



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

September 08, 2022

ADDENDUM #1

Bid Number: 50-00139501

Bid Opening Date: September 27, 2022

Description of Bid: Furnish Labor, Materials & Equipment to Install Play Structure at Harold McDonald Sr. Park for the Jefferson Parish Department of Parks and Recreation

CLARIFICATION:

Please see attachments- Specs have been revised. Section 6.0- Bid specifications – it should be One (1) Bench instead of Six (6) Benches

Sincerely,

Donna M. Evans

Donna M. Evans
Buyer II

Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of This addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364-2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETNA, LA 70053 - PO BOX 9 - GRETNA - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET

**LABOR, MATERIALS AND EQUIPMENT TO INSTALL PLAY STRUCTURE
AT HAROLD MCDONALD SR. PARK, 900 DRAKE AVE., WESTWEGO, LA,
70094**

BID # 50-00139501

Section 1.0 – Pre-Bid Conference

There will be no pre-bid meeting for this project. The successful bidder will be responsible for all measurements, etc. All site visits should be arranged through Brent Griffin, by calling the office at (504)349-5000 or his cell at (504)419-4415, or email at bgriffin@jeffparish.net

Section 2.0 – Scope:

We extend this bid to cover all labor, materials, equipment and necessary essentials to install a play structure, which include the equipment and safety surface at HAROLD MCDONALD SR. PARK, 900 DRAKE AVE., WESTWEGO, LA, 70094

Purchases for this project shall be exempt from state sales and use tax according to La.R.S. 47:301(8)(c)(i). The successful bidder shall be granted the tax-exempt status of Jefferson Parish via Form R-1020, Designation of Construction Contractor as Agent of a Governmental Entity Sale Tax Exemption Certificate. Form R-1020 is distributed by the Louisiana Department of Revenue.

Section 3.0 –License Requirements:

The following Louisiana State license shall be required for this project:

Vendor shall hold a Building Construction and/or Recreation and Sporting Facilities and Golf Courses

Section 4.0 – Bond Requirements

An Electronic Bid Bond in the amount of 5% of the total bid price is due with bid submission.

A Payment Bond in the amount of 50% of the contract price is due at the signing of the contract.

A Performance Bond in the amount of 50% of the contract price is due at the signing of the contract.

Section 5.0 – Quantities/Inspection:

Bidders must inspect the site and perform their own measurements in order to determine the proper quantity of materials and equipment required to complete this project. All measurements given in these specifications are informational only.

Section 6.0 – Bid Specifications:

The successful bidder shall supply all labor, materials, equipment and necessary essentials to perform the following at the site mentioned above.

- Location of slab will be determined by the owner
- Slab to be poured by owner
- Pour-in-Place rubber surface in specs for play structure, color shall be picked from color chart provided by awarded vendor
- All colors to be selected by owner from color chart provided by awarded vendor
- Parks and Recreation will not be responsible for any materials or equipment on site while job is in progress
- Awarded vendor must provide their own dumpster on site to dispose of debris and must get dumpster location approved
- Vendor shall be responsible for furnishing and installing all equipment, parts, supplies, supervision and personnel needed, plus any permits, fees, etc. needed to complete this job.
- All work to be done in workmanlike manner.
- Contractor shall be responsible for any damage to grounds, concrete and structures, etc. Contractor shall take pictures and video before starting job.
- One- 6' bench (owner to select site, and color of bench) to be furnished and installed.
- Specifications for BCI Burkes Play Structure, per below specifications – or approved equal.

General product material specifications

- Clamps
 - KoreKonnct™ clamp castings [Nucleus, Voltage] or equal to shall be cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting shall clamp to the post with two connection bolts. Clamp casting shall encapsulate the

component attached to support surge loads, preventing surge loads being supported by only the hardware. Clamp shall be finished with a baked-on powder coating.

- Clamp Castings [Little Buddies] or equal to shall be cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting shall clamp to the post with one connection bolt. Clamp shall be finished with a baked-on powder coating.

- Platforms

- Platforms [Nucleus, Synergy, Voltage, Little Buddies] or equal to One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKconnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open-ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts.
- Recycled Platforms [Nucleus] or equal to One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKconnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open-ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts. Boards are a one-piece solid, non-hollow foamed recycled HDPE 9Re HDPE)
- 90 Degree Platform [Nucleus, Voltage] or equal to One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with patented EZKconnect self-leveling fastening system, with two attachment points per corner, one of those being an open-ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked-on powder coating.

- Crescent Platform: Platform mount shall be one piece all welded construction consisting of 2.375" 12ga and 1.315" 14ga formed galvanized tubing, 7ga stainless steel and 8ga galvanized steel plates, finished with a baked-on powder coating. Platform panel shall be 3/4" co-extruded HDPE.
- Fasteners
 - Button head cap screws and socket head cap screws shall be 302HQ corrosion resistant, passivated, stainless steel, tamper resistant, and pre-treated with a locking/sealing adhesive.
 - Other stainless steel hardware shall be 302HQ corrosion resistant stainless steel.
 - Non stainless steel hardware shall be zinc plated grade 5 steel.
 - Threaded Post Nut Inserts [Nucleus, Voltage, Little Buddies] or equal to shall be a corrosion resistant threaded insert crimped into post. Inserts shall be precision CNC located and factory installed for all attachment points.
- Rotationally Molded Plastic Parts, shall be manufactured from color compounded, linear, low-density polyethylene with an average of .250" wall thickness and textured non-sliding surfaces. Plastic parts shall be UV stabilized to UV-16 and shall have a density of 0.935 per ASTM D-1505. Plastic parts shall have a tensile strength at yield no less than 2500 psi with flexural modulus of 87,200 psi.
- HDPE plastic panel parts shall be precision cut from a single solid sheet of either .50" or .75" thick UV-stabilized extruded high-density polyethylene with colors molded in, with a durable matte finish. The material will have a density of 59.6 lbs/cu.ft. and a tensile strength of 4000psi. All edges shall be rounded or chamfered for safe play.
- Play Mats are 100% recycled rubber buffing's bonded with urethane.
- Posts, steel [Nucleus, Voltage, Little Buddies, Synergy] or equal to shall be cold-formed steel tubing with a yield test of at least 50,000 psi and a tensile strength of at least 55,000 psi. Tube members shall comply with ASTM A-135 and ASTM A-500 Grade B minimum and shall be tested according to ASTM E-8.
 - Tubing Exteriors shall be triple coated for maximum exterior

protection: galvanized, then coated with a chromate conversion coating and finished with a baked-on powder-coat.

- Tubing interiors shall be coated with a corrosion resistant zinc-rich coating.
 - Tubing and cap finished with a baked-on powder coating.
 - Standard posts shall be an assembly consisting of the galvanized steel tubing with a cast aluminum cap factory installed in the post with 1/8" x 15/32" stainless steel pinned aluminum drive rivets.
 - Posts [Nucleus, Intensity] or equal to shall be 5" OD x 11 GA galvanized steel tubing.
 - Posts [Little Buddies] or equal to shall be 2 3/8" OD x 12 GA galvanized steel tubing.
 - Posts [Voltage, Synergy] or equal to Post shall be 3 1/2" OD x 11 GA galvanized steel tubing.
- Posts, aluminum [Nucleus, Voltage, Intensity, Synergy] or equal to shall be extruded aluminum tubing with a yield test of at least 35,000 psi and a tensile strength of at least 38,000 psi. Tube members shall comply with and shall be tested according to ASTM B-221. Standard posts shall be an assembly consisting of the extruded aluminum tubing with a cast aluminum cap factory installed in the post with 1/8" x 15/32" stainless steel pinned aluminum drive rivets.
 - Posts [Nucleus, Intensity] or equal to shall be 5" OD x 1/8" wall thickness aluminum tubing.
 - Posts [Synergy, Voltage] or equal to Post shall be 3 1/2" OD x 1/8" wall thickness aluminum tubing.

Descriptions of Coatings

- PVC Coating (Poly-Vinyl Chloride): Prior to coating, each part shall be chemically washed, submerged in a heat-activated primer and dried. After drying, each part shall be pre-heated to a temperature no less than 350° F and immersed in liquid PVC. Play/usage surfaces shall have coating thickness of .085-.150 in. Park and site surfaces (i.e. benches, picnic tables) shall have coating thickness of .050-.080 in. PVC shall comply with California Assembly Bill #1108 by having a concentration that does not exceed 0.1% of the following phthalates; DINP,

DIDP, DnOP, DEHP, or BBP. This formulation is also free of heavy metals such as Lead and Cadmium. The PVC shall have:

- Tensile strength of no less than 1830 psi per ASTM 412.
- Elongation of no less than 350% per ASTM 412.
- Tear strength of no less than 250 lb./in. per ASTM 624.
- Hardness of 75 +/- 3 (Durometer, Shore A) per ASTM 2240.
- UV stabilizer shall be added to PVC to withstand one year in a QUV panel tester without any significant color drift.
- Burn Rate will meet or exceed Federal Safety Standard MVSS 302. This is the same as a UL 94 HB rating.
- Powder Coating – Standard and Super Durable colors: All metal parts will be coated with a two-part powder coat system that consists of a primer and a top coat. Powder coating is electrostatically applied at a thickness of 3 to 6 mils (.003 - .006). Prior to powder coating, all parts shall be cleaned and pretreated with a 5 stage non-phosphate and non-chromic process. The primer is cured before applying the top coat which is a polyester/TGIC powder coating with superior color-, gloss-, and UV stabilizers. Note: Top coat may be Standard or Super Durable powder coating depending on specific color availability. Finish quality conforms to ASTM Specifications and will have the following properties:
 - Powder Coating – Standard and Super Durable colors:
 - Adhesion: No less than 5B [The edges of the cuts are completely smooth; none of the squares of the lattice is detached.] (cross hatch/tape adhesion test per ASTM D3359 Method B).
 - Hardness: No less than 2H (pencil hardness test per ASTM B3363).
 - Resistance to Impact: Cracking at the perimeter of the concave area, but no cracking pick off from 80 in/lb direct or reverse impact (ASTM D2794).
 - Resistance to Bending: No visible cracking (1/8" bending test per ASTM 522).
 - Degree of Gloss: No less than 80% reflected (specular gloss test at 60° per ASTM D523).

- Resistance to Salt Spray (Standard colors): No more than 1/8" undercutting and no blistering in 1000 hours (salt spray test per ASTM B117)
- Resistance to Humidity (Standard colors): No more than 1/8" undercutting and no blistering in 1000 hours (humidity test per ASTM D2247)

Further properties for specific Super Durable colors:

- Resistance to Acid Salt Spray (Super Durable colors): No more than 1/32" undercutting and no blistering in 3000 hours (salt spray test per ASTM G85 Annex 5).
- Resistance to Humidity (Super Durable colors): No more than 1/32" undercutting and no blistering in 3000 hours (humidity test per ASTM D2247)
- Weathering (Super Durable colors): No less than 4 (tested per EN 20105-A02)
- Light fastness (Super Durable colors): No less than Grade 7 (tested per EC ISO 105-B02)
- Corrosion protection: All metal parts will either have inherent corrosion protection such as stainless steel, aluminum or galvanized steel, or they will be pre-treated prior to powder coating with either an e-coat or zinc clear chromate coating for superior corrosion protection.

Barriers & Enclosures

- Center Mount Enclosure [Nucleus, Voltage] or equal to One piece all welded construction consisting of 3 1/2" OD X 11 GA, 1.315" OD X 12 GA & 1.029" x 14 GA galvanized steel tubing and 10 GA galvanized sheet. Finished with a baked-on powder coating.
- Clubhouse Enclosures [Nucleus] or equal to
- Clubhouse Full Board Panel and Clubhouse Half Board Panel consists of 3/4" recycled HDPE with wood grain texture, 1.315" OD x 14 GA galvanized steel tubing and zinc plated steel nut inserts. Finished with a baked-on powder coating, and castings made of A356-T6 aluminum, heat-treated. Finished with baked on powder coating. The hardware package contains stainless steel button head cap screws, nuts, and washers; and aluminum rivets with 302 stainless

steel pin.

- Clubhouse Upper Board Panel consists of 3/4" recycled HDPE with wood grain texture, bracket that is one piece all welded construction consisting of 10 GA galvanized sheet steel and a formed 3/16" stainless steel plate, finished with baked on powder coating. The hardware package contains stainless steel button head cap screws, washers and barrel nuts.

Enclosures [Little Buddies] or equal to 3/4" co-extruded H.D.P.E.

- Enclosures and Stanchions [Synergy Imagination] or equal to 3/4" co-extruded HDPE face mounted to 3 1/2" OD posts. Filler bracket consisting of 1/2" extruded HDPE and a bracket consisting of 1 3/4" SQ x 12 GA galvanized steel tubing finished with a baked-on powder coating. One-piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked-on powder coat.
- Enclosures, Climbers, Climbers 2-5 [Synergy] or equal to Synergy side enclosure shall be one-piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked-on powder coat.
- Enclosures and Stanchions [Nucleus, Synergy, Voltage] or equal to One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts. Finished with a baked-on powder coating.
- Enclosure, Offset [Nucleus, Voltage] or equal to one piece all welded construction consisting of 1.315" OD x 14GA and 1.029" OD x 14 GA galvanized steel tubing, 10 GA galvanized sheet and HDPE threaded inserts. Finished with a baked-on powder coating.
- Enclosure, Offset [Synergy] or equal to One piece all welded construction consisting of 1.315" OD x 14 GA, 12 GA and 1.029" OD x 14 GA galvanized steel tubing and 7 GA stainless steel brackets finished with a baked-on powder coating.
- Evolution Barriers and Enclosures [Nucleus] or equal to shall consist of a weldment that is one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, 1.315" OD x 14 GA galvanized steel tubing, 13/16" OD x 15 GA or 1.029" OD x 14 GA galvanized steel tubing, and 8 GA and 10 GA galvanized steel plating, which is finished with a baked-on powder coating. The barriers shall have panel that are made of either 3/4" extruded HDPW or 3/4" co-extruded HDPE. There shall be castings that are A356-T6 aluminum, heat-treated, which are finished with a baked-on powder coating. All hardware shall be stainless steel nuts, screws, and washer.

- Evolution Stairway and Bridges [Nucleus] or equal to Shall consist of a weldment that is one piece all welded construction consisting of 1.315" OD X 12 GA galvanized steel tubing, 1.315" OD X 14 GA galvanized steel tubing, 13/16" OD X 15 GA or 1.029" OD x 14 GA galvanized steel tubing, and 8 GA and 10 GA galvanized steel plating, which is finished with a baked-on powder coating. The barriers shall have panel that are made of either 3/4" extruded HDPE or 3/4" co-extruded HDPE. There shall be castings that are A356-T6 aluminum, heat-treated, which are finished with a baked-on powder coating. All hardware shall be stainless steel. One piece all welded construction consisting of 12 GA HRPO steel surfaces, sides and gussets. PVC coated after fabrication.
- Internal Barrier [Voltage] or equal to Shall consist of four separate parts each being all welded construction consisting of 1.660" OD x 12 GA and 1.315" OD x 14 GA galvanized steel tube and 10 GA galvanized steel plate finished with a baked on powder coating.
- Pipe Walls, Nature Play Pipe Wall [Nucleus, Voltage, Little Buddies] or equal to One piece, all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA galvanized steel tubing, and 1 1/2" x 1/2" x 10 GA formed galvanized steel plate. Finished with a baked-on powder coating.
- Pipe Wall with Steering Wheel or Telescope mount [Synergy] or equal to One piece, all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA, galvanized steel tubing, and 1 1/2" x 1/2" x 10 GA formed galvanized steel plate and 304 SS machined shaft and 7 GA stainless steel brackets, and 1.135" OD galvanized tubing and 7GA stainless steel brackets and threaded insert. Finished with a baked-on powder coating.
- Platform Barrier [Synergy, Nucleus] or equal to barrier panel shall be 3/4" co-extruded HDPE. Hardware package shall be stainless steel screws, nuts & washers.
- Pipe Wall [Little Buddies] or equal to One piece all welded construction consisting of 1.315" OD x 14 GA wall and 1.029" OD x 14 GA wall galvanized tubing, 1 1/2" x 1/2" x 1/8" HR steel channel and zinc coated grade 32510 malleable iron mounting lugs. Finished with a baked-on powder coating.
- Slotted Barrier [Nucleus, Voltage, Little Buddies] or equal to 3/4" co-extruded HDPE.
- Stanchion [Little Buddies] or equal to One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and zinc coated grade 32510 malleable iron mounting lugs. Finished with a baked-on powder coating.

Brackets

- Panel Brackets [Synergy, Voltage] or equal to for accessible reach panels, upper board panels and battlement panels shall be one piece all welded construction consisting of 7 GA stainless steel formed plate and 8 GA galvanized sheet steel finished with a baked-on powder coating.
- Mounting Brackets [Voltage] or equal to Bracket shall be one piece all welded construction consisting of 3/16" stainless steel plate and 1.029" OD x 14 GA or 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked-on powder coating.
- Mounting Tubes [Little Buddies] or equal to Tube shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and a stainless steel threaded insert. Finished with a baked-on powder coating.
- Mounting Tubes [Synergy, Voltage, Nucleus] or equal to Tube shall be one piece all welded construction consisting of a 1.315 OD x .083" wall galvanized tube and a 12L14 steel threaded insert. Finished with a baked-on powder coating.
- Panel Mounting Tubes [Synergy, Voltage] or equal to Tube shall be one piece all welded construction consisting of 3/16" stainless steel plates and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked-on powder coating.
- Slide Entrance Brackets [Voltage, Nucleus, Synergy] or equal to Bracket shall be 14 GA galvanized steel plate finished with a baked-on powder coating.
- Steering Wheel Mount Bracket [Voltage, Little Buddies] or equal to and Post-Mounted Ship's Wheel Bracket [Nucleus] or equal to Bracket shall be one piece all welded construction consisting of a 3/16" stainless steel plate and a stainless-steel threaded shaft. Finished with a baked-on powder coating.

Bridges

- Arched Bridge [Nucleus, Voltage, Synergy] or equal to, Mini Arched Bridge [Nucleus, Voltage, Little Buddies] or equal to One piece all welded construction consisting of 12 GA HRPO steel and PVC coated after fabrication. Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating.
- Barriers [Nucleus, Voltage, or equal to shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked-on powder coating.

- Barriers [Synergy] or equal to shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plate.
 - Barriers [Little Buddies] or equal to shall be ¾" extruded H.D.P.E.
- Guardrails [Nucleus, Voltage] or equal to shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked-on powder coating.
- Arched Catwalk Bridge [Nucleus, Voltage] or equal to One piece all welded construction consisting of 12 GA HRPO steel surfaces with 12 GA sides and gussets [Voltage] or 7 GA sides and gussets [Nucleus] and PVC coated after fabrication. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate, finished with a baked-on powder coating. Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating.
- Buckle Bridge [Nucleus, Voltage] or equal to Plank connectors shall be 304 stainless steel finished with a baked-on powder coating. Bushings shall be oil-impregnated SAE 841 bronze, Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating. Entrance planks and planks shall be one piece all welded construction consisting of a 12 GA HRPO steel surface, 1/4" HR steel sides, and 303 annealed stainless steel threaded studs. PVC coated after fabrication.
- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked-on powder coating.
- Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked-on powder coating.
- Conveyor Belt Bridge [Voltage] or equal to Hanger plates shall be 7 GA HRPO steel and finished with a PVC coating. Belt hangers shall be one piece all welded construction consisting of 7 GA HRPO steel and weld studs. Finished with a PVC coating. Rubber belt shall be 3/8" nylon belted rubber.
- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and grade 32510 malleable iron support pins. Finished with a baked-on powder coating.
- Deck to Deck Plank [Nucleus, Voltage, Little Buddies, Synergy] or equal to Plank steps shall be 3/4" co-extruded H.D.P.E. Deck to deck plank shall be one piece all welded construction consisting

of 12 GA HRPO steel and PVC coated after fabrication. Handholds shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing and 14 GA galvanized steel and finished with a baked-on powder coating. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing and finished with a baked-on powder coating.

- Straight Bridge [Nucleus, Voltage] or equal to One piece all welded construction consisting of 12 GA surfaces and 11 GA gussets. PVC coated after fabrication. Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating.
- Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked-on powder coating.
- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked-on powder coating.

3-IN-A-ROW PANEL, BELOW PLATFORM

- CASTING, FLAT PANEL: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating. B. 3-IN-A-ROW ASSY, 39 ¼ X 43 MAZE: Assembly consisting of ½ and ¾" extruded HDPE panels and stainless steel hardware fasteners.

6' PVC TRADITIONAL BENCH W/ BACK SM

- 6 SEAT BACK: One piece all welded construction consisting of 14 GA HRPO steel. PVC coated after fabrication.
B. SM LEG, BENCH W/BACK: One piece all welded construction consisting of 2 3/8" OD X 12 GA steel tubing and sheet steel. Finished with a baked on powder coating.

8" CLOSURE PLATE, ELLIPSE

- 8" CLOSURE PLATE, ELLIPSE: 1 GA. Galv. Sheet

BIBA BLUE MARKER, TUBES

- BIBA MARKER HOUSING: 3/4" extruded HDPE
- POST ADAPTER: ¾" extruded HDPE
- BIBA BLUE MARKER, TUBES; 3mm dibond

BIBA PURPLE MARKER, OVERHEADS

- BIBA MARKER HOUSING: ¾" extruded HDPE
- B. POST ADAPTER: ¾" extruded HDPE
- C. BIBA PURPLE MARKER, OVERHEADS: 3mm dibond

BIBA RED MARKER, CLIMBERS

- BIBA MARKER HOUSING: ¾" extruded HDPE
- POST ADAPTER: ¾" extruded HDPE
- BIBA RED MARKER, CLIMBERS: 3mm dibond

BIBA YELLOW MARKER, SLIDES

- BIBA MARKER HOUSING: ¾" extruded HDPE
- B. POST ADAPTER: ¾" extruded HDPE
- C. BIBA YELLOW MARKER, SLIDES: 3mm dibond

CONVEX CLIMBER 40" – 48"

- CONVEX CLIMBER 40-48: One piece all welded construction consisting of 1.315" OD X 14 GA & 1.900" OD X 11 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating

COUNTER PANEL, BELOW PLATFORM

- CASTING, FLAT PANEL: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating
- B. COUNTER SUPPORT: Formed 8 GA. Galvanized sheet steel finished with a baked on powder coating
- STORE COUNTER: ¾" extruded HDPE
- PANEL, COUNTER: ¾" extruded HDPE

FS SIGN, AGES 2-12 BOTH SIDES

- FS SIGN GRAME: 10 GA GALV steel finished with baked on black powder coating
- ARCH POST, SIGN: One piece all welded construction consisting of 2 3/8" OD X 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating
- WELCOME SIGN, AGES 2-12: A full color graphic sign printed on 3mm dibond

HALF PIPE WALL

- CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.
- HALF PIPE WALL: One piece all welded construction consisting of 1.315" OD X 14 GA, 1.315" OD X 12 GA and 1.029" OD X 14 GA galvanized steel tubing. Finished with a baked on powder coating.

HALF PLATFORM

- HALF PLATFORM: 12 GA HRPO sheet, finished with a PVC coating

LEAF CLIMBER 32"

- LEAF CLIMBER 32": One piece all welded construction consisting of 1.660" OD X 12 GA and 1.315" X 14 GA galvanized steel tube and 10 GA galvanized steel plate. Finished with a baked on powder coating.
- LEAF STEP: Cast aluminum alloy finished with a baked on powder coating.

LIL NOVO BEAN STEP

- LIL NOVO BEAN PANEL: $\frac{3}{4}$ " Co-extruded HDPE
- B. LIL NOVO SEAT FRAME: One piece all welded construction consisting of 3.5" OD X 11 GA galvanized steel tubing, 8 GA galvanized steel sheeting, and $\frac{1}{4}$ " zinc-chromated HR steel sheeting. Finished with a baked on powder coating

NPS SUPERVISION SAFETY KIT

- NPPS DVD: National Program for Playground Safety Supervision safety kit including training manual, training DVD and supervision fanny pack with supplies.

PLAYMAT 3' X 5' X 2"

- PLAYMAT 3' X 5' X 2": 100% recycled rubber buffing bonded with urethane. To be embedded in rubber at base of slides.

ROCK'N ROLL SLIDE, 40" – 48" W/O HOOD

- NARROW SLIDE, 40" – 48": 1/4" thick, linear, low, density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.

- B. SUPPORT, SLIDE EXIT: One piece all welded construction consisting of 2 3/8" OD X 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.

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SLIDE HOOD, HIGH SIDE WALL

- CASTING, FLATE PANEL: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.
- SLIDE HOOD: Linear, low, density rotationally molded, U.V. stabilized, polyethylene, .250" thick, double wall construction. Textured outside surface.
- SLIDE HOOD WELDMENT, HIGH SIDE WALL, LEFT:
- SLIDE HOOD WELDMENT, HIGH SIDE WALL, RIGHT:

SLIDE HOOD, LOW SIDE WALL

- CASTING, FLAT PANEL: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.
- SLIDE HOOD: Linear, low, density rotationally molded, U.V. stabilized, polyethylene, .250" thick, double wall construction. Textured outside surface.
- SLIDE HOOD WELDMENT, HIGH SIDE WALL, LEFT:
- SLIDE HOOD WELDMENT, HIGH SIDE WALL, RIGHT:

SOLIS POST TOPPER

- POST TOPPER, ABSTRACT: 12 GA galvanized steel sheet. Finished with a baked on powder coating.
- WELDMENT, POST TOPPER: One piece all welded construction consisting of 1.900" OD X 11 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.

SPLIT SQUARE PLATFORM CLOSURE PLATE

- 8" CLOSURE PLATE, SPLIT SQ: 14 GA galvanized steel plate finished with a baked on powder coating.
- SPLIT SQUARE PLATFORM: 12 GA HRPO sheet, finished with a PVC coating

SPROCKET PANEL, BELOW PLATFORM

- CASTING, FLAT PANEL: A356-T6 Aluminum, Heat-Treated. Finished with a baked on powder coating.
- SPROCKET PANEL, NUCLEUS: Assembly consisting of 3/4" extruded HDPE panel, 1/2" extruded HDPE gears, 1/4" clear polycarbonate window, nylon washers and stainless steel hardware

TRANSFER STATION, BARRIER 32"

- CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.
- TUBE, 1.315 X 47 ½": 1.315" OD X 12 GA galvanized steel tubing finished with baked on powder coating.
- TOP STAIR BARRIER: One piece all welded construction consisting of 1.315" OD X 12 GA & 1.029" OD X 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating.
- TRANSFER BARRIER, 16": One piece all welded construction consisting of 1.315" OD X 12 GA steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.
- 45 1/2" SINGLE POST SUPPORT: One piece welded construction consisting of 3.5" OD X 11 GA galvanized tubing and a ¼" HRS mounting plate finished with a baked on power coat.
- SINGLE POST TRANSFER PLATFORM: One piece welded construction consisting of 12 GA sheet steel, ¼" HRS mounting plate and a 4 ½" x 11 GA steel tubing finished with a PVC dipped coating.
- 16" ACCESSIBLE STAIRS: One piece all welded construction consisting of 12 GA HRPO steel surfaces, sides and gussets. PVC coated after fabrication.

TRIANGLE PLATFORM

- TRIANGLE PLATFORM S5P: 12 GA HRPO sheet, finished with a PVC coating

UNITARY ENCLOSURE

- CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating
- S5 UNITARY ENCLOSURE: One piece all welded construction consisting of 1.315" OD X 14 GA, 1.315" OD X 12 GA, and 1.029" OD X 14 GA galvanized steel tubing and HDPE threaded inserts. Finished with a baked on powder coating.

VIPER L2 48-56 W/O HOOD

- ENTRANCE SLIDE SECTION: ¼" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.

- EXIT SLIDE SECTION: ¼" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.
- 45 DEF LEFT SIDE SECTION: ¼" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.
- SUPPORT, SLIDE EXIT: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on power coating.
- SLIDE SUPPORT 2J: 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat.

VOLTA INCLUSIVE SPINNER

- PLATE, 8" OD x 12 GA galvanized steel plate
- THRUST BALL BEARING 2 ¾ ID: Heavy duty, precision thrust, sealed ball bearing
- VOLTA INCLUSIVE SPINNER: Linear, low density rotationally molded, U.V. stabilized, polyethylene, .250" thick, double wall construction. Textured outside surface.
- BASE, CAROUSEL PLATFORM: One piece all welded construction consisting of 3 ¼" OD DOM steel tubing, ¼" & 7 GA HR steel plate, and 2 ¾" dia. steel round with e-coat playing. Finished with a baked on powder coat.
- FRAME, VOLTA SPINNER: One piece all welded construction consisting of 5 ½" OD x 3/8" wall DOM steel tubing hub with 1.9" OD galvanized steel support arms, 8 GA mounting plate, and 12 GA preventive plate, finished with a baked on powder coating.
- SPEED LIMITER, VOLTA SPINNER: Assembly consisting of a high torque low speed hydraulic motor with flow control valving, a stainless steel motor coupling, a steel bracket, stainless steel set screws, zinc plated hardware, steel hydraulic fittings and hose ends.

WELCOME SIGN, BIBA AGES 2-12

- 8 GA SIGN INSERT: 8 GA galvanized sheet steel finished with a baked on powder coating.
- SIGN FRAME: One piece welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing, 8 GA galvanized sheet steel finished with a baked on powder coating
- DIBOND WELCOME SIGN, BIBA AGES 2-12: 3mm full color dibond

WARRANTY REQUIREMENTS:

- One Hundred (100) Year Limited Warranty on aluminum and steel upright posts against structural failure due to corrosion, deterioration or workmanship.

- One Hundred (100) Year Limited Warranty on clamps against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on Hardware (nuts, bolts, washers)
- One Hundred (100) Year Limited Warranty on bolt-through fastening and clamp systems.
- Twenty-Five (25) Year Limited Warranty on spring assemblies and aluminum cast animals.
- Fifteen (15) Year Limited Warranty on structure platforms and decks, metal roofs, table tops, bench tops, railings and barriers against structural failure due to materials or workmanship.
- Fifteen (15) Year Limited Warranty on all plastic components including StoneBorders against structural failure due to materials or workmanship.
- Ten (10) Year Limited Warranty on Canopies fabric, threads, and cables against degradation, cracking or material breakdown resulting from ultra-violet exposure, natural deterioration or manufacturing defects. This warranty is limited to the design loads as stated in the specifications.
- Ten (10) Year Limited Warranty on products against *structural failure due to natural deterioration or workmanship. Natural wear, which may occur with any concrete product with age, is excluded from this warranty*
- Ten (10) Year Limited Warranty on Full Color Custom Signage against manufacturing defects that cause delamination or degradation of the sign. Full Color Custom Signs also carry a two (2) year warranty against premature fading of the print and graphics on the signs.
- Five (5) Year Limited Warranty on cables and flex bridge against premature wear due to natural deterioration or manufacturing defects. Determination of premature wear will be at the manufacturer's discretion.
- Five (5) Year Limited Warranty on moving parts, including swing components, against structural failure due to materials or workmanship.
- Five (5) Year Limited Warranty on cables and mallets against defects in materials and workmanship.
- Three (3) Year Limited Warranty on electronic panel speakers, sound chips and circuit boards against electronic failure caused by manufacturing defects.

Specifications for Poured in Place Rubber Surfacing by Quality Court Industries or approval equal:

DESCRIPTION

- All necessary material components shall be obtained from trusted, pre-approved

quality suppliers and / or American Recycling Center, Inc. (95% materials made in United States).

- Quality Court Industries, LLC is enrolled in the Materials Certification Program verifying the materials shipped to job site. To ensure the same material tested is the same material used a “Certificate of Compliance” shall be issued.

- **QUALITY ASSURANCE**
 - Qualifications
 - Installers are generally in house.
When outside installers are used they will adhere to specific Quality Court Industry, LLC guidelines.

- **DESIGN AND DETAILING**
 - Poured in place rubber surface is utilized in and around play equipment as an impact absorbing cushioned surface.
 - Sub-bases of asphalt, concrete or compacted crushed stone are acceptable for base materials. Other substrates must be approved prior to application.

- **DELIVERY, STORAGE AND HANDLING**
 - All materials shall be delivered in good condition in original unopened packages with all labels and documentation intact.
 - Materials shall be protected from weather and stored at room temperature, not less than 40 degrees Fahrenheit.

- **PROJECT CONDITIONS**
 - Ambient air temperatures shall be 40 degrees Fahrenheit and rising at the time of installation of the system and shall remain at 40 degrees Fahrenheit or greater for 48 hours after completion of installation.
 - All pour in place surface materials shall be protected from extreme weather, vandalism, foot and animal traffic, or other damage before, during and after application to ensure proper curing.

PART II – EXECUTION

■ INSPECTION

Prior to application of the surface, the supervising applicator will evaluate the sub-base for grade and structural performance. Notice of all discrepancies shall be reported to the project manager and will proceed only when the conditions are corrected or if he/she is supplied with the written notice acknowledging the existing condition and authorization to move forward has been obtained.

■ INSTALLATION

- The sub-base shall have a specific minimum 1% slope or no less than 1" in 10' in any one given direction towards drains or to the outside perimeter of the playground. Base must exhibit positive drainage. Concrete base shall have a broomed finished and must cure for a minimum of seven (7) days, asphalt must cure for 14 days (after curing, asphalt must be pressure washed before surface installed). Compacted Stone sub base shall maintain slope to drains or to low end and must exhibit positive drainage in all areas. Compacted Stone base must be mechanically compacted to a 90% compaction ratio (note: a compaction test is required and must be submitted to Quality Court Industries, LLC prior to installation.)
- Thickness: Surface thickness will vary in the cushion course according to the required fall height. The required thickness within a continuous surface area may vary from the specific equipment to other play structures. Where this occurs, provide a smooth, uniform transition between areas.
- Primer shall be applied as needed at the rate of 300 square feet per gallon to asphalt or concrete using a short nap roller or spray equipment.
- The Base Mat: This material shall be mechanically mixed using a mortar mixer at a ratio of one 50 lb. Bag of 4-8 mesh buffing to 16 lbs. of premium aromatic binder. The materials should be mixed until all material is uniformly coated with binder. The materials shall then be poured in place and hand troweled at the specified thickness. Using a beam to determine depth of base, straight edge and strike off excess material to desired thickness, trowel as required to smooth finish. Allow the base mat to cure, usually 8/24 hours, depending on temperature and humidity.
- The wearing course: Apply primer to the base mat at a rate of 300 sq. ft. per gallon. The primer mix is aromatic urethane binder in a ratio of 60/40 with ethyl acetate to prime the base mat. The wearing course shall be installed at nominal ½" thickness unless otherwise specified. The wearing course shall have a surface weight of 2.73 lbs. per sq. foot. The wearing course shall be mixed using the appropriate combination of colored rubber and premium rubber granules by a mechanical mixer (mortar mixer) until all granules are uniformly coated with binder. Surface materials shall be mechanically mixed at a ratio of one 55 lb. bag to 12 lbs. of Premium Approved binder. Using a 5/8" beam to achieve uniform thickness, straightedge and strike off excess material, trowel as required to smooth finish. For compacting, lubricate trowel with mineral spirits.

Allow 48-72 hours curing time (depending on temperature) before allowing foot traffic on area. To assist in curing a light mist of water may be applied.

- Where graphic designs and color transitions are specified, there shall be a full wear course depth. Where transitions occur between colors, if the first color is cured, the edge of the first color installed should be primed to receive adjacent color. If the colors are installed wet on wet no primer is needed.
- Large areas: Prior to installation, the installer shall report to the project manager locations of cold joints for approval.

▪ **SECURITY**

Security is an essential part of every application. Protection of the uncured surface should be a primary concern. Foot traffic must be restricted on both the base and top course installations to ensure proper curing and aesthetics. Finished system must cure 48 to 72 hours (pending ambient temperature) prior to use.

▪ **CLEANING**

Perform cleaning during installation of the work and upon completion of the work. Remove from the site all excess materials, debris and equipment.

PART III – MATERIALS

GENERAL

- Pour in place rubber surface shall be porous and non-slip.
- Primer: single component moisture cured polyurethane primer (note: Approved Polyurethane Premium Binder) mixed with ethyl acetate at a rate of 60/40.
- Aromatic Binder: The premium binder is a single component MDI, aromatic binder with slight odor manufactured to withstand extremes in temperature and weather.
- Aliphatic Binder: The binder is a single component MDI, non ambering

binder with slight odor manufactured to withstand extremes in temperature and weather.

- Cushion layer SBR buffing/shred: This rubber is 100% recycled and screened to 4 – 8 mesh strands containing less than 2% dust. This material is conveniently packaged in 50 lb. bags.
- Colored Rubber: Both TPV and EPDM rubber granules can be used depending on the color choices desired. Both products are UV stable and have been tested and proven in the safety surface industry.
- Premium 1350 Black Rubber is UV stable and is sized from 1 – 3.5 mm. This material is 100% recycled from post-industrial scrap rubber and consists of a high grade mixed polymers.

BASE OPTIONS

- Asphalt-Requires minimum thickness (typically 4”) for non-weight bearing loads per the standards of the geographic region and must cure for at least 14 days.
- Concrete-Requires minimum thickness (typically 4”) for non-weight bearing loads per the standards of the geographic region and must cure for at least seven (7) days.
- Crushed stone-
 - 90% Standard Proctor Compaction (as per ASTM Test) is of the critical importance.

MAINTENANCE

- Although it is not required, power washing (Do not exceed 1500 psi) will improve the aesthetic appearance of the surface. This may be done 1 to 2 times per year.
- For stain removal, the use of a commercial or household detergent soap that is not caustic, acidic or solvent based, mixed with warm water, is recommended.

Section 7.0 - Hours of Work:

Work shall be performed during normal working hours. All work must be scheduled with owner representative 5 days in advance. The successful bidder shall work normal building working hours (7:00am – 5:00pm) to provide a safe work environment at no extra charge to Jefferson Parish.

Section 8.0 – Cleaning Area and Safety:

Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Inflammable material must be removed from the job site daily, because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare and safety of the general public, employees of Jefferson Parish, and other Parish officials.

Section 9.0 – Permits:

The successful bidder shall obtain any and all permits required by the Jefferson Parish Department of Inspection and Code Enforcement. The successful bidder shall also be responsible for payment of these permits. All permits must be obtained prior to the start of the project.

Section 10.0 – Pre-Construction Conference and Notice to Proceed:

A Pre-Construction Conference shall be held between the successful bidder and the owner before any work commences. No work shall be performed until the successful bidder receives a written “Notice to Proceed” to begin work.

Section 11.0 – Construction Term

Upon receiving a Notice to Proceed, the successful bidder agrees that all work to be completed as follows: Vendor agrees to commence actual physical work on the site with adequate force and equipment within **10 WEEKS** from the date of notice to proceed. All work shall be substantially completed in **4 MONTHS**. Consecutive calendar days from date of Notice to Proceed.