

# AAA-03-01-2017

DATE 3/1/2017

PREPARED BY: [REDACTED]

RFI STATUS: SUBMITTED TO COUNTY

## FIXED SEATING REPLACEMENT

### RFI Line Items

ITEM	MFR	MFR PART # (SKU)	ECPU	MIN QTY	PMP	PAP	PF	ETD	ETD: ESTIMATED DELIVERY TIME
End-of-Life replacement of 477 fixed, padded, and upholstered premium level audience seats.			[REDACTED]	1	[REDACTED]	[REDACTED]	1	112	[REDACTED]
Totals									

PLEASE REFER TO ATTACHED PROJECT SCOPE.

[REDACTED]

**PROJECT DESCRIPTION:** End-of-Life replacement of 477 fixed, padded, and upholstered premium level audience seats. The replacement seat will be a comparable premium fixed, padded, and upholstered audience seat (as specified), floor mounted with self-lifting seat that rises to a uniform 3/4-safety fold position.

**APPROXIMATE PROJECT COST:** \$180,000 - \$390,000 contingent on final approved fixed seat option

**SCOPE OF WORK:**

- Remove and dispose of existing 477 fixed chairs. Disposal containers will be arranged by BPL.
- Deliver and install 477 fixed padded and upholstered chairs as specified, floor mounted, with self-lifting seat that rises to a uniform 3/4-safety fold position.
- Vendor must take own field measurements. Coordinate actual dimensions of affected fixed upholstered chair seating installation by accurate field measurements before fabrication. Show recorded measurements on final shop drawings.
- Coordinate field measurements and fabrication schedule with event schedule to avoid delay of Work.
- Confirm existing conditions and verify with field measurements to document the various seat widths and seat back heights and any other variations that affect the replacement in order to ensure proper fit and maximize chair widths and site lines.
- Seating layout (shop drawings) developed from the contract drawings that show aisle widths, chair spacing for each row, cupholders, row-lettering and chair-numbering scheme, chair dimensions and back pitch.
- Chair widths and back height may increase from existing seats only if sightlines are not affected.
- Back height and pitch shall be fixed as shown on seating layout drawings.
- Seats shall be padded and upholstered on their top surface with a structural, injection molded polypropylene seat foundation. Seats shall self-rise to a uniform position when unoccupied. The mechanism shall be certified through routine ISO testing to exceed 300,000 cycles during ASTM Designation F851-87 Test Method for Self-Rising Seat Mechanism. In addition, the seat shall withstand as a 600 lb. static load test applied approximately 3" from the front edge of the seat assembly and a 50,000 cycles 125 lb. vertical drop impact test.
- Final finishes shall be approved by BPL. Provide samples for verification and finish selection to include:
  - Initial finish selections to be made from manufacturer's standard color and fabric guides.
  - Final powder coat selection to be approved from manufacturers standard-sized samples not less than 1" x 3".
  - Final laminate selection to be approved from manufacturers standard-sized samples not less than 2" x 2".
  - Final plastic color selection to be approved from manufacturers standard-sized samples not less than 2" x 3".
  - Final wood finish selection to be approved from manufacturers standard-sized samples not less than 4" x 3".
  - Final upholstery fabric selection to be approved from fabric mills standard swatch size if available.

- Cupholders shall be provided and attached to the front of each chair in locations detailed on the seating layout drawings. Upper opening diameter of the molded cupholder shall be 3-3/4", with a bottom restriction to accommodate a variety of container sizes.
- Fixed seating shall be floor mounted. Final mounting materials to be approved by BPL.
  - If used, Steel shall meet requirements for ASTM A 36/A 36M plates, shapes, and bars; ASTM A 513 mechanical tubing; ASTM A 1008/A 1008M cold-rolled sheet; and ASTM A 1011 hot-rolled sheet and strip.
  - If used, Cast Iron shall meet requirements for ASTM A 48/A 48M, Class 25, gray iron castings free of blow holes and hot checks with parting lines ground smooth.
  - If used, Cast Aluminum shall meet requirements for ASTM B 85 aluminum-alloy die castings.
  - Prior to powder coating, metal and cast iron parts shall be treated with a zinc phosphate cleaning process for superior finish adhesion. All cast iron and steel parts shall be coated with a corrosion inhibiting primer to a minimum thickness of 1 mil. The hybrid thermosetting powder coat finish shall be applied by electrostatic means to a thickness of 2 - 5 mils. After coating, parts shall be oven baked to create a durable finish that meets the following test standards for weathering and corrosion:
    - No blistering, cracking, de-lamination or chalking
    - 5 Year South Florida or 10 Year South Florida (2800MJ EMMAQUA)
    - Delta E ≤ 5 when tested per ASTM D2244
    - Loss of Gloss at a minimum of:
      - 40% for 5 Year South Florida Powders when tested to ASTM D523
      - 50% for 10 Year South Florida Powders when tested to ASTM D523
    - No greater than a No. 8 rating for colors and a No. 6 rating for whites per ASTM D4214, test method A
    - Cross Hatch Adhesion of 5B (No Loss) per ASTM D3359B
    - Pencil Hardness with a minimum rating of 2H per ASTM D3363
    - Front impact of at least 80in-lbs when tested per ASTM D2794
    - No more than 5% rust after 1500 hours tested per ASTM B117
      - Any perceived blistering, cracking, or de-lamination at no less than a scribe rating of 7 (1/16" or 2mm maximum creep) per ASTM D1654
    - Color shall be chosen from manufacturer's standard offering.
- Furnish complete seat and back assemblies equal to 2% of amount installed for each type and size of chair seat and back.
- Furnish seat and back fabric covers equal to 2% of amount installed for each type and size of cushion.

### **TIMELINE:**

- Installation timeline will be contingent on the final home basketball game played at the venue and the installation shall be completed by September 30, 2017.
- Vendor must submit a schedule of anticipated work days to the Vice President, Operations for approval and must account for events as follows:
  - Event Days – crews allowed onsite from 7am – 3pm when the event occurs in the evening;
    - Crews will not be allowed onsite when an event occurs in the morning and/or afternoon (e.g., Disney on Ice matinees and school shows); and
  - Non-Event Days – crews allowed onsite for extended hours as needed.
- Vendor must coordinate field measurements and fabrication schedule with event schedule to avoid delay of work.
- Work shall be 100% complete in any given area when events intervene.

### **WARRANTY:**

- Minimum warranty periods as follows:
  - Structural Components: five (5) years.
  - Operating Mechanisms: five (5) years.
  - Plastic, Wood and Painted Components: five (5) years.
  - Upholstery Fabric: one (1) year.

### **RESTRICTIONS AND QUALIFICATIONS:**

- The proposed Vendor must be a Value Added Reseller of the manufacturer of the final, approved seat.
- The proposed Vendor must have the following experience and certifications:
  - Vendor shall provide a list of a minimum of three (3) facilities (facility, contact name, title, address and current phone number) where the Vendor has provided seats and installed fixed seating of equivalent size and scope within the last five (5) years.
  - Vendor shall provide ten (10) seating projects of similar size, complexity, and in service for at least five (5) years.
- Following is a listing of acceptable manufacturers and premium seating lines being considered for installation. Vendor recommended substitutions will be approved solely at the discretion of BPL.
  - Manufacturer: Hussey Seating Company, U.S.A.
    - Address: 38 Dyer St Ext., North Berwick, Maine, 03906
    - Telephone: (207) 676-2271; Fax: (207) 676-9690
    - Product: Hussey Quattro Chair System, Designer Series
  - Manufacturer: Irwin Seating Company
    - Address: 3251 Fruit Ridge NW, Grand Rapids, MI, 49544
    - Telephone: (616) 574-7400; Toll Free: (866) 464-7946
    - Product 1: Marquee, Model 51.12.18.12
    - Product 2: Signature, Model 71.12.18.12
  - Manufacturer: Navetta Design
    - Address: 4824 Socialville Foster Road #2, Mason, OH 45040
    - Telephone: (800) 411-1979; Fax: (513) 489-7539
    - Product: Eidos

- If the proposed Vendor is not the installer, they must contract, at their cost, an experienced Installer who has specialized in installation of audience seating similar to types required for this project and who is acceptable to, or certified by, the seating manufacturer.
- Prior to award, proposed Vendor shall provide a sample fixed seat representative of the proposed fixed seating option.

**INSURANCE:**

- Vendor shall purchase and maintain during the entire project and for two years after project completion insurance with the minimum limits and coverage shown below from insurance companies acceptable to Basketball Properties, Ltd. (“BPL”). BPL has the right to reject unacceptable insurance carriers.

<b>STANDARD INSURANCE REQUIREMENTS</b>	
<b>Coverage Type</b>	<b>Limits</b>
General Liability	\$1,000,000 Per Occurrence; \$2,000,000 General Aggregate; \$2,000,000 Completed Operations Aggregate
Auto Liability (All Hired Non-Owned)	\$1,000,000 for all jobs
Worker’s Compensation	Statutory Limits; \$1,000,000 Employers Liability

- Vendor shall carry standard ISO General Liability coverage, written on an occurrence basis including Completed Operations. Coverages on an occurrence basis shall be maintained without interruption from date of commencement of the Vendor’s Work until date of final payment or date coverage is required to be maintained after final payment to the Vendor, whichever is later. The coverage must be endorsed to name Basketball Properties, Ltd., City of Miami, and Miami-Dade County as additional insureds on a primary and non-contributory basis.