDE
8	Overlook Area Playground. Henderson single cliffhanger, or equal.	LITTLE TIKES PAGE 107	# 200201099 ROCKHAVERS WAVE

Cooper's Rock State Forest  
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
9	Overlook Area Playground. Henderson accessible step, or (equal)	LTC PAGE 109	# 20000 6976 INCLUDED
10	Overlook Area Playground. Henderson double scoop slide complete with hood, or (equal)	LTC PAGE 113	# 20000 6976 DOUBLE WIDE SLIDE
11	Overlook Area Playground. Henderson left transfer station, or (equal)	LTC PAGE 109	# 2000 16229 TRANSFER
12	Overlook Area Playground. Henderson safety station railings, or (equal)	LTC PAGE 109	# 200200 836 SAFETY RAILS
13	Overlook Area Playground. Henderson tower climber, or (equal)	LTC PAGE 107	# 20000 6999 SNAKE POLE
14	Overlook Area Playground. Henderson maze wheel, or (equal)	LTC RUNG → PAGE 109	# 200200 425 POST MOUNT WHEEL
15	Overlook Area Playground. Henderson custom panel, or (equal)	LTC PAGE 148	# 200200 486 ADA BONGO PANEL
16	Overlook Area Playground. Henderson crooked net link, or (equal)	LTC PAGE 105	# 200200 452 WISHBONE CLIMB
17	Overlook Area Playground. Henderson drum panel, or (equal)	LTC PG 127	# 200200 486 BONGO DRUM
18	Overlook Area Playground. Henderson accessible trapeze beam, or (equal)	LTC NOT IN CATALOG PG 120	# 20020190 THERAPEUTIC RINGS
19	Overlook Area Playground. Henderson paddle power, or (equal)	LTC PG 141	# 20000 13882 SPIN - ROLL RAIL TURN CHAIN
20	Overlook Area Playground. Henderson log roll, or (equal)	LTC PG 140	# 20000 7037
21	Overlook Area Playground. Henderson triple overhead rotator, (or equal)	LTC PAGE 118	# 200127196 TRIPLE FUN WHEEL

Cooper's Rock State Forest  
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
22	Overlook Area Playground. Henderson twin track ride, or equal.	LTL PAGE 118 TWIN	# 200201093 DOUBLE TRACK ELIOL
23	Overlook Area Playground. Henderson 1-bay arch swing 8' complete with belt seats, Model #SW340, or equal.	LTL SEE PAGE 151	# 200122457 ARCH SWING
24	Overlook Area Playground. Henderson arch 8' extend a bay complete with two baby seats, Model #SW341, or equal.	LTL PAGE 151	# 200122501 ADD A BAY

## Cooper's Rock State Forest Playground Equipment

## PRICING SHEET

AS EQUAL WITH LITTLE TIKES

Item No.	Quantity	Description	Unit Price	Amount
1	1	Henderson free standing heavy duty tire swing with top bar, Item #SW101, or equal.	1584 <sup>00</sup>	1584 <sup>00</sup>
2	1	Henderson free standing double spring dino see saw motion toy, Item #MT214, or equal.	1200 <sup>00</sup>	1200 <sup>00</sup>
3	1	Henderson free standing bucking bronco motion toy, Item #MT003, or equal.	510 <sup>00</sup>	510 <sup>00</sup>
4	1	Henderson free standing plastic wave slide and ladder, Item #TS031, or equal.	2266 <sup>00</sup>	2266 <sup>00</sup>
5	1	Henderson free standing triple cliffhanger, Item #TF029, or equal. LTC INFINITY	1830 <sup>00</sup>	1830 <sup>00</sup>
6	1	Henderson Play Structure: Model #PF09504R0, or equal.	17750 <sup>00</sup>	17750 <sup>00</sup>
7	1	Henderson 1-bay arch swing. Swing must be a minimum of eight feet (8') and complete with two (2) belt seats, Model #SW340, or equal.	990 <sup>00</sup>	990 <sup>00</sup>
8	1	Henderson extend a bay swing. Swing must be a minimum of eight feet (8') and extend a bay complete with two (2) baby seats, Model #SW341, or equal.	1266 <sup>00</sup>	1266 <sup>00</sup>
TOTAL				\$27396 <sup>00</sup>

TWENTY SEVEN THOUSAND  
THREE HUNDRED NINETY SIX DOLLARS

8/24/2009 10:30:08 AM

Quote Number: QU0483010000

Project: COOPERS ROCK

QUOTE AND PRICING WILL BE VALID FOR 30 DAYS FROM ISSUE DATE

CAMP GROUND

Qty	Item	Item Description
<i>KB</i>	<i>KID BUILDERS</i>	
1.00	200200282	SWING TIRE 4877MM/16' W/BURIED POSTS KB
1.00	200200178	INFINITY CLIMBER TRI. GROUND-TO-POST F.
<i>Total</i>	<i>KB</i>	<i>KID BUILDERS</i>
<i>KR</i>	<i>KID RIDERS</i>	
1.00	200007457	SPRING RIDER HORSE - TAN/RED
<i>Total</i>	<i>KR</i>	<i>KID RIDERS</i>
<i>LITR</i>	<i>LITERATURE</i>	
5.00	200104307	LABEL AGE APP. (5 TO 12 YRS.)
<i>Total</i>	<i>LITR</i>	<i>LITERATURE</i>
<i>PB</i>	<i>PLAYBUILDER</i>	
4.00	200101174	POST W/CAP F/PB 3690/145.3"
1.00	100005274	PB SQUARE DECK
1.00	200064814	SLIDE WAVE SGL.WD. 1625MM F/PB
1.00	200065602	PB STEPLADDER 64"/1625MM
2.00	200054618	PB SAFETY RAIL LONG W/O MT
<i>Total</i>	<i>PB</i>	<i>PLAYBUILDER</i>
<i>SP</i>	<i>KB /KK /WB/ PB</i>	
5.00	200111492	LABEL, IDENTIFICATION STAMPED W/RIVETS
<i>Total</i>	<i>SP</i>	<i>KB /KK /WB/ PB</i>
<i>TM</i>	<i>TIKES IN MOTION</i>	
1.00	100011361	DRAGONFLY, NATURAL
<i>Total</i>	<i>TM</i>	<i>TIKES IN MOTION</i>

Grand Total

This playground contains 31.84% recycled content.

This playground qualifies for 2 LEED points.

8/24/2009 9:30:07 AM

Quote Number: QU0483000000

Project: COOPER OVERLOOK SITE

QUOTE AND PRICING WILL BE VALID FOR 30 DAYS

*Overlook*

Qty	Item	Item Description
<i>KB</i>	<i>KID BUILDERS</i>	
1.00	200013795	KB 10' GALV POST WITH PLASTIC CAP
13.00	200013798	KB 136" GALV POST WITH PLASTIC CAP
2.00	200013808	KB 8' GALV POST WITH PLASTIC CAP
3.00	200013810	KB 148" GALV POST WITH PLASTIC CAP
3.00	200013813	KB 4165/164" GALV POST WITH PLASTIC CAP
1.00	200013896	DECK 1/2 SQUARE KB
1.00	200013893	DECK SQUARE KB LARGE HOLE
1.00	200013894	DECK TRIANGLE KB
1.00	200016229	TRANSFER STATION 1220 F/KB
1.00	200125540	STEPS DECK/DECK 610 MM W/SFTY RAILS F/K
1.00	200006976	SLIDE DBL.WD. 1220 MM/48" KB
1.00	200069468	SLIDE DURAGLIDE 8 SEGMENT F/KB <i>SPIRAL</i>
1.00	200200452	WISHBONE 6' SGL. F/KB
1.00	200006999	POLE SNAKE 1625 MM/64" KB
1.00	200201099	ROCK CHALLENGE WALL 1829MM KB
1.00	200201090	KB THERAPEUTIC RINGS
2.00	200201093	KB TRACK RIDE 2440MM/8'
1.00	200013892	RAIL SINGLE KB
1.00	200127196	KB 12' FUNWHEEL
1.00	200200486	BONGO PANEL LFT.MT. KB
1.00	200200425	KB POST MOUNT ALUM. STEERING WHEEL
2.00	200245768	ASSY RAIL MT.ALUM.STEER.WHL. RED
1.00	200007037	LOG ROLL W/HAND LOOPS KB
1.00	200200836	KB SAFETY RAIL F/HALF SQ DK W/WHL DKMT
1.00	200122457	SWING ARCH SGL. BAY (8') W/2 BELT F/KB
1.00	200122501	SWING ARCH ADD-ON (8') W/2 TOT F/KB

Total KB KID BUILDERS

LITR LITERATURE

7.00 200104307 LABEL AGE APP. (5 TO 12 YRS.)

Total LITR LITERATURE

SP KB /KK /WB/ PB

3.00 200111492 LABEL, IDENTIFICATION STAMPED W/RIVETS

Total SP KB /KK /WB/ PB

Grand Total

This playground contains 32.26% recycled content.

This playground qualifies for 2 LEED points.



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 PEAK GROUND SERVICES

Authorized Signature:

James Brundet

Date:

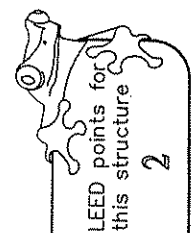
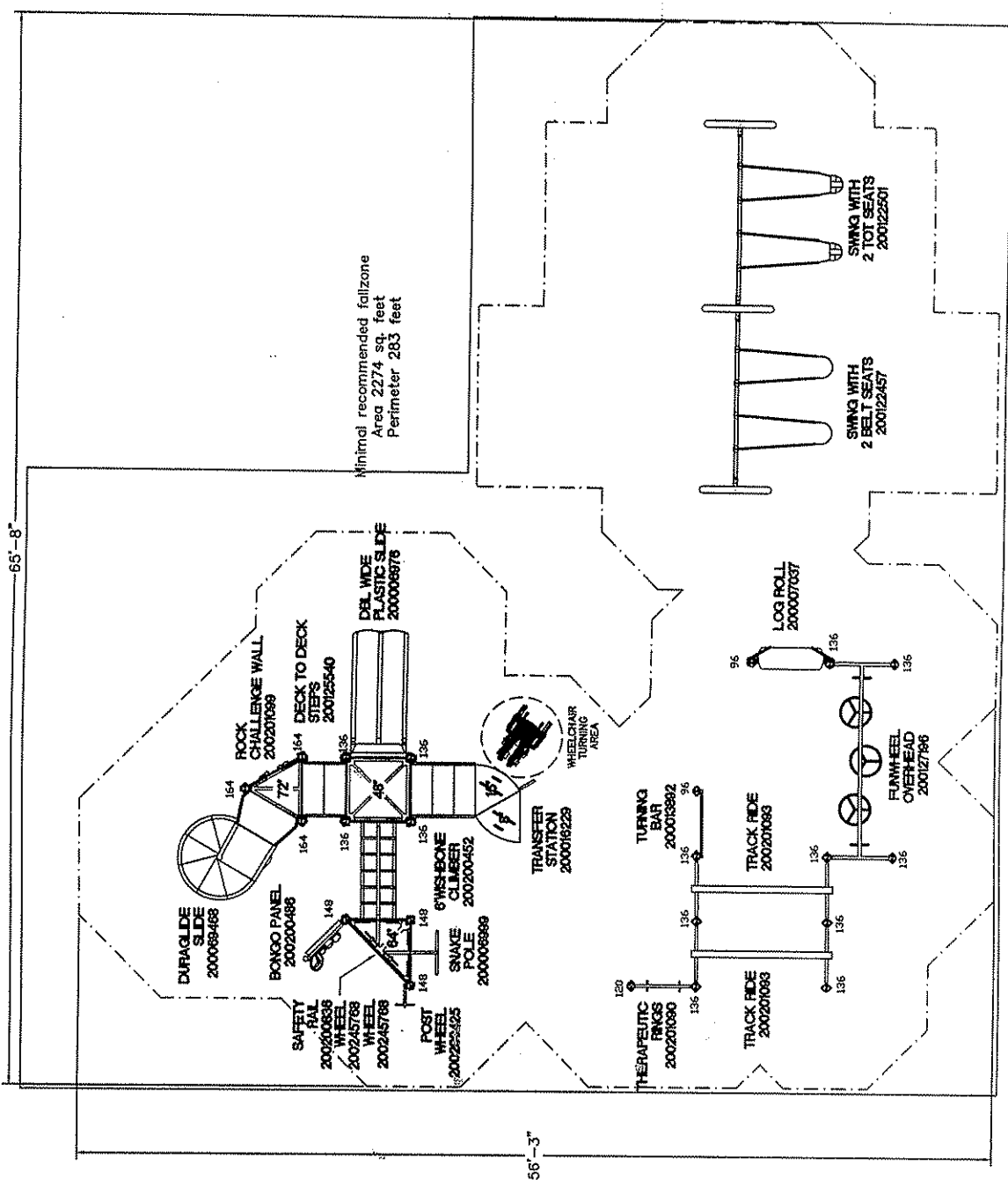
8-31-09



Playgrounds Fun & Easy!

Project: Coopers Overlook Site	Kid Builders:	Drawn by: Gabe Lindsey	LTCPS - Farmington
LTCPS rep: Bob Charles	Post Material: Galvanized	Date: 8/24/2009	One Iron Mountain Drive
Virginia Playground Services	Post Color: Burgundy	DWG Name: QU048300	Farmington, Missouri 63640
	Accent Color: Tan	Scale: 1/8"=1'	Voice: 1-800-325-8828
	Panel Color: Tan	Approved by:	Fax: 573-756-0319
	Slide Color: Tan		
	Roof Color: None		
	Hex Wedge: None		
	Hex Rib: None		
	Mounting: Buried		

OVERLOOK SITE

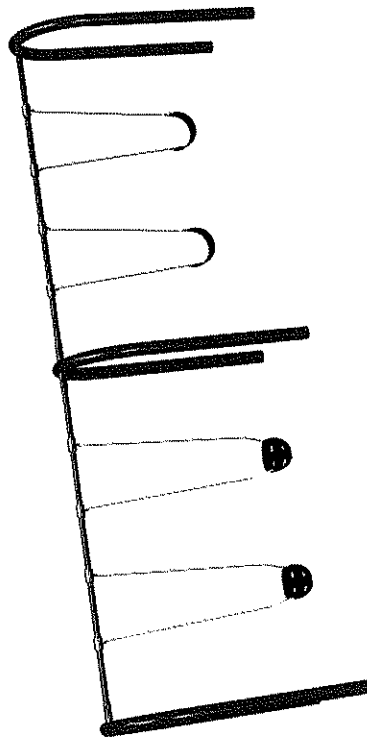
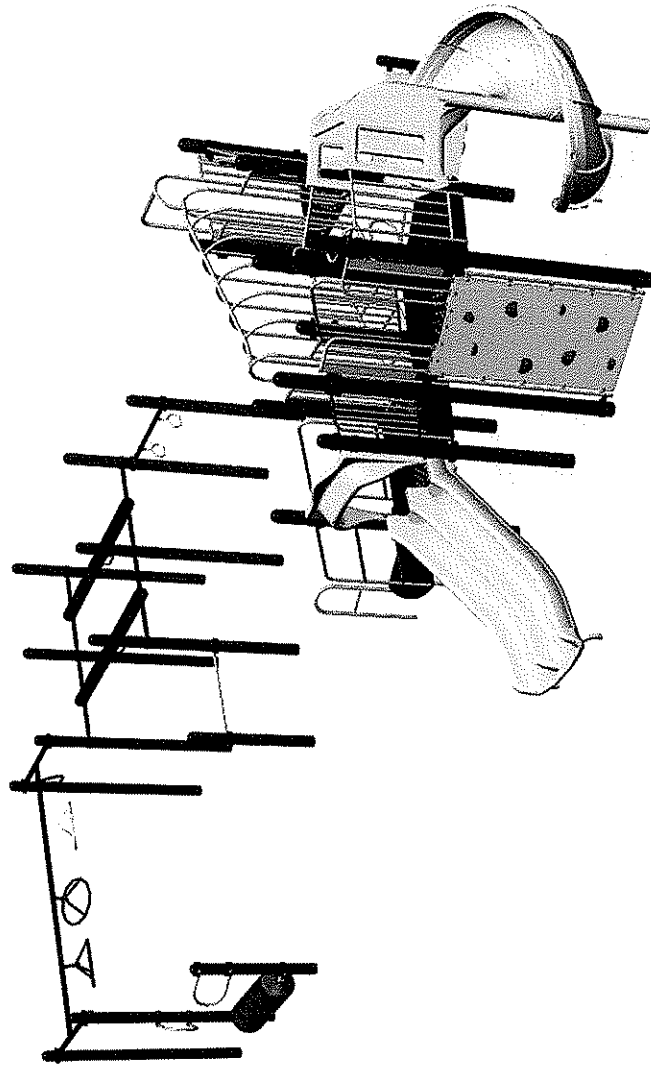


The play components identified in this plan are IPEMA certified. The use and layout of these components conform to the requirements of ASTM F1487.



☒ This playground design meets the final Access Board Regulations.

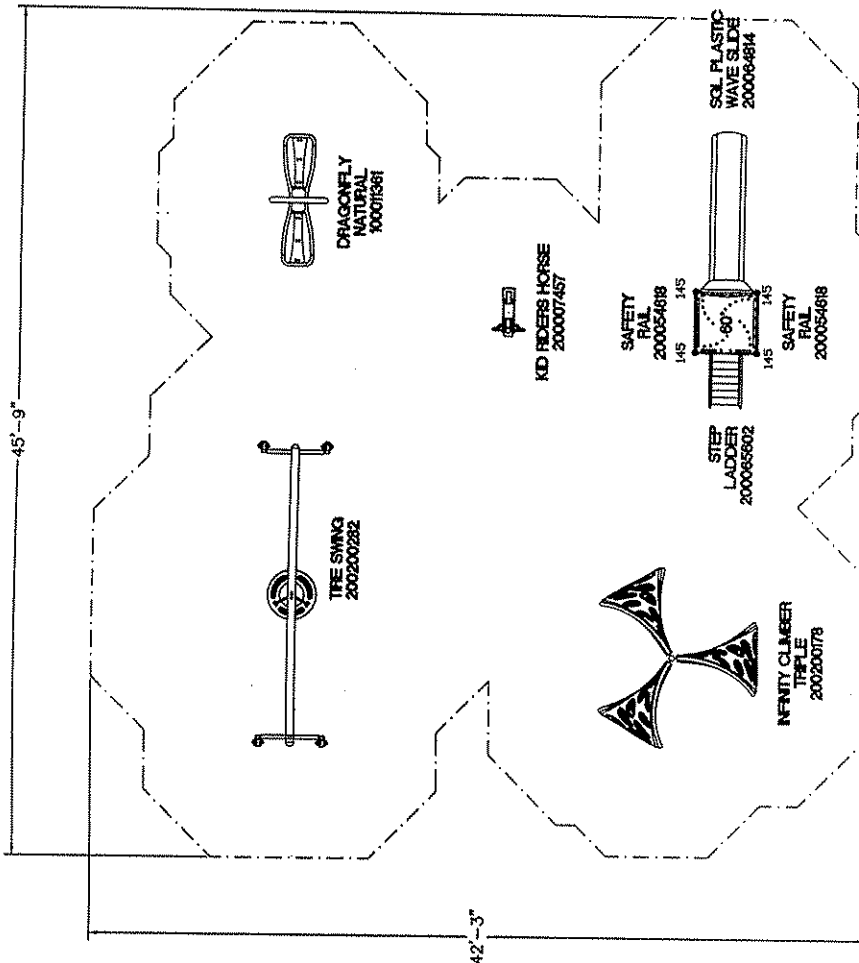
ASTM F1487 - Playground Equipment for Public Use. CPSC Handbook for Public Playground Safety



OVERLOOK SITE



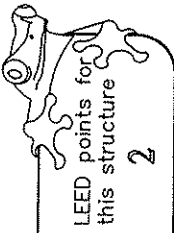
Playgrounds Fun & Easy!



Minimal recommended foliozone  
Area 1567 sq. feet  
Perimeter 195 feet

Campground  
SITE

Project: Cooper Rock Campground LTCPS rep: Bob Charles Virginia Playground Services	Kid Builders: Post Material: Galvanized Post Color: Forest Green Accent Color: Tan Panel Color: None Slide Color: None Roof Color: None Hex Wedge: None Hex Rib: None Mounting: Buried	Play Builders: Post Color: Forest Green Accent Color: Tan Panel Color: None Slide Color: Tan Roof Color: None Mounting: Buried	Kid Riders: Mounting Type: Inground	Drawn by: Gabe Lindsey Date: 8/24/2009 DWG Name: QU048301 Scale: 1/8"=1' Approved by:	LTCPS - Farmington One Iron Mountain Drive Farmington, Missouri 63640 Voice: 1-800-325-8828 Fax: 573-756-0319
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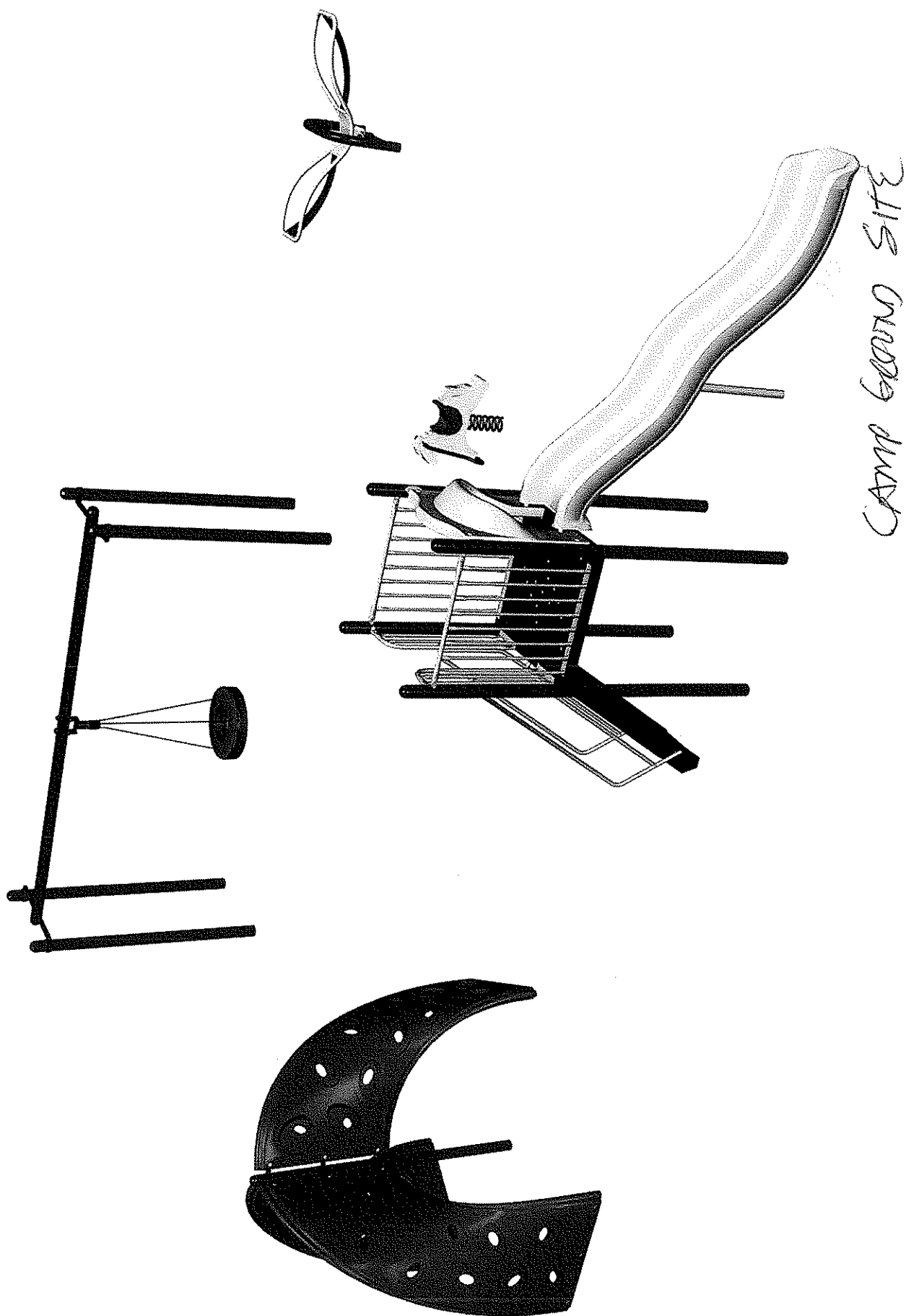
The play components identified in this plan are IPEDAA certified. The use and layout of these components conform to the requirements of ASTM F1487.



☒ This playground design meets the final Access Board Regulations.

ASTM F1487 - Playground Equipment for Public Use.  
CPSC Handbook for Public Playground Safety







## Little Tikes Commercial Equipment

Jim Benedict P.O. 1494  
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434 249 2158 ( cell )

434 296 3289 ( fax )



*KRYSTA FERRELL*

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

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~~ 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

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

\* LTC POST SYSTEM 5" INCH O.D.  
ROUND

SEE SAW - 2 SEAT

DRAGONFLY) as Buckabout and Teeter and See-Saw wings are to be fabricated from 48.3 mm (1.90") O.D. 11 gauge pre-galvanized tubing with a 33.4 mm (1.3") O.D. cross bar. The seat is to be 16 gauge sheet steel coated per PPLT PVC Specifications. The wings rest on two 3/8" steel plate supports. The Dragonfly Stand is to be fabricated from 88.9 mm (3.5") O.D. pre-galvanized tubing and a 1/2" steel plate for the spring to attach to. The Dragonfly spring shall be a two way torsion rubber spring. Two 3/8" steel plates provide positive stops for a 38.1 mm (1.5") square axel bar which the dragonfly rotates about. The wing assembly and stand assembly are to be painted per PPLT PAINT Specifications.

SPRING TOY bumble Bee, Grasshopper, Horse, Whale Rider Body: The rider body is a rotationally molded figure or mold positive supported by a body frame. Wall thickness of molded components shall be 3/16" to 1/4". The body frame shall consist of front and/or rear supports constructed of 1-1/2" tube and/or of 2" x 2" x 1/4" angle, a cross member constructed of 1-1/4" pipe, handholds of 1" (1" O.D.) 15 ga. tube and/or Gator Grip, a cross brace of 1-1/2" x 1-1/2" x 3/16" angle and Gator Grip, a mount of 1/4" x 1-1/2" flat or 1/4" plate, and a base and gussets constructed of 7 ga. sheet, all solid welded. Model # 960 is shaped like a ladybug, and Model # 961 is shaped like a bumblebee. The "C" springs shall be constructed of 3/8" or 7/16" spring steel, 4" wide by approximately 41-1/2" long, bent 180 degrees to form a large "C". Security plate and spacers shall be constructed of 1/4" flat sheet. Anchor bolts shall be 1/2"-13 x 12" mechanically galvanized steel with 2" of threads running from the end and a 90 degree bend at approximately 1-1/4" from the opposite end. All hardware shall be fastener style A. The rider bodies shall have color molded in. The Lady Bug shall have molded in color for the spots and molded in decals for the eyes. The BumbleBee shall have molded in black color for the stripes, and molded in decals for the eyes. Handholds shall have a galvanized finish. The "C" springs, security plates, and spacers shall be finished in powdercoat

KID BUILDERS™ TIRE SWING beam and uprights shall be fabricated from 127 mm (5") O.D. 11 gauge pre-galvanized steel. The molded tire shall contain a steel re-inforcement ring fabricated from 33.4 mm (1.312") 14 gauge pre-galvanized steel tubing. The steel components shall be painted per PPLT PAINT Specification. Tire Swings shall be rotationally molded per PPLT ROTO Specification. Swing chains shall be 4/0 straight link galvanized steel coated per PPLT PVC Specification. The tire swing mounting hardware shall include an automotive-type U-joint assembly protected by a rubber bellows and a turning collar with grease fitting provided.



**Kid Builders™ 8' (2.4 m) Arch Swings** beam shall be fabricated from 60 mm 5 gauge pre-galvanized steel tube bent into an arch. Uprights shall be 3.5 inch O.D. The beam and uprights shall have a baked-on electrostatically applied polyester dry powder coating. Anti Wrap-over swing bearings (U.S. Patent 6,123,480) shall be fabricated from sand cast bronze with injection molded nylon plastic. Swing chains shall be 4/0 straight link galvanized steel.. OR Stainless steel when specified. 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. All other connecting hardware shall be stainless steel.

**Standard Belt Swing Seats** shall be rubber with a tempered steel insert molded inside, rendering them slashproof. Swing chains shall be 4/0 straight link galvanized steel. OR stainless steel when specified.

**Tot Swing Seats** shall be heavy duty construction, fabricated from black rubber with a tempered steel insert molded inside, rendering them slashproof. Tot seat shall be fully enclosed to prevent slipping out and provide lower back support. Two sizes of leg cutouts make this seat versatile enough to accommodate larger children with special needs also. Swing chains shall be 4/0 straight link galvanized steel. OR stainless steel when specified,

**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.

## **LTC. Little Tikes Commercial.Product Warranty Statement.**

### **Full One-Year Warranty**

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

### **Limited 100-Year Warranty**

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

### **Limited 100-Year Warranty**

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

### **Limited 50-Year Warranty**

On the performance of Landsoft<sup>a</sup> Rubber Mulch safety surfacing.

### **Limited 15-Year Warranty**

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

### **Limited 15-Year Warranty**

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

### **Limited 10-Year Warranty**

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

### **Limited 10-Year Warranty**

On Landsoft<sup>a</sup> Rubber Mulch color steadfastness.

### **Limited 8-Year Warranty**

On the performance and appearance of Landsoft<sup>a</sup> Synthetic Turf safety surfacing. Please contact your local representative for more information.

### **Limited 5-Year Warranty**

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

### **Limited 3-Year Warranty**

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

### **Limited 3-Year Warranty**

On KidTiles<sup>®</sup>, KidTimbers<sup>®</sup>, Border Panels, RockTimbers<sup>®</sup> and all KidRiders<sup>®</sup> products (excluding spring assemblies) against structural failure due to defects in materials and workmanship.

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

### **Additional PPLT Policies**

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

### **Pricing**

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

### **Specifications**

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

### **Loss or Damage on Transit**

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

### **Cancellations and Returns**

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

### **Replacement Parts**

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

X COMPLETE

ORIGINAL KB

5" O.D. POST

## KID BUILDERS™ SPECIFICATIONS

**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 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.

**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 (7 gauge) 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") 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.