

**RFP 23-19
FULL CANTILEVER HIP SHADE
CITY OF HAMMOND**

**August 12, 2022
10:00 a. m.**

Received (2) Two Proposals:

COMPANY	PRICE
Bliss Products and Services , INC	\$35,110.00
Planet Recess	\$65,842.00

Bids were due in by 10:00 a. m. Friday, August 12, 2022

Present at bid:

Krystle Noto, Assistant Purchasing Agent

Vivian Magee, Buyer

Carol Billon, Planet Recess

General Info

Total:

\$35,110.00

Number	Description
RFP 23-19 Full Cantilever Hip Shade	Provide and install a Full Cantilever Hip Shade for Zemurray Park Pool area, consisting of 4 columns (2 columns will be shared) and 3 fabric pieces for total coverage of 15' x 93' x 12' high at entry. Each of the three areas shall measure 15' x 31'. Shades shall be manufactured by Modern Shade LLC or approved equ
Deadline	
08/12/2022 10:00 AM CDT	
Vendor	
Bliss Products and Services, Inc.	
Submitted	Allows zero unit prices and labor
08/10/2022 02:33 PM CDT	No
Signed by	Allows negative unit prices and labor
Gregg Bliss Account Holder Gregg Bliss	No
Opened	
08/12/2022 10:00 AM CDT By noto_kk@hammond.org	

General Information:

Name of Firm: *

Bliss Products and Services, Inc.

Address: *

6831 S Sweetwater Road Lithia Springs, GA 30122

Contact Person: *

Kristen George, Bid Manager

Phone Number: *

(800) 248-2547

Fax:

(866) 920-1915

E-mail: *

info@blissproducts.com

PROPOSAL AMOUNT

\$35,110.00

Proposer agrees to Furnish All Material, Supplies and Services in complete accordance with all RFP 23-19 Specifications for the sum indicated:

(Amounts shall be shown in words and digits. In case of discrepancy, words shall govern.)

TOTAL PRICE IN WORDS *

thirty five thousand one hundred ten dollars and zero cents

TOTAL PRICE IN DOLLARS *

\$35,110.00

Attachment List

RFP 23-19 Full Cantilever Hip Shade.pdf (2.6 MB)

Required Document List

Name	Omission Terms	Submitted File
RFP Package Upload proposer's RFP Package.	I do not have additional documents to attach.	Document_2022-08-10_15292
Additional Attachment Upload additional attachment.	I do not have additional documents to attach.	City of Hammond - Cantilever Shades.pdf
2 Required Documents		

This is the Proposal of:

Date: 8/10/2022
Company: Bliss Products and Services, Inc.
Section 3 Business/WBE/SBE/MBE/DBE: N/A
Address: 1031 S. Sweetwater Rd.
City: Lithia Springs State: GA ZIP Code: 30122
Person to Contact: Kristen George, Bid Manager
Phone: 800-248-2547 Fax: 800-920-1915
Email: info@blissproducts.com

Your Proposal is important to us.

However, should you choose NOT to submit a Proposal for this project, the City would still ask you to complete this sheet and indicate "No Proposal". This shall NOT affect your participation in future RFPs, but only serve as a means of verifying you received notification of this RFP.

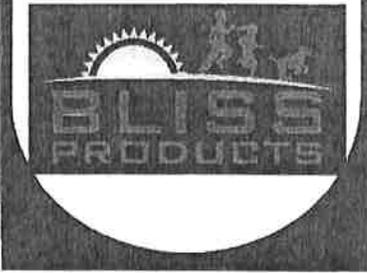
Section 3 Business/WBE/SBE/MBE/DBE

The City encourages Proposals from Section 3 businesses, Woman Business Enterprises, Minority Business Enterprises, Small Business Enterprises, and other potentially Disadvantaged Business Enterprises. If your company is one of these types of businesses, please indicate "Section 3," "WBE," "SBE," "MBE," or "DBE" in the space provided above.

Nondiscrimination Requirements

By submitting and signing this Proposal, the Proposer agrees to comply with Title VI and VII of the Civil Rights Act of 1964 as amended; the Vietnam Era Veterans Readjustment Assistance Act of 1974; Section 503 of the Rehabilitation Act of 1973; Section 202 of Executive Order 11246 as amended; and the Americans with Disabilities Act of 1990. The Proposer also agrees to keep informed of and comply with all federal, State, and local laws, ordinances, and regulations which affect the Proposer's employees or prospective employees.

About Superior Shade



At Superior Recreational Products (SRP), we provide you with standard and custom shade structures for nearly every outdoor location. Our shade line delivers creative solutions and unique designs for your biggest need—protection from the sun.

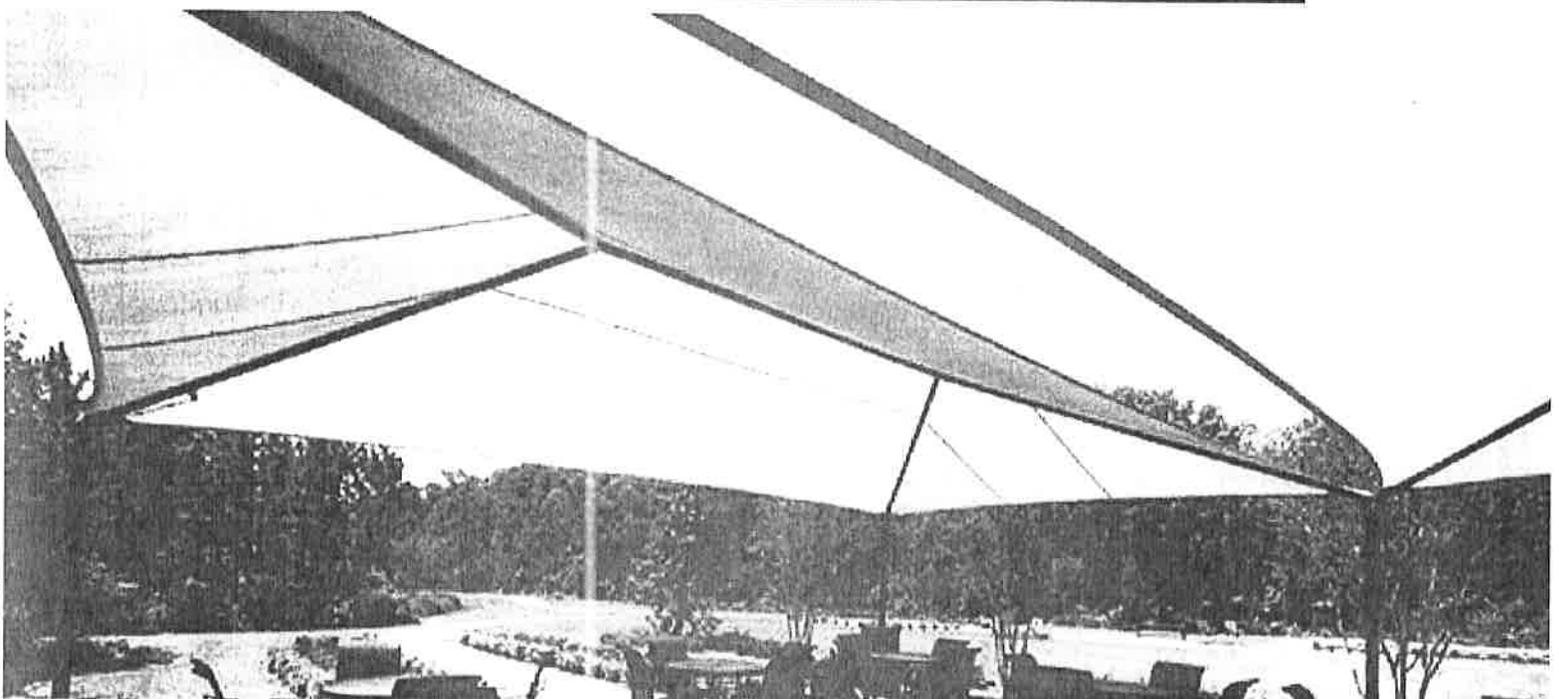
SRP is located in Carrollton, GA where we manufacture each and every shade. We serve a variety of markets including parks and recreation, sport facilities, zoos, aquariums, hospitality, schools, and universities.

Our top features and benefits include: block up to 98% of UV rays, UV stabilized fabric to resist fading and unraveling, structure that meet local building codes, reduction of temperatures by up to 25 degrees, frames that withstand wind gusts up to 150 mph, glide elbow fabric release mechanism.

Our Superdurable powder coat is one of the best in the industry. After removing all surface rust and oil, our frames are coated with an Epoxy TGIC Powder Coating Zinc-Rich primer. After the primer application, we apply Superdurable Polyester TGIC Powder Coating.

With our Glide Elbow quick-release mechanism, installation and removal of your fabric is completed with the use of a wrench or cordless drill that has an appropriately sized socket.

Our shade structures block up to 98% of UV rays that can damage playground equipment, motor vehicles, and building facades, not to mention your skin. That's why we put so much work into our products. Whether it's a customer shade sail or commercial umbrella, we care about shading our friends, family, and customers from the sun. Our shade products also create spaces where children, families, and neighbors can gather for picnic and enjoy quality time where memories are made!

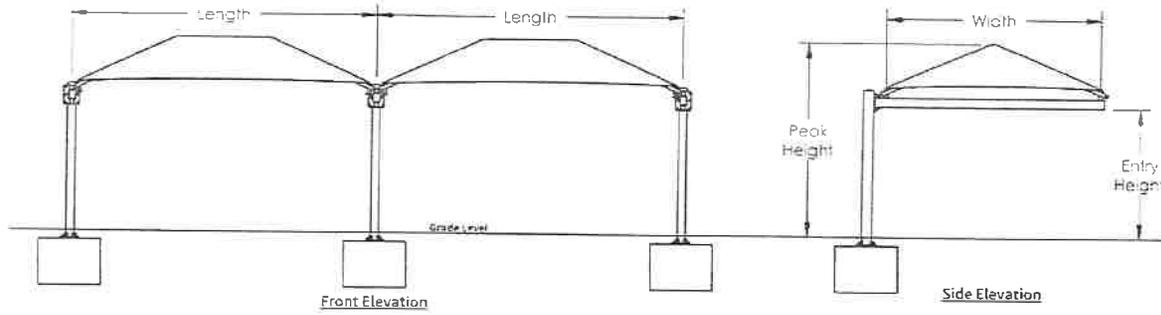
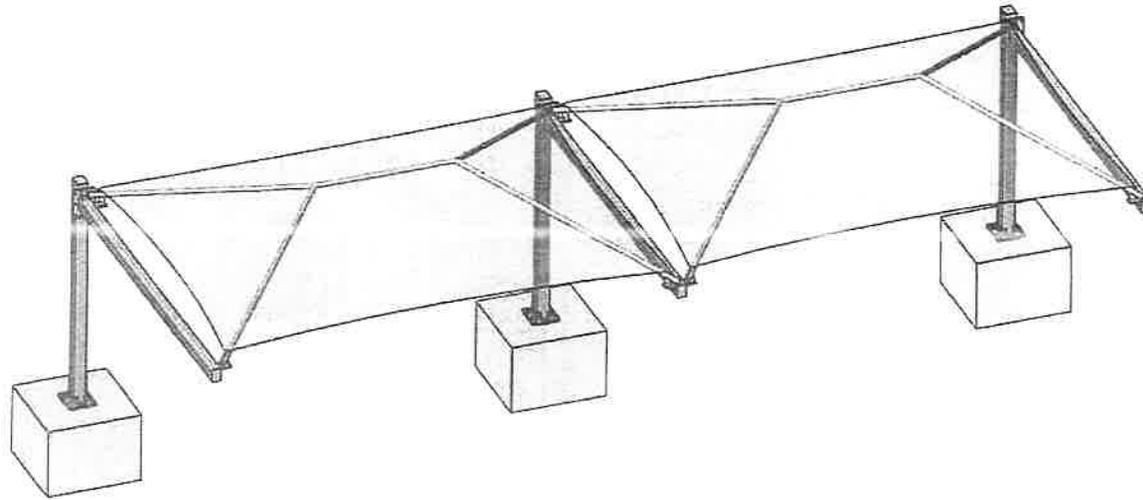


NOTE: DRAWING SHOWS TWO DOMES, BUT THERE WILL BE A TOTAL OF THREE

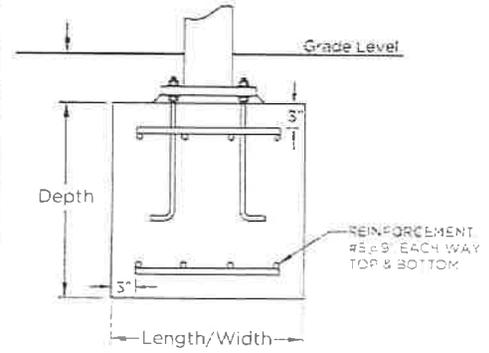
Hanging Cantilever Hip Shade

Length	Width	Entry Height
Peak Height	Elbow	Column Mount
Column Size	Rafter Size	Ridge Size
Column Length	Rafter Length	Ridge Length

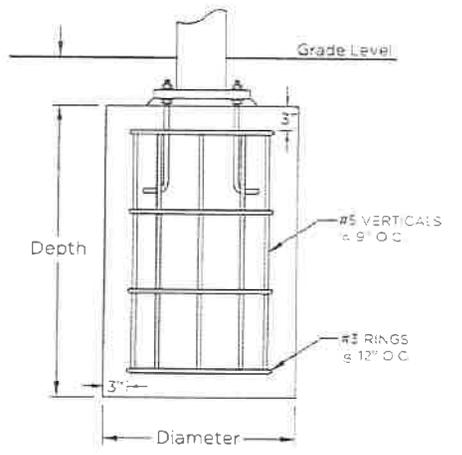
Dome Qty Column Qty



Square Footing		
Column	Length & Width	Depth
Single Cap		
Double Cap		



Auger Footing		
Diameter	Single Cap Depth	Double Cap Depth
1'-6"		
2'-0"		
2'-6"		
3'-0"		



SHADE

DEPTH

4-1/2" DIA
31 X 15

SHADE STYLE
Hanging Cantilever
Hip Shade

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Scope: Provide and install a Full Cantilever Hip Shade for Zemurray Park Pool area, consisting of 4 columns (2 columns will be shared) and 3 fabric pieces for total coverage of 15' x 93' x 12' high at entry. Each of the three areas shall measure 15' x 31'. Shades shall be manufactured by Modern Shade LLC or approved equal.



Sample Picture

Bidder requirements:

- Bidder must have a valid Louisiana contractor's license that was originally issued at least 5 years prior to bid date.
- Bidder must have experience installing similar shade projects and can supply references upon request.
- Bidder must have visited the site at least 7 days prior to bid date and must fully understand the scope of the project and should immediately raise any problematic issues so these might be addressed in an addendum well in advance of the bid date. Bidder must call at least 2 business days ahead to schedule a site visit with Chris Mouswaswa 225-773-1089.
- Bidder must follow manufacturer's installation instructions and footing details.

**PRE-ENGINEERED FABRIC
TENSION STRUCTURES**

PART 1 GENERAL

1.1 Summary

The shade structure manufacturer shall be responsible for the design, engineering, fabrication and supply of the work specified herein.

1.3 Project Conditions

Field Measurements: Verify locations by field measurements prior to construction.

1.4 Warranty

- A. The manufacturer shall provide a 10-year non-prorated warranty on the shade fabric and Teflon stitching against cracks, tears, material breakdown or significant fading as a direct result of ultraviolet exposure with the exception of Red, which carries a 3-year limited warranty. Shade fabrics over 40' in length carry a limited 5-year non-prorated warranty.
- B. The manufacturer shall provide a 20-year non-prorated warranty against failure due to rust-through corrosion on steel frames.
- C. The manufacturer shall provide a 1-year warranty on all moving parts, surface coat finish, or any other product or part not covered by the above warranties.

PART 2 PRODUCTS

A.1 Related Documents

Pre-Engineered Package: the proposed structures – 4 Posts (2 shared posts) with 3 fabric pieces, Full Cantilever Shade measuring 93' x 15' x 12' High at entry. The shade structure shall be modular and pre-fabricated, and include the structural steel frame, fabric roof, steel cables, all fasteners, and detailed installation instructions of structure(s) including foundations. The proposed structure(s) also need to include engineering drawings and calculations.

- A. The shade structure shall conform to the current adopted- version of the International Building Code including local agency amendments and additions to the code. D. All shade structures shall be engineered and designed to meet a minimum.
 - 90 mph nominal wind load (or 115 mph ultimate wind speed) with fabric attached
 - 150 mph nominal wind load without fabric (steel frame only)
 - 5 psf snow load

A.2 Materials Framing

- A. Utilized per manufacturer's specifications and sealed engineering drawings
- B. Rolled steel plates, shapes, and bars shall be structural quality carbon steel complying with ASTM A- 36, except where engineer drawings specify otherwise.
- C. Structural steel tubular products shall be cold-formed structural quality carbon steel complying with ASTM A-500, Grade B except where engineer drawings specify otherwise.
- D. Reinforcement steel as required or designed per detailed specifications excepted by Structural Engineer.
- E. All structural steel shall be fabricated and erected in accordance by and as recommended by the AISC Manual of Steel Construction.

A.3 Powder Coat Finish

- A. All Structural Steel shall be blasted and treated with de-greaser to remove any unwanted substances.
- B. Pre-heated to remove any welding gas impurities and moisture.
- C. All Structural Steel (galvanized and non-galvanized) including welds to be primed with Zinc rich primer.
- D. Powder coated in the approved color by electro-statically applying and backing at 400 degrees Fahrenheit to a minimum thickness between 3.0 – 5.0 mil for a consistent glossy finish.
- E. TGIC polyester powder shall meet or exceed ASTM standards for adhesion, hardness, impact, flexibility, over bake resistance, and sea spray resistance.

A.4 Galvanized Finish

- A. Corrosion resistance obtained by using patented Flo-Coat TM process.
- B. Steel treated with a molten zinc bath to remove unwanted substances and prepare steel for maximum adhesion.
- C. Steel treated with chromate applications to further prime and seal for adhesion and resistance
- D. Final Polymer coating applied to seal and protect.

A.5 Shade Fabric and Thread

- A. High-density polyethylene woven architectural fabric, 85% - 98.8% Ultraviolet Resistant.
- B. ALL fabric seams shall be sewn with minimum 2000 Denier PTFE thread utilizing the lock stitch sewing method. PTFE Thread will not lose any significant strength due to UV or chemical exposure. Chain stitching of any kind shall not be used.
- C. Water runoff: Runoff Roof Angle 75% - 14 degrees
- D. Provides an average of 85% or greater shade covered area.
- E. Temperature stability at a maximum +176degrees/-13degrees minimum.
- F. Utilized in accordance to manufacturer's shade cloth specifications product data, installation instructions use limitations and recommendations for the entire structure, including both published data and specified data prepared for this project.
- G. Approved Fire Rating as a result of the ASTM E-84 (Class A). Also available upon request substitute fabric with extra fire retardant to pass California Fire Marshall and NFPA 701 Test Method 1 & 2.
- H. Fabric shall be lead free.
- I. Fabric cable pockets are double folded to provide extra reinforcement.
- J. Fabric corners shall be reinforced with minimum 3" internal seat belt webbing that connects each cable pocket opening in semi-arc pattern with cross section of webbing connecting to corner attachment. Standard and Super Structure Hips shall have a stainless-steel plate sewn into internal webbing pockets at each corner to prevent fabric from ripping out.

A.6 Welding

- A. All welds performed by AWS certified welder.
Welding performed in accordance with the latest edition of the American
- B. According to selection, Engineer drawings shall specify particular sizes and types of welds.

- A. Welds shall be visually inspected for soundness, smooth, even contour and freedom from undercutting and arc strikes. Minimum fillet welds 3/16" on small upper frames and 1/4" everywhere else. Welds shall be continuous.
- B. Standard practice welding performed using 71A75 Dual Shielded Flux Core .045 wire.

A.7 Foundations

- C. The foundation design shall be based on previous knowledge of soil conditions in the vicinity or existing surfaces and building codes and structural load requirements in accordance with American Concrete Institute, ACI 318-05.
- D. Existing foundation conditions shall be examined and surveyed to assure support for the structure.

A.8 Concrete Piers

- B. Concrete work shall be performed when outdoor temperatures are above 32 degrees Fahrenheit and conditions are relatively dry.
- C. Utilizing a minimum concrete strength of 2500 psi high strength Ready Mix concrete with an approximate finished weight of 145 Lbs. per Cu. Ft.
- D. Reinforcing steel shall be detailed, fabricated, and placed in accordance with the latest ACI Detailing Manual and Manual of Standard Practice.
- E. Concrete shall be formed as to direct drainage from the site to prevent corrosion or rust in embedded post.

A.9 Base Plate and Anchors

- F. Steel plates shall be continually welded at the base of the post and bolted to the foundations.
- G. All steel plates shall be carbon steel connections shall conform to ASTM A-325.
- H. All anchor bolts and threaded rod shall be ASTM F-1554 unless otherwise specified by the engineer of record.
- I. Installation, design, and structural specifications shall be in accordance with ASTM Structural Specifications for Bolted Connections.
- J. Anchoring methods shall be in conjunction with all related selections of this specification.

A.10 Fasteners Bolted Connections

- K. All nuts, bolts, anchor bolts, lock washers, cable locks, and threaded rods shall be medium carbon steel, stainless steel, or galvanized corrosion resistant: size and type to suit applications and meet requirements.
- L. Carbon steel connections shall conform to ASTM A-325 steel.
- M. Bolted connections shall be in conjunction with all related selections of this specification.
- N. All bolted connections shall be installed in accordance with Structural Specifications for Bolted Connections utilizing ASTM A-325 or ASTM A-490 Bolts.
- O.

A.11 Steel Aircraft Cables and Tensioning

- P. Standard min. 1/4" galvanized steel aircraft cable shall be utilized with a minimum tensile strength of 7,000 lbs. on standard structures and min. 3/8" galvanized steel cable with a minimum tensile strength of 14,400 lbs. on super structure sizes unless otherwise specified by the engineer of record.
- Q. Tension as required to square shade cloth on framing structure.
- R. Smaller Structures under 30 ft. will have a single cable pass through a pulley at each corner in order to achieve required tension.
- S. Structures over 30 ft. require an independent cable on each side of the structure that passes through a pulley in order to achieve required tension.
- T. Sail Structures require an independent cable on each side of the fabric membrane sail which terminate into a delta. Deltas shall be sewn into each attachment point using 3" minimum internal seat belt webbing for added strength. Deltas attach to a shackles and turnbuckles in order to achieve required tension. Turnbuckles may not be required on small sails.

PART 3 EXECUTION

3.1 Preparation

- A. Prepare surfaces according to the manufacturers' guidelines.
- B. Locate piers according to the plans provided by manufacturer.

3.2 Installation

- A. Install in accordance with manufacturer's guidelines.
- B. Place on prepared concrete foundations or footings as specified.
- C. Anchor securely in place.
- D. Must apply silicone to all slip fit connections to avoid rust.

3.3 Protection

- A. Protect installed products until project is completed.
- B. Touch-up, repair or replace any products that might have been damaged during installation before substantial completion.

actual color may vary from sample

Fabric Features

- Fade and tear resistant; will not crack, rot or fray
- 90 mph nominal wind load and 5 psf snow load with fabric attached
- High-density polyethylene woven architectural fabric, 89.3% - 97.7% Ultraviolet Resistant
- Sewn with Tenara™ Ultraviolet Rated Bonded Teflon thread utilizing the lock stitch sewing method
- Approved Fire Rating as a result of the ASTM E-84 (Class A)
- Fabric pockets are double folded to provide extra reinforcement
- OEKO-TEX Certification - certified free of harmful chemicals like lead & phthalates
- Greenguard Certification - great for schools and use with children, this certifies that materials contribute to healthy air quality (low chemical emissions)
- Melanoma International Foundation Seal of Approval - this product is effective in preventing sun damage to the skin or eyes

Structural Information

- High Strength Pre-galvanized and ASTM
- TGIC polyester powder shall meet or exceed ASTM standards for adhesion, hardness, impact, flexibility, over bake resistance, and sea spray resistance
- The manufacturer shall provide a 20 year non-prorated warranty against failure due to rust-through corrosion on steel frames
- Structural steel tubular products shall be cold-formed structural quality carbon steel complying with ASTM A-500, Grade B except where engineer drawings specify otherwise
- Primed with Zinc rich primer
- Powder coated in the approved color by electro-statically applying and baking at 400 degrees Fahrenheit to a thickness between 3.0 - 5.0 mil for a consistent glossy finish
- Welding performed in accordance with the latest edition of the American Welding Society Structural Welding Code ASW D11
- Standard practice welding performed using E-70 electrodes or gas-metal arc welding utilizing ER 70- S6
- Installation, design, and structural specifications shall be in accordance with ASTM Structural Specifications for Bolted Connections

Fabric Color Options

 Natural 96.8% UVR Block	 Desert Sand 96.4% UVR Block	 Cedar 94.7% UVR Block	 Brown 94.6% UVR Block
 Cayenne 94.0% UVR Block	 Cherry Red 89.3% UVR Block	 Deep Ochre 94.4% UVR Block	 Brunswick Green 95.1% UVR Block
 Sky Blue 93.8% UVR Block	 Aquatic Blue 93.6% UVR Block	 Turquoise 94.3% UVR Block	 Navy Blue 95.2% UVR Block
 Rivergum 92.3% UVR Block	 Steel Grey 93.0% UVR Block	 Gun Metal 97.7% UVR Block	 Black 97.4% UVR Block
			 Yellow 97.1% UVR Block

Limited Warranty

Modern Shade LLC offers a 10 year non-prorated warranty on the shade fabric, a 20 year non-prorated warranty on steel frames and a 1 year warranty on all moving parts, surface coat finish, or any other product or part not covered by the above warranties.

Powder Coat Color Options

(Hot Dip Galvanized finish available upon request)

 Signal Red RAL 3001	 Brown Red RAL 3011	 Sepia Brown RAL 8014	 Belge RAL 1001
 Signal Blue RAL 5005	 Cobalt Blue RAL 5013	 Moss Green RAL 6005	 Zinc Yellow RAL 1018
 Traffic Black RAL 9017	 Window Grey RAL 7040	 Light Ivory RAL 1015	 Signal White RAL 9003





4213 Felter Lane
Austin, Texas
78744

Warranty

Modern Shade, LLC. ("MODERN SHADE") warrants that all Commercial Shade Products (Product) sold shall be free of defects in materials or workmanship. The Warranty set forth shall be the purchaser's sole and exclusive Warranty and is effective from the date of Product shipment or pickup. MODERN SHADE further warrants:

LIMITED 20 YEAR NON-PRORATED WARRANTY against failure due to rust-through corrosion on all Commercial steel frames with the exception of powder coated steel frames installed within 5 miles of the coast which has a 10 YEAR NON-PRORATED WARRANTY against failure due to rust-through corrosion. Failure to provide routine maintenance as stated in the below Required Maintenance and Care will void the Warranty.

LIMITED 10 YEAR NON-PRORATED WARRANTY on all HDPE Commercial shade fabric and Teflon stitching against cracks, tears, material breakdown or significant fading as a direct result of ultra-violet exposure with the exception of Red, which carries a 3 year limited warranty. MODERN SHADE reserves the right, in cases where certain fabric colors have been discontinued, to offer the customer a choice of available colors to replace the warranted fabric of the discontinued color.

Note: All HDPE Commercial shade fabric and Teflon stitching over 40' in length carry a limited 5 year non-prorated warranty. Other non-HDPE fabrics are covered by their respective manufacturer's warranty.

LIMITED 1 YEAR WARRANTY on all moving parts, surface coat finish or any other product or part not covered by one of the above warranties.

All of the above Warranties exclude any cosmetic issues. MODERN SHADE reserves the right to repair or replace any item covered by this Warranty. MODERN SHADE shall deliver all repaired or replacement part or parts to the customer **FREE OF CHARGE**. MODERN SHADE shall not be responsible for providing labor or the cost of labor for the removal of the defective part or parts and the installation of any replacement part or parts. All Repaired or Replacement parts shall be warranted for remainder of original warranty. The Warranty shall be void if the Product is not paid for in full within 30 days. MODERN SHADE specifically denies the implied warranties of fitness for a particular purpose and merchantability. The Warranty is void if the Product is not installed in strict compliance with the MODERN SHADE specifications. Purchaser shall notify MODERN SHADE in writing within thirty (30) days following the discovery of the alleged defect, detailing any defects for which a Warranty claim is being made; otherwise the Warranty shall be void. The Warranty shall be void if damage to the Product or any of its components is caused by misuse; harmful chemicals; excessive loads, pressures or forces such as abnormal weather conditions outside or in excess of the design specifications; acts of God; falling objects other than hail; explosions; fire; riots; civil commotion; vandalism; external forces; acts of war; radiation; harmful fumes or foreign substances in the atmosphere; floods; abuse by machinery, equipment or any persons; immersion in salt or chlorine water; not performing maintenance as described in the below Required Maintenance and Care; causes not within MODERN SHADE'S control; or if modifications are made to the Product without prior written consent from MODERN SHADE including but not limited to attaching signs, banners, lights or decorations. All Commercial shade products are designed for 90 MPH wind speed (three second gusts) and 5 PSF snow load, unless otherwise stated. Fabric Tops must be removed if weather conditions are expected to exceed these design limits. Commercial steel frames without a membrane top are designed for 150 MPH wind speed (three second gusts). Light fixtures are limited solely to the manufacturer's warranty.

(512) 385-4100

(877) 385-3444 TF

(512) 385-4103 F



4213 Felter Lane
Austin, Texas
78744

Liability Limitation:

Modern shade shall not, in any event, be liable in contract or in tort (including negligence) for loss of profits or revenue, loss of use of equipment or facilities, cost of capital, or for any special, indirect, incidental or consequential damages of any nature resulting from or in any manner relating to the product covered hereby, its design, use, any inability to use the same or any delay in delivery of the same. Furthermore, it is understood and agreed that the sole and exclusive remedy with respect to defective product shall be the repair, correction or replacement thereof pursuant to the foregoing provisions. Should the product or any part of it prove so defective, however as to preclude the remedying of warranted defects by repair or replacement, the customer's sole and exclusive remedy shall be the refund of the purchase price of the product, or part thereof which is defective, upon its return to modern shade. Furthermore, modern shade is not liable for damage to property caused by rain or hail. Corrections of non-conformities and defects in the manner and for the period of time provided above shall constitute fulfillment of all liabilities of modern shade to the customer, whether based on contract, negligence or otherwise with respect to or arising out of such product. No warranties or representation at any time made by any sales representative, dealer, agent or any person shall be effective to vary or expand the above express warranty or any other term hereof.

Required Maintenance and Care

Failure to provide the following routine maintenance shall void the Warranty.

Maintenance of Fabric Tops:

Fabric tops should be checked annually to ensure proper cable tension is maintained throughout the Warranty period. To remove dirt or bird droppings from fabric tops, simply spray the underside with water. For stubborn dirt, mild dish soap may be applied and rinsed.

Maintenance of Steel Frame:

Owner is responsible for routine maintenance to preserve the finish and welded joints. If surface rust or corrosion appears (regardless of cause), owner shall remove with sand paper or wire brush, prime and repaint. Ensure all connecting hardware is properly secured. Ensure all bolted connections and slip fit joints are caulked as needed. Failure to provide routine maintenance will void the Warranty.