PETEY'S PLAYGROUND PROJECT

HICKORY CREEK
ELEMENTARY SCHOOL

Bid Date: December 5, 2013
10:00am

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INVITATION TO BIDDERS

Sealed bids, subject to the conditions contained heroin, will be accepted by the Warren County Financial Management Committee at the Warren County Administrative Building, Office of the Finance Department, 201 Locust Street Suite 2, McMinnville, Tennessee, 37110, up to but no later than 10:00 AM December 5, 2013, and then publicly opened and read for the development and enhancement of an all-inclusive playground project to be located at Hickory Creek Elementary School.

For bid specifications or more information regarding bids, please contact Zach Sutton, Chairman of Petey's Playground Project Committee and/or Carlene Brown, member of Petey's Playground Project Committee at (931) 474-7755 or Warren County Finance Director Linda G. Hills at (931) 473-2381 ext. 1001.

Copies of this bid are on file and may be obtained at the Warren County School's Administrative Offices or by accessing the website at www.warrenschools.com and clicking the link for current bids.

Employees of the selected contractor must have a sexual predator background check performed prior to entering any Warren County school grounds as per Tennessee Code Annotated Section 49-5-413.

Bids will be awarded according to state law as prescribed by T.C.A. § 12-4-106(a)(2), which requires that design professionals for local public works projects be selected through qualifications-based selection, a procedure whereby service providers are retained on the basis of qualifications rather than competitive pricing. A Supreme Court ruling states that the discerning of best lies solely on those requesting the bid and not the bidder. No bidder may withdraw his bid for a period of sixty (60) days after date set for opening of the bids.

The right is reserved as the interest of Warren County, Tennessee may require to accept or reject any or all bids received, to accept or reject any item thereon, to waive any informalities in bidding, and/or to abandon or postpone this project without any obligation to bidders. In case of tie bids, Warren County, Tennessee reserves the right to negotiate with bidders.

WARREN COUNTY FINANCIAL MANAGEMENT COMMITTEE
Linda G. Hillis, Finance Director
John Pelham, County Executive

PUBLIC NOTICE
TITLE VI OF THE 1964 CIVIL RIGHTS ACT

"No person in the United States shall, on the ground of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

Bids must be received by December 5, at 10:00 A.M. Central Time to be considered.

Please return sealed bids to: Warren County Financial Management Committee
Office of the Finance Department
Warren County Administrative Office Building
201 Locust Street, Suite 2
McMinnville, Tennessee 37110

Bids will be awarded accordingly as prescribed by law, which states "lowest and best." A Supreme Court ruling states that the discerning of best lies solely on those requesting the bid and not the bidder. No bidder may withdraw their bid for a period of sixty (60) days after the set of opening of the bids.

Pursuant to T.C.A. § 50-9-114, Warren County, Tennessee has adopted a Drug & Alcohol Testing Program and is required to include this information in our bid specifications. Warren County, Tennessee requires Alcohol and Controlled Substance testing for Safety-Sensitive Positions required by the Federal Omnibus Transportation Employee Act of 1991 and related United States Department of Transportation rules and regulations set forth in 49 CFR Federal Regulations Parts 40 and 382. BIDDERS MUST SUBMIT AN AFFIDAVIT THAT THE BIDDER OPERATES A DRUG AND ALCOHOL TESTING PROGRAM WITH REQUIREMENTS AT LEAST AS STRINGENT AS THAT OF THE PROGRAM OPERATED BY WARREN COUNTY, TENNESSEE.

Warren County Board of Education
Administrative Offices
2548 Morrison Street
McMinnville, Tennessee 37110

John R. (Bobby) Cox, Ed. S.
Director of Schools

Telephone: (931) 668-4022
Fax: (931) 815-2685

NOTICE TO BIDDERS

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The Warren County Financial Management Committee reserves the right to accept or reject any or all bids, to accept or reject any item thereon, to waive any irregularities in the bid or bidding and/or to abandon or postpone this project without any obligation to bidders. The Warren County Financial Management Committee and representatives of the Petey's Playground Project Committee will act as sole judges of the merit and qualifications of vendors and materials offered and accept whatever bid deemed to be in the best interest of Warren County. No bidder may withdraw their bid for a period of sixty (60) days after date set for opening of bids. The Financial Management Committee reserves the right to increase or decrease quantities.

Employees of the selected contractor must have a sexual predator background check performed prior to entering any Warren County school grounds as per Tennessee Code Annotated Section 49-5-413.

In case of tie bids, Warren County, Tennessee reserves the right to negotiate with bidders.

By submission of this bid, the vendor agrees to all terms and condition stated therein.

One Team, One Goal, High Levels of Learning for All

The vendor agrees to replace any item/device that proves to be defective.

No bids may be sent via e-mail or fax.

Bids will be awarded accordingly as prescribed by law, which states "lowest and best." A Supreme Court ruling states that the discerning of best lies solely on those requesting the bid and not the bidder. No bidder may withdraw their bid for a period of sixty (60) days after date set of opening of the bids.

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A. The Vendor/contractor shall give all notices and comply with all codes, laws, ordinances, rules and regulations of any public authority having jurisdiction that bears on the performance of its work. The Vendor shall pay for all licenses, permits, taxes, and fees required for this project; and shall comply with all federal, state, local, and the purchaser codes, laws, ordinances, regulations and other requirements applicable to the work specified at no additional cost to the purchaser.

B. Vendor/contractor is responsible for their own safety, taking all necessary precautions to ensure the safety of the methods employed in this project.

C. The Vendor/contractor shall indemnify and hold harmless Warren County Board of Education from all liabilities, suits, damages, costs, and expenses that may be imposed on Warren County Board of Education because of the Contractor's failure to comply with the regulations stated herein.

D. The bid price shall include all materials, supplies, shipping charges, storage, tax if applicable, and labor needed for the installation of the specified equipment.

E. The Vendor/contractor shall assume the full duty, obligation, and expense of obtaining and maintaining necessary insurance. Proof of insurance and of licensure shall be provided upon request.

F. Equipment must meet U.S. Consumer Product Safety Commission's (CPSC) Handbook for Public Playground Safety and ADA regulations.

Petey's Playground Project
Project Description

Project Description

Petey's Playground Project will be at the existing playground located at Hickory Creek Elementary School. The project will include the enhancement of the existing playground by developing an all inclusive play area with specially designed stand alone playground structures.

Five free standing play features have been selected to add to the play environment at Hickory Creek Elementary School. The project is to allow opportunities for collaborative play and teamwork to include children with special needs. Through the addition of sensory play panels, children of all abilities can further develop their tactile, visual and auditory senses. The equipment selected will be adequate for children ages 5 to 12.

General Specifications

Equipment Being Bid

A. Five stand alone play features by Landscape Structures have been specified for Petey's Playground project. All play features bid must be approved equal.

1 173591A Omni Spinner Surface Mount
1 186490A We Saw
1 168099A Cozy dome DB
1 173592A Oodle Swing DB
1 Sensory Playhouse with Roof
115243A Chimes Panel
164145A Rock - N- Ring Panel GL
173563A Fun Mirror Panel GL
173566A Kaleidospin Panel GL
130102B Super Square Shingle Roof Polly

B. Site Preparation

The play features will be installed in an aarea within the existing playground. The site plan for all five pieces will be located in an open space approximately 60' x 60'.

The successful bidder will be asked to submit a bid including the site preparation as well as supervising a site preparation. The site must be free of obstacles, grass, graded and leveled. The excavated area must meet the safety guidelines of the U.S. Consumer Product Safety commission's (CPSC) Handbook for Public Playground and ADA regulations and the safety guidelines for each play structures required fall zones. The site surfacing may be a combination of playground wood fiber and a grass solid surface for playground use.

The solid surface area must be Forever Lawn FL04-PB Extreme or equivalent. The area to be bid for solid surface is approximately 625 square feet or an area 25' by 25'. Fall height for this area is 5'.
The determination of the solid surface will be the cost. This will be determined at the time of the bid award.

C. The Project site will need to have a border. The purchaser will choose the border when

the bid is awarded. Two bid costs are being requested. One for a concrete border and the second will be TuffTimber by Landscape Structures. or equivalent.

D. Delivery and Installation

The playground project will need to be completed by April 11, 2014. The delivery of the equipment must be arranged by the bidder, accepted and inventoried by the bidder. The equipment and materials will be delivered and accepted on site at Hickory Creek Elementary School.

E. Installation Requirements

The playground project needs to be bid using two options for installation. Option One will be for the bidder to complete the installation and Option Two is with the bidder completing the installation as a Supervised build. The requirements for a supervised build need to be included with the bid sheet. The supervised build may be an option for a cost savings for the purchaser. McMinnville Electric System has volunteered to drill all the holes needed for any direct bury installation requirements.

F. Site Plans and Play Structure Design

The bidder must provide a site plan with dimensions and play structure locations with the proposed bid sheet. An example of a layout is attached as an example.

G. Bid Evaluations

Bids received shall be evaluated by the Warren County Financial Management Committee and the members of the Petey's Playground Project Committee. This evaluation will be based as a minimum on the following criteria:

1. Commitment for required delivery schedule.
2. Commitment to the general conditions contained herein, including warranty.
3. Completeness of the proposal, i.e., the degree which it responds to all equirements and requests for information contained herein.
4. Contractor's demonstrated capabilities and qualifications.
5. Equipment supplier's demonstrated capabilities and qualifications.

H. Exceptions to Specifications

Exceptions shall be referenced to the paragraph and page of those specifications where the item appears, and drawings or photographs and technical information about the exception shall be included. any exceptions may be considered during the evaluation process, and the decision shall be final.

Proposals taking exception to specifications will not be accepted.

I. Contract Award

The Purchaser reserves the right to reject any or all bids deemed to be unresponsive. The Purchaser also reserves the right to waive any informalities , irregularities and technicalities in procedure.

The Purchaser reserves the right, before awarding the contract, to require a bidder to submit evidence of his qualifications as may be deemed necessary. Documentation which may be require is financial soundness, technical competency, and other pertinent qualifications of a bidder, including past performance (experience) with the Purchaser.

J. Warranty

Manufacturer shall warrant the playground equipment against defective workmanship and materials. Manufacturer's warranty must be included with the bid information.

Under this Warranty Manufacturer's liability is limited to furnishing purchaser, without cost, parts and labor required to replace defective material or workmanship when there is no indication or misuse, neglect, neglect, or improper maintenance, accident or overloading of apparatus. Defects shall be reported to seller in writing by the purchaser within the warranty period. Parts and labor will be supplied after inspection by an authorized agent of the Manufacturer. Defective part(s) shall be returned pre-paid by Purchaser to seller when requested.

Warranty shall begin upon acceptance of the playground equipment by the purchaser.

Certificate of Compliance

Submittals required with bid:

1. Overhead view of Play Structure being bid with al components clearly labeled.

2. Complete Product Specifications for equipment being bid.

3. Photographs and/or computer assisted drawings (C.A.D.) of equipment being bid.

4. Proof of product liability insurance coverage on equipment being bid. Minimum acceptable coverage - $5 Million.

5. The bidder awarded the contract for the Playground Project will be required to furnish a letter on the manufacturer's stationary certifying that the equipment being supplied meets U. S. Consumer Product Safety Commission guidelines.

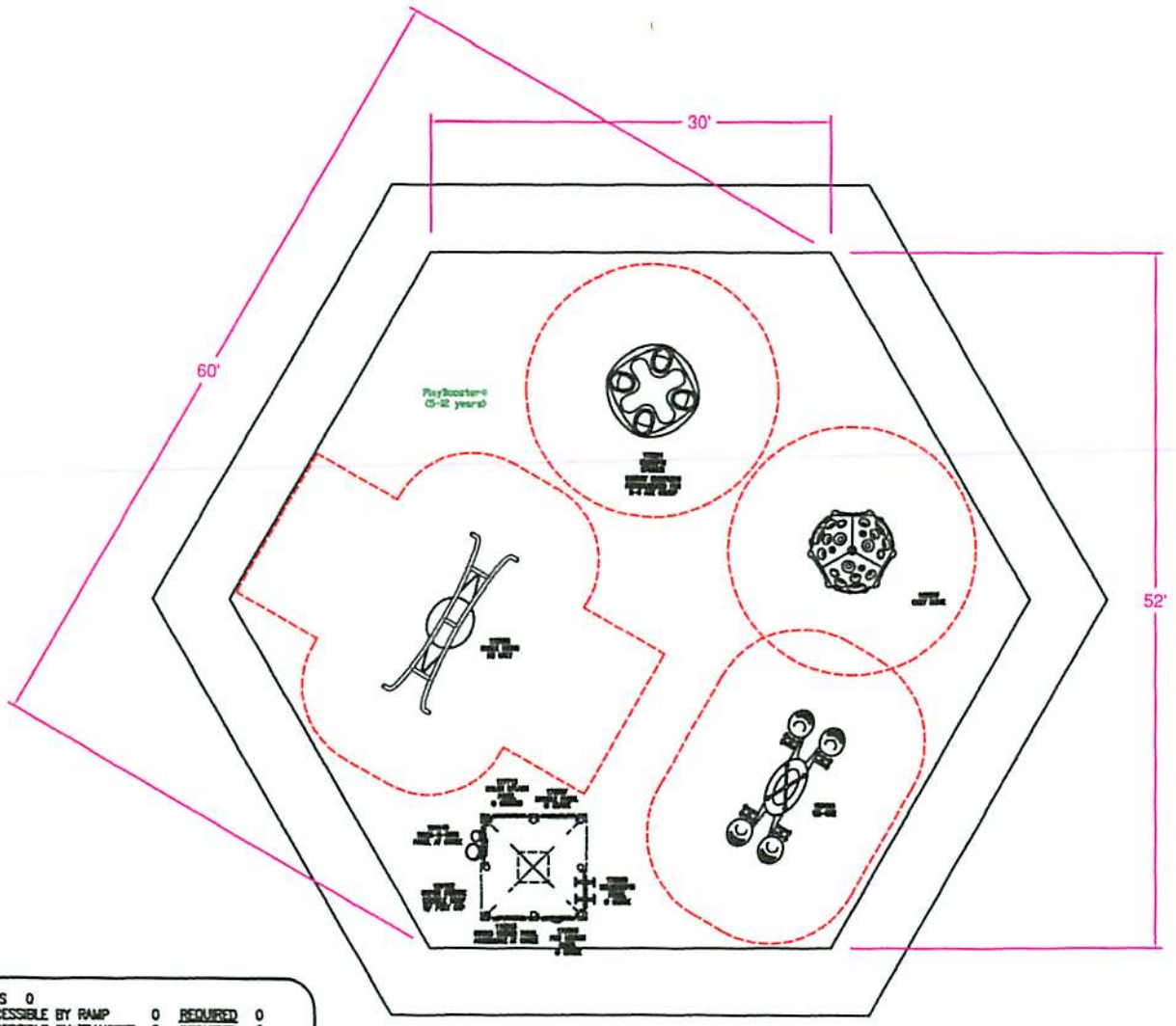
Submittals To Be Furnished, Upon Request, For Evaluation Purposes

1. Sample of solid surfacing being bid.
2. Sample of curbing if not concrete.
3. Color chip samples for Play Structures being bid.

Services Required for A Supervised Build

1. A complete guide must be accompanied with the bid sheet outlining the requirements of the purchaser and the services provided by the bidder for a Supervised Build. Minimum requirements by the Purchaser will include a company employee be present from the time of delivery to assist in inventorying the equipment, supervise the site preparation, the installation of equipment and ground cover.

2. When the installation is complete, a company employee will inspect the installed equipment, surfacing and any additional materials associated with the completed project for proper installation and submit a written statement to the Warren County School System verifying its acceptability.



TOTAL ELEVATED PLAY COMPONENTS	0		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	0	REQUIRED	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	10	REQUIRED	0
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	9	REQUIRED	9

landscape structures

IPEMA CERTIFIED

The play components identified on this plan are ASTM conform. System meets number in parenthesis with ® The size and layout of these components conforms to the requirements of ASTM F1487. To verify product certification, visit ipema.org

THIS PLAY AREA & EQUIPMENT IS DESIGNED FOR AGES 5-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.

IT IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY GUIDELINES, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, ON WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US, PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, ETC., CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, DIMENSIONS, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO CONSTRUCTION. USERS SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION 6 CURRENT REVISION).

AREA OF ACCESSIBLE/PROTECTIVE SURFACING (POURED-IN-PLACE SUGGESTED) 2328 SF

DESIGNED BY: CBA

COPYRIGHT 11/18/13 LANDSCAPE STRUCTURES, INC.

Date	Previous Drawing #	Initials
11/18/13	72113-1-1	CBA

SCALE IN FEET: 0' 5' 10' 20'

Petey's ®
Hickory Creek Elementary
McMinnville, Tennessee

Recreational Concepts
Shelia Stewart

SYSTEM TYPE: PlayBooster

DRAWING #: 72113-1-2

Petey's @ Hickory Creek Elementary

McMinnville, Tennessee November 18, 2013 72113-1-2

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Better world.®

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Proudly presented by:

Shelia Stewart

recreational concepts

landscape structures

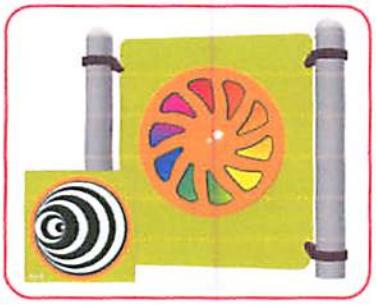
Petey's Kingdom

Model Information

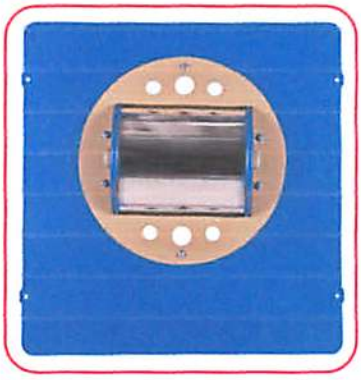
Clarksville, Tennessee October 28, 2013 71283-1-2

PLAYBOOSTER® (5-12 YEARS)

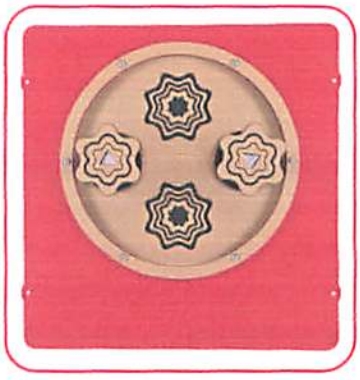
12' Ramp w/Guardrails and Curbs



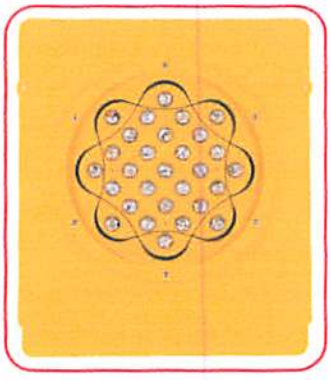
Color Splash Panel™



Fun Mirror Panel®



Kaleidospin Panel®



Marble Panel®

Rock-n-Ring® Panel

Super Square Shingle Roof

Sway Fun® Glider (12")

OmniSpin® Spinner

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recreational concepts

landscape structures

Petey's Kingdom

Model Information

Clarksville, Tennessee October 28, 2013 71283-1-2

PLAYBOOSTER® (5-12 YEARS)

Belt Seat w/Chains

Molded Bucket Seat w/Chains

Molded Bucket Seat w/Harness and w/Chains

Oodle® Swing

Single Post Swing Frame

Single Post Swing Frame Additional Bay

Galvanized Stake (30")

TuffTimbers™

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Better world.™
playlsi.com

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Material Specifications for Playbooster Design 72113-1-2

General Specifications:

Material: All materials shall be structurally sound and suitable for safe play. Durability shall be ensured on all steel parts by the use of time-tested coatings such as zinc plating, galvanizing, ProShield finish, TenderTuff coating, etc. Colors shall be specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F879 unless otherwise indicated (see specific product installation/ specifications). All primary fasteners shall include a locking patch-type material that will meet the minimum torque requirements of IFI-125. Manufacturer to provide special tools for pinned tamperproof fasteners.

TenderTuff Coating: Metal components to be TenderTuff-coated shall be thoroughly cleaned in a hot phosphatizing pressure washer, then primed with a water-based thermosetting solution. Primed parts shall be preheated prior to dipping in UV-stabilized, liquid polyvinyl chloride (PVC), then salt cured at approximately 400 degrees. The finished coating shall be approximately .080" thick at an 85 durometer with a minimum tensile strength of 1700 PSI and a minimum tear strength of 250 pounds/inch. Four standard colors are available all with a matte finish. (Brown only for HealthBeat). Not applicable for Evos.

ProShield Finish: All metal components with ProShield finish shall be thoroughly cleaned and phosphatized through a five-stage power washer. Parts are then thoroughly dried, preheated and processed through a set of automatic powder spray guns where a minimum .002" of epoxy primer is applied. A minimum .004" of architectural-grade Super-Durable polyester TGIC powder is applied. The average ProShield film thickness is .006".

ProShield is formulated and tested per the following ASTM standards. Each color must meet or exceed the ratings listed below:

Hardness (D3363) rating 2H
Flexibility (D522) pass 1/8" mandrel
Impact (D2794) rating minimum 80 inch-pounds
Salt Fog Resistance (B117 and D1654) 4,000 hours and rating 6 or greater
UV Exposure (G154, 340 bulb) 3,000 hours, rating delta E of 2, and 90 percent gloss retention
Adhesion (D3359, Method B) rating 5B

The Paint Line shall employ a "checkered" adhesion test daily.

Eighteen standard colors are available.

Decks: All Tenderdecks shall be of modular design and have 5/16" diameter holes on the standing surface. There shall be a minimum of (4) slots in each face to accommodate face mounting of components. Tenderdecks shall be manufactured from a single piece of low carbon 12 GA (.105") sheet steel conforming to ASTM specification A-1011. The sheet shall be perforated with a return flange on the perimeter to provide the reinforcement to ensure structural integrity. There shall be no unsupported area larger than 3.5 square feet. The unit shall then be TenderTuff-coated brown only. Tenderdecks shall be designed so that all sides are flush with the outside edge of the supporting posts. Not applicable for Evos, Weevos or HealthBeat.

Rotationally Molded Polyethylene Parts: These parts shall be molded using prime compounded linear low-density polyethylene with a tensile strength of 2500 psi per ASTM D638 and with color and UV-stabilizing additives. Wall thickness varies by product from .187" (3/16") to . 312" (5/16"). Five standard colors are available (Black only for HealthBeat).

Permalene Parts: These parts shall be manufactured from 3/4" high-density polyethylene that has been specially formulated for optimum UV stability and color retention. Products shall meet or exceed density of .960 G/cc per ASTM D1505, tensile strength of 2400 PSI per ASTM D638. Five standard solid colors are available. Some Permalene parts are available in a two-color product with (2) .100" thick exterior layers over a .550" interior core of a contrasting color. Eight standard two-color options are available. Not applicable for Evos or HealthBeat.

Recycled Permalene® Parts: These parts shall be manufactured from 3/4" high-density polyethylene that has been specially formulated for optimum UV stability and color retention. Products shall meet or exceed density of .960 G/cc per ASTM D1505, tensile strength of 2400 PSI per ASTM D638. Available in a three-layer product with (2) .100" thick colored exterior layers over a .550" thick 100% recycled Black interior core. Five standard color options are available (Blue/Black, Yellow/Black, Red/Black, Green/Black and Tan/Black). Not applicable for Evos or HealthBeat.

Footings: Unless otherwise specified, the bury on all footings shall be 34" below Finished Grade (FG) on all in-ground play events/posts. Other types of anchoring are available upon request.

Hardware Packages: All shipments shall include individual component-specific hardware packages. Each hardware package shall be labeled with the part number, description, a component diagram showing the appropriate component, package weight, a bar code linking the hardware package to the job number, assembler's name, date and time the package was assembled, work center number, and work order number.

Installation Documentation: All shipments shall include a notebook or packet of order-specific, step-by-step instructions for assembly of each component, including equipment assembly diagrams, estimated hours for assembly, footing dimensions, concrete quantity for direct bury components, fall height information, area required information and detailed material specifications.

Packing List: All shipments shall include a packing list for each skid/container, specifying the

part numbers and quantities on each skid or within each container.

Packaging: PlayBooster posts shall be individually packaged in sturdy, water-resistant, mar-resistant cardboard boxes. Other components shall be individually wrapped or bulk wrapped to provide protection during shipment. Small parts and hardware packages will be placed in crates for shipment. The components and crates are then shrink-wrapped to skids (pallets) to ensure secure shipping.

Maintenance Kit: An order-specific maintenance kit shall be provided for each structure order. The kit will include a notebook or packet with a second set of installation documents and order-specific maintenance documentation with recommendations on how often to inspect, what to look for and what to do to keep the equipment in like-new condition. The kit also includes touch-up primer, appropriate color touch-up paint, sandpaper, appropriate color touch-up PVC, graffiti remover and additional installation tools for the tamperproof fasteners.

Project Specific Material Specifications:

(PB) PlayBooster General Specifications:

Posts: Post length shall vary depending upon the intended use and shall be a minimum of 42" above the deck height. All posts shall be ProShield finished to specified color. All posts shall have a "finished grade marker" positioned on the post identifying the 34" bury line required for correct installation and the top of the loose fill protective surfacing. Top caps for posts shall be aluminum die cast from 369.1 alloy and ProShield finished to match the post color. All caps shall be factory installed and secured in place with (3) self sealing rivets. A molded low-density polyethylene cap, with drain holes, shall be pressed onto the bottom end of the post to increase the footing area.

Steel Posts: All steel PlayBooster posts are manufactured from 5" O.D. tubing with a wall thickness of .120" and shall be galvanized after rolling and shall have both the I.D. and the cut ends sprayed with a corrosion resistant coating.

Steel Post Mechanical Properties:
- Yield Strength (min): 50,000 PSI
- Tensile Strength (min): 55,000 PSI
- % Elongation in 2 inches: 25
- Modulus of Elasticity: 29.5 x 1,000,000 PSI

Aluminum Posts: All aluminum PlayBooster posts are manufactured from 6005-T5 extruded tubing conforming to ASTM B-221. Posts shall have a 5" outside diameter with a .125" wall thickness.

Aluminum Post Mechanical Properties:
- Yield Strength (min): 35,000 PSI
- Tensile Strength (min): 38,000 PSI
- % Elongation in 2 inches: 10

Modulus of Elasticity: 10 x 1,000,000 PSI

Clamps: All clamps are ProShield finished and, unless otherwise noted, shall be die cast using a 369.1 aluminum alloy and have the following mechanical properties:

Ultimate Tensile: 47,000 PSI
Yield Strength: 28,000 PSI
Elongation: 7% in 2 inches
Shear Strength: 29,000 PSI
Endurance Limit: 20,000 PSI

Each functional clamp assembly shall have an appropriate number of half clamps and shall be fastened to mating parts with (2) 3/8" x 1 1/8" pinned button head cap screws (SST) and (2) stainless steel (SST) recessed "T" nuts. A 1/4" aluminum drive rivet w/stainless steel pin is used to ensure a secure fit to the post.

PlayBooster clamps have three functional applications and shall be named as follows:

1.) Offset hanger clamp assembly.
2.) Deck hanger clamp assembly.
3.) Hanger clamp assembly.

Cable: Comprised of six-stranded and tempered Corocord cable with a polypropylene core. The galvanized steel wire cores of the six strands are inductively fused to polyamide coating, black in color.

115243A

Chimes Panel Ground Level Under 56"Dk

Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, color specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Angled Panel Bracket: Weldment comprised of .190" (4,83 mm) thick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8" (28,58 mm) O.D. x 1 1/2" (38,1 mm) long. Finish: ProShield, color specified.

Chimes: Fabricated from 6063-T832 aluminum. Finish: Anodized per Mil - A - 8625 type 2, class 1.

Permalene Panel: One-color panel measures 35 5/8" (904,88 mm) wide x 41" (1041 mm) high, color specified.

Spacer Tube: Made from 6061-T6 aluminum 7/8" (22,23 mm) O.D. x 1 11/16" (42,85 mm). Finish: ProShield, color specified.

164145A

Rock-N-Ring Panel Ground Level

Bell: Fabricated from 10 GA. (.135") (3,42 mm) HRPO low carbon steel. Finish: ProShield, color specified.

Bell Striker: Two color Permalene, color specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Clamps: Cast aluminum. Finish: ProShield, color specified.

Bongo: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

Angled Panel Bracket: Weldment comprised of .190" (4,83 mm) thick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8" (28,58 mm) O.D. x 1 1/2" (38,1 mm) long. Finish: ProShield, color specified.

Screen Plate: Fabricated from 12 GA. (.105") (2,66 mm) HRPO flat steel. Finish: Black in color.

Permalene Panel: Two color panel measures 35 5/8" (904,88 mm) wide x 41" (1041 mm) high, color specified.

Spacer Tube: Made from 6061-T6 aluminum 7/8" (22,23 mm) O.D. x 1 11/16" (42,85 mm). Finish: ProShield, color specified.

173563A

Fun Mirror Panel Ground Level

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Clamps: Cast aluminum. Finish: ProShield, color specified.

Fun Mirror Panel Assy.: (Panels) Two color Permalene, color specified. (Brackets) Fabricated from 11 GA. sheet HRPO steel. Finish: ProShield, color specified. (Curved Mirror)Fabricated from 16 GA. (.060") (1,52 mm) stainless steel sheet.

173566A

Kaleidospin Panel Ground Level

Panels: Two color Permalene, color specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Clamps: Cast aluminum. Finish: ProShield, color specified.

Kaleidoscope Panel Assembly: (Panels) Two color Permalene, color specified. (Tubes) Weldment comprised of 2.375" (60,33 mm) O.D. RS40 (.130"-.140") (3,30 mm-3,56 mm) galvanized tubing and 7 GA. (.179") (4,55 mm) sheet HRPO steel. Finish: ProShield, color specified. (Mirror) Fabricated from 22 GA. (.030") (0,76 mm) stainless steel sheet.

173591A

OmniSpin Spinner Surface Mount

OmniSpin Spinner: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

OmniSpin Spinner Frame Assembly: (Frame) Weldment comprised of 2.375" (60,33 mm) O.D. RS20 (.095"-.105") (2,41 mm-2,66 mm) wall galvanized steel tubing, 2.875" (73,03 mm) O.D. RS40 (.160"-.170") (4,06 mm-4,32 mm) wall galvanized steel tubing, 1/4" (6,35 mm) HR flat steel and 3 1/2" (88,9 mm) O.D. CF steel bar. (Base) Weldment comprised of 3/8" (9,53 mm) HRPO sheet steel and 3/16" (4,75 mm) HRPO sheet steel. (Shock Covers) 16 GA (.060") (1,52 mm) HRPO sheet steel. (Crank Arms & Pins) Fabricated from stainless steel. (Shocks) Gas shocks with fixed bearings. Finish: ProShield, black in color.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

186490A

We-saw DB Only

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Anchor Cage: Weldment comprised of 1.029" (26,13 mm) O.D. RS20 (.070"-.080") (1,77 mm - 2,03 mm) wall galvanized steel tubing with 203 or 303 stainless steel welded inserts with 5/8" internal threads and 7 GA. (.179") (4,54 mm) HRPO steel sheet. Finish: Proshield®, black in color.

We-saw Assembly: (Arm Assembly) Weldment comprised of 3.500" (88,9 mm) O.D. x 8 GA. (.162") (4,11 mm) wall galvanized steel tubing, 2.375" (60,33) O.D. RS40 (.130"-.140") (3,30 mm-3,56 mm) wall galvanized steel tubing, 1.900" (48,26 mm) O.D. RS40 (.120"-.130") (3,05 mm-3,30 mm) wall galvanized steel tubing, .375" (9,52 mm) thick HRPO steel plate and . 250" (6,35 mm) HRPO steel plate. Finish: Proshield®, color specified. (Rocker Assembly) Weldment comprised .250" (6,35 mm) HRPO steel plate and 2" (50 mm) x 5/16" (7,93 mm) wall steel tubing. Finish: ProShield, black in color. (Base) Weldment comprised .375" (9,53 mm) HRPO steel plate and 2.500" (63,50 mm) O.D. x 1.150" (29,21 mm) I.D. stainless steel tubing. Finish: ProShield, black in color. (Base Plate) Fabricated from .250" (6,35 mm) HRPO steel plate. Finish: ProShield, black in color. (Spring) 5 5/8" (142,87 mm) diameter 13/16" (20,62 mm) tempered alloy steel coil. Finish: ProShield, black in color. (Spring Wedge) Cast from ductile iron alloy. Finish: ProShield, black in color. (Bearings) 1.145" (29,08 mm) I.D. oilite bronze. (Shaft) 1.14" (28,96 mm) O.D. stainless steel.

Bumper Footer: Weldment comprised of 1.315" (33,40 mm) O.D. RS20 (.080"-.090") (2,03 mm - 2,29 mm) wall galvanized steel tubing with 203 or 303 stainless steel welded inserts with 5/8" internal threads and .250" (6,35 mm) thick HRPO steel plate. Finish: Proshield®, color specified.

Center Pad: Fabricated from .250" (6,35 mm) thick HRPO steel sheet plate. Finish: Proshield®, black in color.

Filler Plate: Fabricated from 12 Ga. (105") (2,66 mm) HRPO steel sheet. Finish: ProShield, color specified.

GripX Insert: 3/4" (19,05 mm) Thick Permalene®, black in color.

Teeter Pad & Edges: Permalene®, color specified.

Platform Handhold: Weldment comprised of 1.315" (33,4 mm) O.D. RS20 (.080"-.090") (2,03 mm - 2,28 mm) wall galvanized steel tubing, 10 GA (.135") (3, 42 mm) HRPO steel sheet and 7 GA. (.179") (4,54 mm) HRPO steel sheet. Finish: Proshield®, color specified.

Rung Cap: Molded from U.V. stabilized black EPDM rubber encapsulating .250" (6,35

mm) thick aluminum sheet and .125" (3,18 mm) thick aluminum plate.

Seat: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

130102B

Super Square Shingle Roof Poly

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Poly Roof Cap: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

Roof Sleeve: Cast from A356 aluminum alloy.

Roof: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

168099A

Cozy Dome DB

Cozy Dome Panel: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

Direct Bury Plate: Weldment comprised of 2.375" (60,33 mm) O.D. RS20 (.095"-.105") (2,41 mm-2,66 mm) wall galvanized steel tubing and 1/4" (6,35 mm) HRPO steel plate. Finish: ProShield, color specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Mount Plate: Fabricated from 1/4" (6,35 mm) HRPO steel plate. Finish: ProShield, color specified.

Ring Plate: Fabricated from 1/4" (6,35 mm) HRPO steel plate. Finish: ProShield, color specified.

173592A

Oodle Swing DB Only

Swing Seat Brkt: Weldment comprised of 1.66" (42,16 mm) O.D. RS20 (.085"-.095") (2,16 mm-2,41 mm) wall galvanized steel tube, 1.000" (25,4 mm) O.D. x .750" (19,05 mm) I.D. 1018 steel tube and 7GA (.179") (4,55 mm) HRPO steel sheet. Finish: ProShield®, color specified.

Bumper: Molded from U.V. stabilized black EPDM rubber encapsulating 11 GA (.120") (3,04 mm) HRPO steel sheet.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

Swing Arch: Weldment comprised of 3.500" (88,9 mm) O.D. RS20 (.080"-.090") (2,03 mm-2,28 mm) wall galvanized steel tube and 1/2" (12,7 mm) thick stainless steel tabs. Finish: ProShield, color specified.

Swing Hanger Assembly: Assembly comprised of 300 series stainless steel knuckle and yoke, stainless steel swing pin, stainless steel spring pin and oilite bushings.

Swing Leg: 3.500" (88,9 mm) O.D. RS20 (.080"-.090") (2,03 mm-2,28 mm) wall galvanized steel tube. Finish: ProShield, color specified.

Swing Seat: Rotationally molded from U.V. stabilized linear low density polyethylene, color specified.

Cable: Made of tightly woven polyester-wrapped, six-stranded galvanized-steel cable with a polypropylene core. (Cable Connectors) 6061-T6 aluminum.

Warranty: You have our word.

More than just a contract, our warranty is our personal commitment that you'll be satisfied with your purchase now and well into the future. As an employee-owned company we take great pride in the quality of everything we make. And we're so confident that you'll be delighted with your purchase that we back our products with the most comprehensive long-term warranties in the industry. It's just one more way that we show how much we care about our customers and communities.

100-YEAR LIMITED WARRANTY
On all PlayBooster®, PlayShaper® and PlaySense® aluminum posts, stainless steel fasteners, clamps, beams and caps, against structural failure due to corrosion/natural deterioration or manufacturing defects, and on PlayBooster, Evos™ and Weevos™ steel posts and arches against structural failure due to material or manufacturing defects.

15-YEAR LIMITED WARRANTY

On all plastic components (including TuffTimbers™ edging), all steel components (except 100-year steel posts), Mobius® climbers, decks and TenderTuff™ coatings (except Wiggle Ladders, Chain Ladders and Swing Chain) against structural failure due to material or manufacturing defects. TuffTurf® tiles against material or manufacturing defects.

10-YEAR LIMITED WARRANTY

On concrete products against structural failure due to natural deterioration or manufacturing defects. Does not cover minor chips, hairline cracks or efflorescence.

8-YEAR LIMITED WARRANTY

On Aeronet™ climbers and climbing cables against defects in materials or manufacturing defects. On CoolToppers® fabric against failure from significant fading, deterioration, breakdown, mildew, outdoor heat, cold or discoloration. This warranty is limited to the design loads as stated in the specifications found in the technical information.

3-YEAR LIMITED WARRANTY

On all other parts, i.e.: CableCore® products, swing seats and hangers, grills, Mobius climber handholds, Wiggle Ladders, Chain Ladders and Swing Chain, Track Ride trolleys and bumpers, all rocking equipment including Sway Fun® gliders, PVC belting material, HealthBeat™ hydraulic cylinders, Seesaws, Wiggle Ring Bridge, etc., against failure due to corrosion/natural deterioration or manufacturing defects.

This warranty does not include any cosmetic issues or wear and tear from normal use. It is valid only if the playstructures and/or equipment are erected to conform with Landscape Structures' installation instructions and maintained according to the maintenance procedures furnished by Landscape Structures Inc. For a full text of the warranty, contact your playground consultant.

Landscape Structures has partnered with the Global ReLeaf program of American Forests to purchase trees which will offset the CO_2 generated in manufacturing this playstructure. These trees will not only sequester the CO_2, they help filter water, remove air pollution, provide wildlife habitat and improve our natural environment.

CARBON FOOTPRINT OF LANDSCAPE STRUCTURES PRODUCT:

Tons of CO_2:	4.84
# of Trees:	15

Carbon Footprint: A measurement of the effect on the climate in terms of the amount of greenhouse gases produced in the Landscape Structures manufacturing process measured in units of carbon dioxide (CO_2).

RECYCLED CONTENT OF LANDSCAPE STRUCTURES PRODUCT:

	w/Standard Permalene®	w/Recycled Permalene®
Steel	788 lbs.	788 lbs.
Aluminum	162 lbs.	162 lbs.
Rubber	0 lbs.	0 lbs.
Plastic	0 lbs.	428 lbs.
Total Recycled Content:	950 lbs.	1,378 lbs.
Total Post-Consumer Recycled Content:	515 lbs.	943 lbs.
Total Recycled Content (%):	31%	45%
Total Post-Consumer Recycled Content (%):	17%	31%
Total Weight:	3,063 lbs.	3,063 lbs.

Total Recycled Content: Material that has been recovered or diverted from the solid waste stream.

Total Post-Consumer Recycled Content: Material generated by households or commercial, industrial and institutional facilities in their role as end-users. This material can no longer be used for its original intended purposes.

LEED INFORMATION FOR RECYCLED CONTENT:

If you are pursuing LEED certification for your project, please share the following information with your LEED project manager.

Post-Consumer Recycled Weight:	943 lbs.
½ Pre-Consumer Recycled Weight:	218 lbs.
Total Recycled Fraction:	1,160 lbs.
Total Recycled Content Value:	$645.14

Calculations are for standard product.

Petey's Playground Project
Bid Sheet

Date Submitted: _____

Time: _____

Firm Name: _____

Address: _____

City/State/Zip: _____

Phone Office: _____ Cell: _____

Email: _____

Print Name: _____

Authorized Signature: _____

Option One: Design, Layout, Delivery, Installation, Clean-up

Equipment:

Spinner:_____

We saw:_____

Cozy Dome:_____

Swing:_____

Sensory Panels:_____

Curbing:

Concrete:_____

Timbers:_____

A. Installation with Wood Fiber Mulch

Total Price Option One A:_____

B. Installation with Wood Fiber mulch and solid surface

Total Price Option One B: _____

Delivery and Installation Schedule per specifications:

_____

_____

_____

Option Two: Design, Layout, Delivery, Supervised Build, Clean-up

Equipment:

Spinner:_____

We Saw:_____

Cozy Dome:_____

Swing:_____

Sensory panels:_____

A. Installation with wood fiber mulch

Total Price Option Two A: _____

B. Installation with wood fiber mulch and solid surface

Total Price Option Two B:_____

Delivery and Installation Schedule per specifications:

_____

_____