



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
DNR209038

PAGE
1

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

VENDOR

RFQ COPY

TYPE NAME/ADDRESS HERE

*VA. PLAYGROUND SERVICES AND
 LITTLE TIKES COMMERCIAL FACTORY
 14276 RIVERSIDE DRIVE
 ASHLAND, VA. 23005*

SHIP TO

DIVISION OF NATURAL RESOURCES
 CARNIFEX FERRY BATTLEFIELD
 ATTN: PARK SUPERINTENDENT
 1194 CARNIFEX FERRY ROAD
 SUMMERSVILLE, WV
 26651 304-872-0825

DATE PRINTED 09/10/2008	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: 10/09/2008		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		\$ 49,276.00
PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED) REQUEST FOR QUOTATION THE WEST VIRGINIA STATE PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS TO PROVIDE THE AGENCY WITH LABOR AND MATERIALS TO PROVIDE PLAYGROUND EQUIPMENT FOR CARNIFEX FERRY BATTLEFIELD STATE PARK PER THE ATTACHED SPECIFICATIONS. A WALK THROUGH OF THE SITE WILL BE HELD ON MONDAY, SEPTEMBER 29, 2008 AT 1:00 PM FOR ALL INTERESTED PARTIES. ALL VENDORS ARE RESPONSIBLE FOR BEING FAMILIAR WITH THE SITE. TECHNICAL QUESTIONS CONCERNING THIS PROJECT MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WEST VIRGINIA PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR TECHNICAL QUESTIONS IS WEDNESDAY OCTOBER 1, 2008 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS IF ANY, WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE. QUESTIONS CONCERNING THE ACTUAL 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.						

*MFB
10-15-08*

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PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>James Benedict</i>	TITLE AGENT	TELEPHONE 457-2492198	DATE 10-13-08
ADDRESS CHANGES TO BE NOTED ABOVE			

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

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

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

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 FOB 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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 Department of Administration
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ADDRESS CORRESPONDENCE TO ATTENTION OF:
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VENDOR

SHIP TO

DIVISION OF NATURAL RESOURCES
 CARNIFEX FERRY BATTLEFIELD
 ATTN: PARK SUPERINTENDENT
 1194 CARNIFEX FERRY ROAD
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>EXHIBIT 5</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 90 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 WAG RATES AS ESTABLISHED FOR NICHOLAS COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>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.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO</p>						

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				ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000. <input type="checkbox"/> 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. <input checked="" type="checkbox"/> 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 ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND. <input type="checkbox"/> 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,		

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<p>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.</p> <p>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 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>						

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				EXHIBIT 9		
				NOTICE FOR ISSUANCE & ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA		
				THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:		
				(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.		
				(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID 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		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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ADDRESS CORRESPONDENCE TO ATTENTION OF:
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304-558-2316

RECORD

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 1194 CARNIFEX FERRY ROAD
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BID OPENING DATE: **10/09/2008** BID OPENING TIME **01:30PM**

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<p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NOS. :</p> <p>NO. 1 <i>MJB-10-12-08</i></p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p> <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> AGENT SIGNATURE</p> <p><i>VA PLAYGROUND SERVICE AND LLC</i> COMPANY</p> <p><i>WHITE TILES COMMERCIAL</i> COMPANY</p> <p><i>OCTOBER 13, 2008</i> DATE</p>						

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DIVISION OF NATURAL RESOURCES
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REV. 11/96						
CONTRACTORS LICENSE 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. WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID. BIDDER TO COMPLETE: <i>OUR LABOR SUBCONTRACTOR IS</i> CONTRACTORS NAME: <i>ALTIZER CONTRACTING LTD.</i> CONTRACTORS LICENSE NO.: <i>WV 039810</i> THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT APPLICABLE LAW THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.						

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<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, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: FRANK WHITTAKER-FILE 44</p> <p>REQ. NO.: DNR209038</p> <p>BID OPENING DATE: OCTOBER 09, 2008</p>						

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VENDOR ROOM

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BID OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <i>434 296 3289</i> ----- PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE: <i>M. JAMES BENEDICT (JM)</i> ----- ***** THIS IS THE END OF RFQ DNR209038 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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CARNIFEX FERRY STATE PARK PLAYGROUND SPECIFICATIONS - CONTD.

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

★
SEE
COVER
LETTER
ATTACHED

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

Vendors must submit the following attachments:

ATTACHED
ATTACHED
SEE
LETTER
ATTACHED →

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

Warranties:

COPY
ATTACHED

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

The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.

Vendors must have a familiarity with the proposed areas for which the playground equipment is to be purchased. Owner will conduct a site walk through on September 29, 2008, at 1:00 p.m. for interested parties.




"AS EQUAL" VPS-LTC FOR GAMETIME

Item No.	Quantity	Description	Unit Price	Amount
		VPS-LTC PLAYGROUND SERVICES AND INSTALLATION COMMERCIAL To supply and install playground equipment to offer play activities for children ages five (5) to twelve (12) at Carnifex Ferry, Summersville, West Virginia. The equipment will include the following items:		
1	1	VPS-LTC ASEQUAL TO GAMETIME GameTime upright or equal. Upright must be approximately 5", must be plastic coated and must be brown in color. PLAY STRUCTURE	\$	26,424 ⁰⁰
2	7	VPS-LTC ASEQUAL GameTime decks or equal. Decks must be approximately 49" and must be brown in color.		7-
3	2	VPS-LTC ASEQUAL GameTime slide or equal. Slide must be approximately 6' high, must be a minimum of 270 degree and must be green in color.		2-
4	1	VPS-LTC ASEQUAL GameTime slide or equal. Slide must be approximately 3' high, must be straight and must be green in color.		1-
5	1	VPS-LTC ASEQUAL GameTime(ADA) transition step or equal. Step must be approximately 3' and must be beige in color.		1-
6	3	VPS-LTC ASEQUAL GameTime overhead climbers (various types) or equal. Climbers must be beige in color.		3-
7	3	VPS-LTC ASEQUAL GameTime overhead climber access ladders or equal. Ladders must be beige in color.		3-
8	1	VPS-LTC ASEQUAL GameTime offset archway or equal. Archway must be beige in color.		1-
9	1	VPS-LTC ASEQUAL GameTime ribbon style rock wall climber or equal. Climber handleholds must be beige or grey in color.		1-
10	1	VPS-LTC ASEQUAL GameTime enclosure panel or equal. Panel must be beige in color.		1-
11	1	VPS-LTC ASEQUAL GameTime curved bridge or equal. Bridge must be 8' long.		1-

Item No.	Quantity	Description	Unit Price	Amount
12	1	VA PLAYGROUND SERVICES LTC Game Time transfer platform or equal Platform must be brown in color.		1-
13	4	VA PLAYGROUND SERVICES LTC Game Time vertical climbers or equal.		4-
14	1	VA PLAYGROUND SERVICE LTC Game Time ground level net climber or equal.		1-
15	3	VA PLAYGROUND SERVICES LTC Game Time various ground level items or equal		1,738-
16	1	VA PLAYGROUND SERVICE LTC Game Time 3-level chinning bar, Model #P33, or equal. Bar must be beige in color.	503 ⁰⁰	503 ⁰⁰
17	1	VA PLAYGROUND SERVICES LTC AS EQUAL Game Time sky runner, Model #6200, or equal. Runner must be beige in color.	1,764 ⁰⁰	1,764 ⁰⁰
18	2	VA PLAYGROUND SERVICE LTC AS EQUAL Game Time in-ground expanded metal benches with back, Model #12584, equal. Benches must be brown in color.	281 ⁵⁰	563 ⁰⁰
19	1	AS EQUAL - LITTLE TIKES VA PLAYGROUND SERVICES ARCH SWING Game Time , swing set with four (4) belt seats and two (2) child seats, Model #12584, or equal.	3,275 ⁰⁰	3,275 ⁰⁰
20	1	Installation of items 1 through 20 Prevailing wage rates are to be paid for Nicholas County, West Virginia (http://www.wvsos.com/adlaw/wagerates/heavyhighway/heavyhighway08/allhh.pdf). Installation must be completed within nine (90) days of purchase order award.	10,222	10,222 ⁰⁰
21	4,697 Sq. Ft.	WOODCARPET ZEAGER BRAND Engineered wood fiber @ 8" compacted depth, or equal (no installation)	.72/SF	3,382 ⁰⁰
22	1 Roll (1,125 Sq. Ft.)	PROPEX GEOTEX BRAND Geo-textile felt or equal (no installation)	.25/SF	282 ⁰⁰
23	2 Rolls 2,250 Sq. Ft.	PROPEX GEOTEX BRAND Geo-textile felt or equal (no installation)	.25/SF	1,124 ⁰⁰

Item No.	Quantity	Description	Unit Price	Amount
24	1	F.O.B. Destination Freight and/or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.	1-	1 ⁰⁰
			TOTAL	


 \$ 49,276⁰⁰
 WAB
 10-15-08

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

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

ANTITRUST:

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

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

LICENSING:

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

CONFIDENTIALITY:

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

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

Vendor's Name: VA PLAYGROUNDS & LITTLE TIKES - VENDOR ID APPLICATION
Authorized Signature: [Signature] COMMERCIAL AGENT Date: 10-12-08
IN PROGRESS

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

Bond No. N/A

KNOW ALL MEN BY THESE PRESENTS, that we

(Here insert full name and address or legal title of Contractor)

PlayPower LT Farmington, Inc. formerly known as Little Tikes Commercial Play Systems One Iron Mountain Drive, Farmington, MO 63640 as Principal, hereinafter called the Principal, and

(Here insert full name and address or legal title of Surety)

Travelers Casualty and Surety Company of America One Tower Square, Hartford, CT 06183-6014

a corporation duly organized under the laws of the State of Connecticut as Surety, hereinafter called the Surety, are held and firmly bound unto

(Here insert full name and address or legal title of Owner)

State of West Virginia Division of Natural Resources, 1194 Carnifex Ferry Road, Summersville, WV 26651

as Obligee, hereinafter called the Obligee, in the sum of

Five Percent of Amount Bid

Dollars (\$ 5% of Amount Bid),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents

WHEREAS, the Principal has submitted a bid for

(Here insert full name address and description of project)

Project No. 209038; Furnish and Install Playground Equipment, Safety Surface, and Borders at Carnifex Ferry State Park

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount, for which the Obligee may in good faith contract with another party to perform the Work covered by said bid then this obligation shall be null and void otherwise to remain in full force and effect

Signed and sealed this 9th

day of October

2008

Valeria Callaway (Witness)

PlayPower LT Farmington, Inc. formerly known as Little Tikes Commercial Play Systems

VP, D. R. - C. T. K. of FINANCE (Principal) (Seal) (Title)

Travelers Casualty and Surety Company of America

Cynthia L. Hanak (Surety) (Seal) (Title)

Cynthia L. Hanak, Attorney-In-Fact

Sandra L. Ham (Witness)

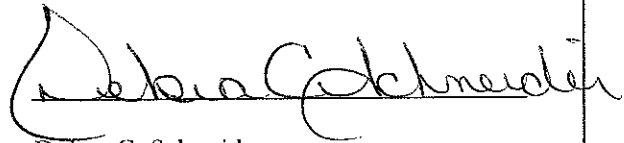
ACKNOWLEDGMENT BY SURETY

STATE OF Missouri }
County of St. Charles } ss

On this 9th day of October, 2008, before me personally appeared Cynthia L. Hanak, known to me to be the Attorney-in-Fact of Travelers Casualty and Surety Company of America

_____, the corporation that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.



Debra C. Schneider
Notary Public in the State of Missouri
County of St. Charles

My Commission Expires: November 5, 2011

(Seal)

DEBRA C. SCHNEIDER
Notary Public/Notary Seal
State of Missouri
St. Charles County
COMMISSION #07419088
My Commission Expires: 11/05/2011



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
Seaboard Surety Company
St. Paul Fire and Marine Insurance Company

St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Surety Bond No. N/A

Principal: PlayPower LT Farmington, Inc. formerly known as Little Tikes Commercial Play Systems

OR

Project Description: Project No. 209038; Furnish and Install Playground Equipment, Safety Surface, and Borders at Carnifex Ferry State Park

Obligee: State of West Virginia

KNOW ALL MEN BY THESE PRESENTS: That Seaboard Surety Company is a corporation duly organized under the laws of the State of New York, that St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Cynthia L Hanak of the City of St. Louis, State of Missouri, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 11th day of August, 2006

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
Seaboard Surety Company
St. Paul Fire and Marine Insurance Company

St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut

City of Hartford ss.

By: [Signature]
George W. Thompson, Senior Vice President

On this the 11th day of August, 2006, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer

In Witness Whereof, I hereunto set my hand and official seal

My Commission expires the 30th day of June, 2011.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is


FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached

I, Kori Johanson, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked

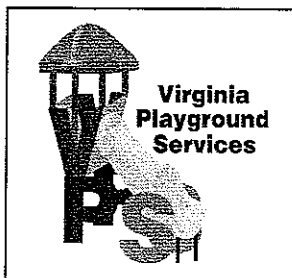
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 9th day of October, 2008.


Kori M. Johanson, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at stpaultravelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

RE DNR 209038
CARNIFEX FERRY
STATE PARK
PLAYGROUND



Va. Playground Services
Little Tikes Commercial Equipment
Jim Benedict P O. 1494
1607 East Market Street
Charlottesville, VA. 22902
jim@vaplaygrounds.com
434 249 2158 (cell)
434 296 3289 (fax)



COVER
LETTER
OF
COMPLIANCE
WITH ASTM
CPSC
ADA

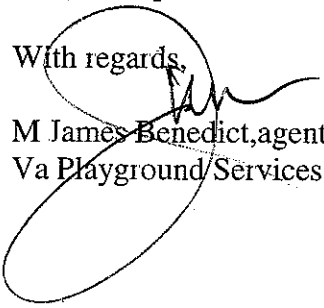
Frank Whittaker
Purchasing Division
State of West Virginia
Department of Administration
2019 Washington St.
Charleston, WV 25305

October 8, 2008

RE. DNR Playground RFP

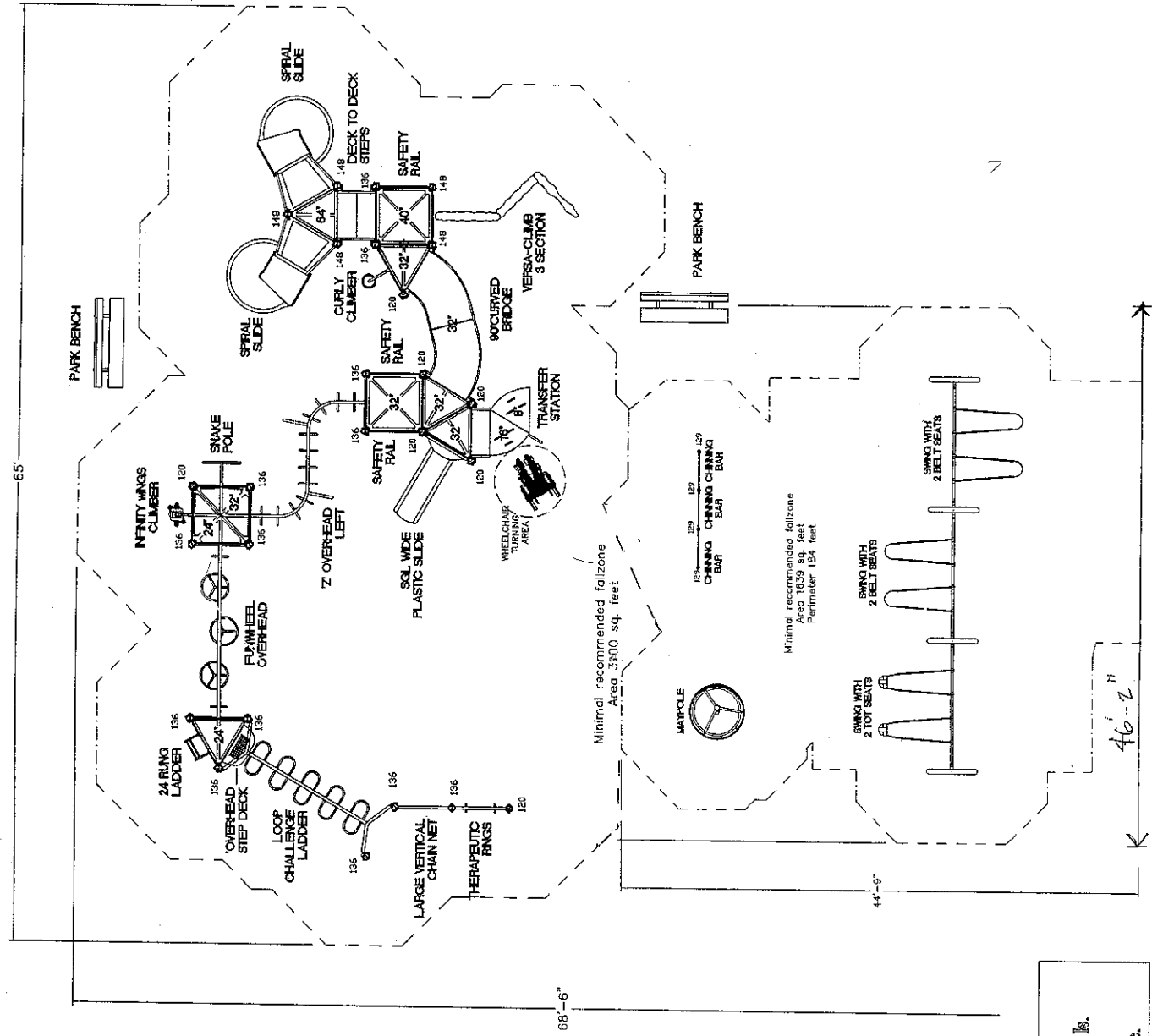
To whom it may concern,

This letter and supporting bid documents represent our reply and price quote for the DNR Playground RFP for the referenced park site. We are quoting "as equal and better" to the specifications and item list indicated in this RFP. Our product is manufactured by Little Tikes Commercial factory, hereafter "LTC". This bid is offered by the factory by and thru the local WV agent Va. Playground Services. We state that we comply fully with all requirements for ASTM 1487 and CPSC 325 and ADA and IPEMA third party guidelines. We have attempted to meet the specifications and stated requirements and drawings showing play events. Plan views and 3D renderings are attached. Our actual items list has been notated to indicate our intended "as equal and better" LTC equipment in place of vendor named in specs. Our post system is 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 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

GENERAL NOTES

1. The Americans with Disabilities Act (ADA) may require that you make your park and/or playground accessible when viewed in its entirety. Please consult your legal counsel to determine the applicable requirements.
2. For playground equipment to be considered accessible, accessible surfacing must be utilized in applicable areas.
3. Although a particular playground design may not meet this requirement, it may be possible to modify the design to meet the applicable number of ground level elements. The contractor playground may be in compliance when considering existing play components.
4. All heights are measured from top of ground cover.
5. Fall absorbent ground cover is required under and around all play equipment.
6. The minimum recommended fall zone around the entire structure is shown. This zone is to be free of all obstructions (trees, rocks, posts, borders, material, etc.).
7. This playstructure(s) meets the performance and safety requirements of ASTM for children 5-12 years old. Not all heights, L₅₀ represents a 55 inch post.
8. All post lengths are identified by text showing the post height. The height of each post may be found by subtracting the lowest deck from the highest deck to which the deck-to-deck enclosure panel mounts.



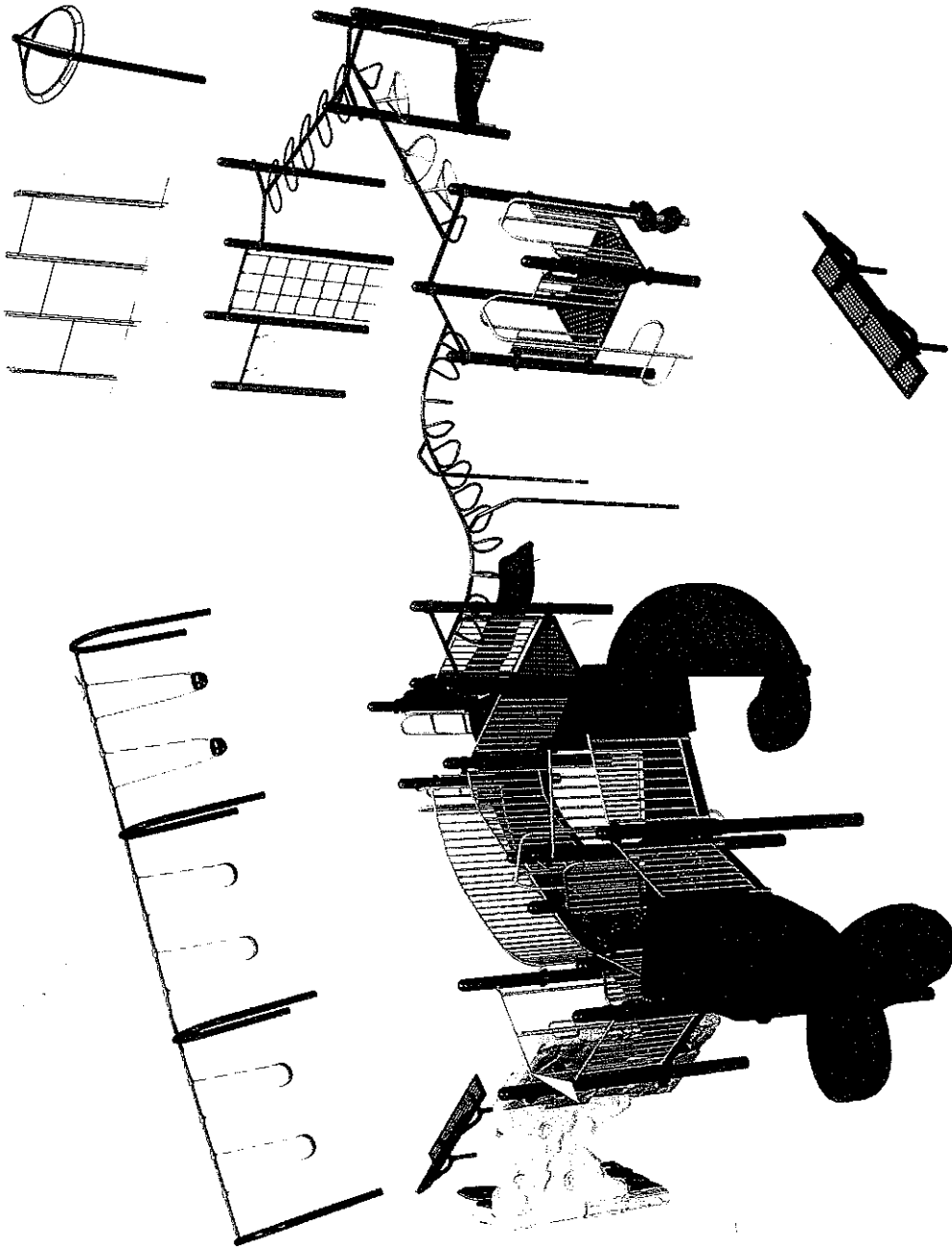
Project: C Ferry State Park LTCPS rep: Bob Charles Virginia Playground Services	Kid Builders: Post Material: Galvanized Post Color: Forest Green Accent Color: Brown Panel Color: Tan Slide Color: Forest Green Roof Color: None Hex Wedge: None Hex Rib: None Mounting: Buried	Drawn by: Gabe Lindsey Date: 10/10/2008 DWG Name: QU044765 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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Playground Layout Compliance:
 This playground design meets the final Access Board Is.
 CPSC Handbook for Public Playground Safety
 ASTM F1487 - Playground Equipment for Public Use.





Project: Carnifex
LTCPS rep: Bob Charles Virginia Playground Services
Kid Builders: Post Material: Galvanized Post Color: Brown Accent Color: Tan Panel Color: Tan Slide Color: Forest Green Roof Color: None Hex Wedge: None Hex Rib: None Mounting: Buried
Play Builders: Post Color: Brown Accent Color: Tan Panel Color: None Slide Color: None Roof Color: None Mounting: Buried
Drawn by: Bill Weber Date: 10/09/08 DWG Name: QU044746 Scale: 1/10"=1' Approved by:
LTCPS - Farmington One Iron Mountain Drive Farmington, Missouri 63640 Voice: 1-800-325-8828 Fax: 573-756-0319



- Playground Layout Compliance:
- ✓ This playground design meets the final Access Board R
- ✓ CPSC Handbook for Public Playground Safety
- ✓ ASTM F1487 - Playground Equipment for Public Use.



LTC. Little Tikes Commercial Product Warranty Statement.

Full One-Year Warranty

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

Limited 100-Year Warranty

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

Limited 100-Year Warranty

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

Limited 50-Year Warranty

On the performance of Landsaft^a Rubber Mulch safety surfacing

Limited 15-Year Warranty

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

Limited 15-Year Warranty

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

Limited 10-Year Warranty

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

Limited 10-Year Warranty

On Landsaft^a Rubber Mulch color steadfastness

Limited 8-Year Warranty

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

Limited 5-Year Warranty

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

Limited 3-Year Warranty

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

Limited 3-Year Warranty

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

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

Additional PPLT Policies

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

Pricing

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

Specifications

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

Loss or Damage on Transit

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

Cancellations and Returns

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

Replacement Parts

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

Chinning Bars will be designed to clamp to ^{Four}~~three~~ posts fabricated from 127 mm (5") O.D. pre-galvanized steel tube. One of which shall be 4.04 m (13'3") and shared by the jump bar. The remaining two bars shall be 3.35 m (11'). Chinning bars shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tube. All steel tube components shall comply with ASTM standards: A-500, or A-513. 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. After fabrication, all these components shall have a baked-on electrostatically applied polyester dry powder coating.

MAYPOLE.as equal to Skyrunner. shall have loops welded to a center support beam fabricated from 3.5 inch or 5 inch 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.

10/14/2008 7:50:17 AM

CARM FOX

Quote Number: QU0447650000

Project: C FERRY STATE PARK

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

Qty	Item	Item Description	rs)
FGDS	FINISHED		
2.00	200007704	HDWR BAG F/CLAMP ELIMINATION (MM)	
Total	FGDS	FINISHED	
KB	KID BUILDERS		
7.00	200013795	KB 10' GALV POST WITH PLASTIC CAP	
13.00	200013798	KB 136' GALV POST WITH PLASTIC CAP	
5.00	200013810	KB 148' GALV POST WITH PLASTIC CAP	
2.00	200013896	DECK 1/2 SQUARE KB	
2.00	200013893	DECK SQUARE KB LARGE HOLE	
5.00	200013894	DECK TRIANGLE KB	
1.00	200200100	BRIDGE 90DEG. KB 8' W/SAFETY RAILS	
1.00	200201300	KB TRANSFER STATION 812MM	
1.00	200125538	STEPS DECK/DECK 610 MM W/GUARDRAILS F/K	
1.00	200201023	SLIDE WAVE KB 812 MM/32	
2.00	200122438	SLIDE SPIRAL KB 1625/64 (2007)	
1.00	200014954	LADDER RUNG 610 MM W/SAFETY LOOP KB	
1.00	200201120	KB LARGE VERT CHAIN NET CLMBR FREESTD	
1.00	200200265	CLIMBER CURLY 915MM/36' KB_(2004)	
1.00	200006997	POLE SNAKE 915 MM/36' KB	
1.00	200200640	VERSA-CLIMB ROCKWALL F/KB 3 SECTION	
1.00	200073078	LOOP CHALLENGE LADDER KB	
1.00	200108095	OVERHEAD Z' LEFT F/KB	
1.00	200201090	KB THERAPEUTIC RINGS	
1.00	200065763	OVERHEAD STEP DECK F/KB	
1.00	200127196	KB 12' FUNWHEEL	
3.00	200109865	KBP SAFETY RAIL DKMT	
1.00	100001134	KB DK/DK PLATE 203 MM/8'	
1.00	100001127	KB LONG DK/DK PLATE 205MM/8'	
1.00	200200690	KB 48' GRND TO DK INFINITY WING CLIMBER	
Total	KB	KID BUILDERS	
LITR	LITERATURE		
4.00	200104307	LABEL AGE APP (5 TO 12 YRS)	

ITEM LIST FOR LARGE SINGLE PLAYSTRUCTURE PARTS

Grand Total

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 3.65 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 3.65 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 square 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 0.73 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 square 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 from 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 turns 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 Rounded Play Panels shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Mesh Gable Roof shall have ribs fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Ribs shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (.25" x 3") slots punched over the entire surface to provide light. The roof section shall be mechanically attached to each rib to form the gable roof assembly. After fabrication the gable roof shall have a baked-on electrostatically applied polyester dry powder coating. The gable roof shall be assembled using a roof post cap, which shall be fabricated from standard Kid Builders sleeve material with an 11 gauge cap and tab.

Archway Roof arches shall be fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Arches shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (.25" x 3") slots fabricated over the entire surface to provide light. The roof section shall be mechanically attached to each arch to form the archway roof assembly. After fabrication the archway roof shall have a baked-on electrostatically applied polyester dry powder coating. The archway roof assembly shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

Double Archway Roof arches shall be fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Arches shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (.25" x 3") slots fabricated over the entire surface to provide light. The roof section shall be mechanically attached to each arch to form the archway roof assembly. After fabrication the archway roof shall have a baked-on electrostatically applied polyester dry powder coating. The archway roof assembly shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

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

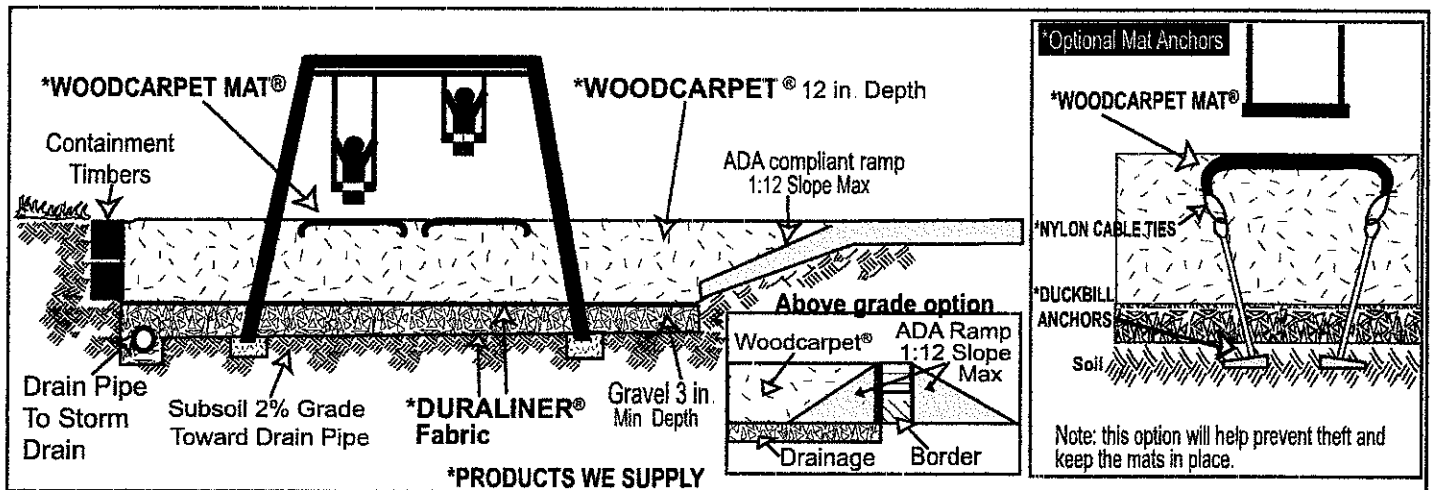
Hand Hold Loops shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. **Safety Loops** shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing with vertical rungs fabricated from 25 mm (1") O.D.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

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

All Steel Tube Components shall comply with ASTM standards: A-500, or A-513. The steel tube components shall be pre-galvanized. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system which shall include a rust-inhibitive iron phosphate wash prior to painting.

Exceptions: 127 mm (5") O.D. aluminum posts.

- A. **Product Data:** Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM F1292, F1951, and F2075 test results, IPEMA certificates of compliance, and samples.
- B. **Manufacturer Qualifications:**
 - 1. Member of International Play Equipment Manufacturer's Association (IPEMA)
 - 2. Total Liability Insurance Coverage: \$11,000,000
 - 3. Sales Representatives certified by National Playground Safety Institute (NPSI)
- C. **Warranty Covers Playground Surfacing for Following Periods:**
 - 1. Engineered Wood Fiber Playground Surfacing: 15 years
 - 2. Playground Surfacing Wear Mat: 5 years
- D. **Manufacturer:**
 - 1. Zeager Bros , Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524
 - 2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227



- E. **Application:** outdoor playground surface using drainage gravel.
- F. **Critical Height:** 12' / 12 feet fall protection 8' / 8 feet fall protection.
- G. **Installation Procedure:**

1. Review project plans and verify that playground equipment use zones, clearances, and reach ranges will comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
2. Prepare the site in accordance with the project engineer's directions and project specifications. Ensure that drainage is routed away from or around the playground area to prevent sand, soil, silt, or other foreign material from contaminating the WOODCARPET®. Grade subsoil to a 2% grade toward the drain pipe. Max 7-8% with stable sub-surface.
3. Install playground equipment.
4. Place a layer of DURALINER® on top of the subsoil. Overlap seams 10 in. (25cm), or 5 in. (63cm) if a double bead of exterior grade construction adhesive is applied to the overlap. Place seams parallel to direction of slides and travel of swings when ever possible.
5. Excavate a minimum 8 in.w. x 8 in. d. (20cm x 20cm) trench along the low end of the area to a storm drain. Install drain pipe.
6. Spread drainage gravel (1 in. - 2 in. [3cm-6cm] clean gravel) to a minimum depth of 3 in. (8cm). Fill drainage trench.
7. Install timbers or an alternate containment system above or below grade. Provide for an access ramp up to play surface if above ground (max 7-8%) or down to if play surface is below grade that complies with ASTM F1487 Section 10.
8. As described in Step 4, place an additional layer of DURALINER® on top of the drainage gravel.
9. Spread WOODCARPET® to a minimum depth of 8 in. after compaction for play equipment under 4 ft. high and to a minimum depth of 12 in. after compaction for play equipment over 4 ft. high. Natural compaction (approx. 1/3) will occur in 2 - 6 weeks. WOODCARPET® must be compacted to be accessible. Mechanically compacting WOOD-CARPET® requires approximately 15% more WOODCARPET® than natural compaction. Exercise caution to prevent damaging the DURALINER® and drain materials. Do not operate equipment directly on the DURALINER®.
- *10. Install a WOODCARPET® Mat (PVC or Foam) in each kick-out area. When installing a wear mat on top of WOODCARPET®, dig a channel around the mat edge down to the base of the WOODCARPET® and slope mat edges down into the channel. If anchoring the mat, install anchors and nylon cable ties to attach the mat to the anchors. Refill the channel with WOODCARPET®. Foam mats must use anchor system with system 1. Anchoring is optional for PVC mats.
11. Inspect the playground and verify that playground equipment use zones, clearances, and reach ranges comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
12. Rake WOODCARPET® level a second time two weeks after installation is finished and as needed thereafter.

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

H. Notes:

1. Inadequate drainage voids the WOODCARPET® conditional limited warranty and hastens decomposition
2. For immediate accessibility, install WOODCARPET® in 6 in maximum layers. Rake level, wet, and mechanically compact each layer twice with a flat surface compactor. Change direction 90 degrees on second compaction.
3. Periodic maintenance should include removing debris, raking and topping off by performing steps 9 and 11. See also WOODCARPET® maintenance recommendations

I. Products

1. Engineered Wood Fiber Playground Surfacing: WOODCARPET®
 - a. Composition:
 - (1) Premium Woodcarpet contains 100% pre-consumer recovered wood
 - (2) Recycled Woodcarpet may contain up to 100% post-consumer recovered wood
 - b. Dimensions: Randomly sized wood fibers.
 - c. Sieve Analysis, ASTM F2075-04: Meets criteria.
 - d. Hazardous metal, ASTM F2075-04: Meets criteria
 - e. Tramp metal, ASTM F2075-04: Meets criteria.
 - f. Impact, ASIM F1292-04: 8 inches meets criteria up to 8 ft. fall height and 12 inches meets criteria up to 12 ft. fall height
 - g. Accessibility, ASIM F1951: Meets criteria
 - h. Resistance to Flammability, 16 FR Part 1630 Standard for Surface Flammability of Carpets and Rugs (FFI-70), Modified Procedure. Not Oven Dried: Meets Criteria
 - i. Flammability, 16 CFR 1500.44, Federal Hazardous Substances Act Title 16, Chapter II, Subchapter C for Rigid and Pliable Solids: Did not ignite.
 - j. IPEMA Certification: 8"/8ft, 12"/12ft Fall protection F1292-04 Tramp metals, Sieve analysis, Heavy Metals F2075-04

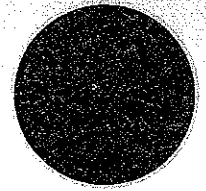
2. Fabric: DURALINER®

- a. Composition: Non-woven, needle-punched, UV-treated, polypropylene or polyester fabric
- b. Recycled content: 0%
- c. Size: 5 to 6 feet wide x 250 feet long
- d. Weight, ASTM D3776: Min 3.69 ounces per square yard.
- e. Thickness, ASTM D5199: min 55 mils
- f. Grab Tensile Strength, ASTM D4632: min 90 pounds
- g. Mullen Burst Strength, ASTM D3786: min 132 pounds.
- h. Puncture Resistance, ASTM D4833: min 60 pounds
- i. Trapezoid Tearing Strength, ASTM D4533: min 40 pounds
- j. Permittivity, ASTM D4491: min 1.9 sec-1.
- k. Flow Rate, ASTM D4491: min 145 gallons per minute per sq ft
- l. Permeability, ASTM D4491: min 0.24 centimeters per second

I. Products-cont.

3. Playground Surfacing Wear Mat: WOODCARPET® PVC MAT
 - a. Composition: Polyvinylchloride (PVC)
 - b. Recycled Content: 60 % Preconsumer recovered pvc
 - c. Drain Holes: 3/8 inch diameter holes, one per 10 square inches
 - d. Size: 42 in x 42 in [slide exit], 42 in x 78 in [swing], 78 in x 78 in [tire swing, vertical spinner], 78 in x 90 in [swing bay], 156 in OD x 73.5 in ID [merry go round, supernova], 67.5 in OD [supernova]
 - e. Weight: 3.0 pounds per square foot.
 - f. Thickness: 3/4 inches.
 - g. Impact, ASTM F1292: Over 11.25 inches of Woodcarpet, meets criteria up to 12 feet
 - h. IPEMA Certification: Over 11.25 inches of Woodcarpet, rated to 12 feet
4. Playground Surfacing Wear Mat: WOODCARPET® FOAM MAT
 - a. Composition: Closed-cell, cross-linked, polyethylene foam
 - b. Recycled content: 100% pre-consumer recovered foam
 - c. Top surface: Covered with layer of heavy duty vinyl
 - d. Drain holes: 3/8 diameter holes, one per square foot
 - e. Size: 44 in x 44 in [slide exit], 44 in x 74 in [swing]
 - f. Finished size: 32in x 32in [slide exit], 32in x 62in [swing]
 - g. Weight: 1" thick = 1.5 pounds per square foot
 - h. Thickness: 1 & 2 inches. (2" to be discontinued)
 - i. Impact, ASTM F1292: 1 in. thick mat meets criteria up to 4 feet.
 - j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft fall protection.

GEOTEX® NONWOVEN GEOTEXTILES



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

FEATURES & BENEFITS

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

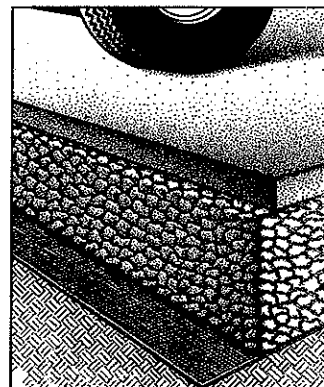
Outperforms and is more cost effective than conventional methods, including:

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

GEOTEX® NONWOVEN GEOTEXTILES PRODUCT FAMILY TABLE

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

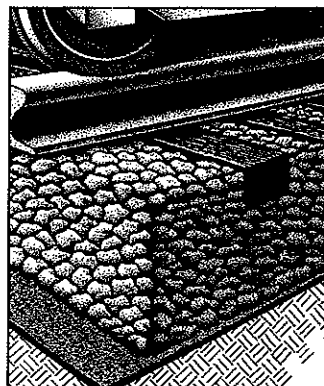
You can plan and implement road designs that will lower the cost and extend the life of your pavement—and our Roadways And Civil Engineering (R.A.C.E.) software can help. Download it today at geotextile.com.



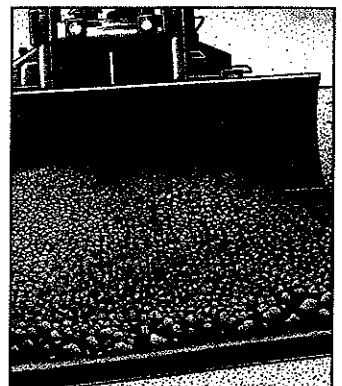
Geotex® nonwoven geotextiles can be deployed directly on a soft saturated subgrade.



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



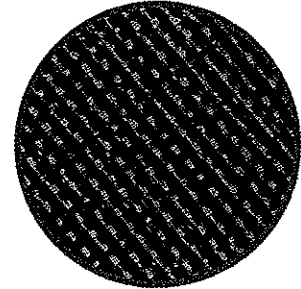
Robust Geotex® nonwovens stabilize subgrades and prevent the fouling of ballast beneath railway track.



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

WOVEN SLIT FILM GEOTEXTILES

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



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

Geosynthetics

NONWOVEN GEOTEXTILES

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

GEOTEX[®] NONWOVEN

Geotex[®] Lightweight Nonwovens

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

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

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