

**MORTON GROVE PARK DISTRICT
BID DOCUMENTS
FOR THE PURCHASE of PARK SHADE STRUCTURES**

BID OPENING
May 17, 2022 @ 10AM

Morton Grove Park District
6834 W. Dempster
Morton Grove, IL 60053-2631

**Morton Grove Park District
Advertisement for Bid**

The Morton Grove Park District is accepting sealed bids for the purchase of shade structures at Mansfield and Harrer Parks. Questions regarding this bid should be submitted in writing to Keith Gorczyca, Superintendent of Parks at kgorczyca@mgparks.com.

Bids must be submitted in a sealed, opaque envelope, marked “Sealed Bid: Purchase of Shade Structures” and will be received until 10 AM, on May 17th, 2022 at the Morton Grove Park District, 6834 West Dempster, Morton Grove, IL 60053-2631, Attn: Keith Gorczyca, at which time they will be opened and read aloud.

Specifications and bid forms are available at the Park District’s Administration Office, 6834 West Dempster, Morton Grove, IL 60053-2631, between 9:00 a.m. – 5:00 p.m., Monday – Friday commencing on May 5, 2022, or in PDF format at the District’s website: www.mortongroveparks.com.

The Morton Grove Park District Board of Park Commissioners reserves the right to waive all technicalities, to accept or reject any or all bids, to accept only portions of a proposal and reject the remainder without disclosure for any reason. Failure to make such a disclosure will not result in accrual of any right, claim or cause of action by any Bidder against the Morton Grove Park District.

Bids shall not include federal excise tax or state sales tax for materials and equipment to be incorporated in, or fully consumed in the performance of, the work. An Exemption Certificate will be furnished by the Morton Grove Park District on request of the Bidder, for use in connection with this project only.

The vendor(s) selected will also be required to comply with all applicable federal, state and local laws, rules, regulations and executive orders including but not limited to those pertaining to equal employment opportunity.

All bids will remain firm for 60 days after the bid opening.

Morton Grove Park District

INSTRUCTIONS TO BIDDERS

The Morton Grove Park District and Owner are one and the same. The Owner's representative, Keith Gorczyca, can be contacted at 847-965-0065 or kgorczyca@mgparks.com.

The words "Contractor", "Vendor", or "Bidder" shall mean the party bidding for or entering into the Contract for performance of the work covered by the written Specifications, and its legal representatives or authorized agents.

1. Bid Documents

Bid Documents for this Project will be available for examination and can be obtained from Park District's Administration Office, 6834 West Dempster, Morton Grove, IL 60053-2631, Monday - Friday, 9:00 a.m. – 5:00 p.m., or in PDF format at the District's website: www.mortongroveparks.com.

2. Examination Specifications

Bidder shall thoroughly examine and be familiar with all of the Bid Documents including, but not limited to, the Specifications. Any conflicts or discrepancies found between or among Bid Documents, or any errors, omissions or ambiguities in the Specifications shall be immediately reported to the Park District and written clarification requested at least seven (7) days prior to the bid opening.

If an error or omission is discovered after the bid opening, the Park District reserves the right to determine whether to require the submission of new bids. Such decisions are final and not subject to recourse. Errors and omissions made by the Bidder cannot be corrected after the bid opening. Should discrepancies appear among the Contract Documents, the successful Bidder shall request in writing an interpretation from the Park District before proceeding with providing the services. If the Bidder fails to make such a request, the Park District shall determine which of the conflicting requirements shall govern; and the Bidder shall perform the work at no additional cost to the Park District in accordance with said determination.

The failure or omission of any Bidder to obtain, receive or examine any form, instrument, or information, or to seek needed clarification shall in no way relieve any Bidder from any obligations with respect to his bid. By submitting a bid, the Bidder agrees, represents and warrants that he has undertaken such investigation as he deemed necessary, has examined the Bid Documents, has obtained all needed clarifications and where the Bid Documents indicate in any part of the services, that a given result be produced, that the Bid Documents are adequate and the required result can be produced as indicated in the Specifications. It is the responsibility of the Bidder to comply with all Specifications, state and local codes, permits, fees and inspections. Once the award has been made, failure to have undertaken and completed the foregoing tasks shall not be cause to alter the original Contract or to request additional compensation.

Omissions from the Specifications or the mis-description of details which are manifestly necessary to carry out the intent of the Specifications or which are customarily performed, shall not relieve the Bidder from performing such omitted or mis-described details but they shall be performed as if fully and correctly set forth and described in the Specifications.

3. Explanation to Bidders

Any explanation desired by a Bidder regarding the meaning or interpretation of the Bid Documents must be requested in writing no later than seven (7) business day prior to the scheduled bid opening. The Park District shall in all cases decide all questions which may arise relative to the execution of the Contract on the part of the successful Bidder, and all estimates and decisions shall be final and conclusive. The Park

District reserves the right to approve or reject a proposed substitution in accordance with Section 11 of these Instructions to Bidders. Any Addenda shall become part of the Contract Documents and will be furnished to all prospective Bidders of record. All Bidders must acknowledge each Addendum in the bid submittal.

4. Preparation and Submission of Bids

These Bid Documents include a complete set of bid forms which are for the convenience of the Bidders and are not to be detached, filled out, or executed. Separate copies of Bid Forms are furnished for that purpose.

Each bid shall be submitted on the enclosed Bid Form. All bids must be written or typed in blue or black ink and signed by the Bidder. All bids are to be enclosed in a sealed opaque envelope, clearly displaying the Bidder's name and address, the date and time of the bid, and addressed as follows:

Sealed Bid: Purchase of Shade Structures
Morton Grove Park District
6834 West Dempster
Morton Grove, IL 60053-2631

Bid documents shall be delivered or mailed in time for delivery to the foregoing address no later than May 17, 2022 at 10:00 a.m.

The Park District is not responsible for the premature opening of bids not marked as required. Any bid opened prematurely due to the failure of the Bidder to mark the envelope in accordance with this section will be considered non-responsive and returned.

The bid shall be signed in the space indicated for signature and by persons authorized to act on behalf of and legally bind the Bidder. The name and address of the Bidder and its organizational status (sole proprietor, partnership or corporation) shall be printed in ink as well as the name and title of the person signing the bid on behalf of the Bidder. Prices shall be printed legibly and in ink and without erasures or interlineations.

Oral bids or oral modifications to bids will not be considered. It is the sole responsibility of the Bidder to see that his bid is received in proper time. **No faxed or e-mail bid or modification of a bid will be considered.**

Bidder must acknowledge all Addenda received in the spaces provided on the Bid Form. By submitting a bid, Bidder indicates that all considerations issued by Addendum are incorporated in the bid.

Attached to the Bid Form will be one or more certifications regarding the Bidder's compliance with applicable laws. **Failure of a Bidder to complete/submit a required certification shall be the basis for immediate rejection of that Bidder's bid.** The certification of the successful Bidder shall become a part of the Contract with the Park District.

5. Requirements of Bidders

Bidders must be able to demonstrate that they: 1) have experience in performing and have successfully performed and are still actively engaged in performing work similar in kind and scope to the services of this project; and 2) are able to show that they have adequate laborers and materials to successfully complete the services as indicated in the Bid Documents and within the time required by the Bid Documents. The Contractor shall not have been debarred or determined ineligible for public contracts by any governmental agency.

The following information must be attached to the bid proposal. Failure to do so may result in disqualification of the Bidder.

a. On a separate sheet, list all projects your organization has in progress, giving the name of the project, project address, owner and telephone number, contract amount, and scheduled completion date.

b. On the Bidder's Reference List form provided herein, list at least three (3) projects your organization has completed in the past five (5) years, which are comparable in scope, giving the name of the project, project description, project address, owner and telephone number.

c. On a separate sheet, list all administrative proceedings and litigation filed by or against Bidder in the past five (5) years, including the name and case number, name/jurisdiction of the court or administrative agency, and a summary of each claim/case, including current status and if no longer pending, the disposition. The foregoing includes but is not limited to information regarding any proceedings and actions taken by any governmental agency to debar or disqualify the Bidder from bidding on public contracts, including the name of the agency initiating the proceeding/action, the nature of the proceeding/action, the claimed basis for the proceeding/action and the current status or disposition of the proceeding/action.

The Park District reserves the right to require of any Bidder such information to verify the Bidder's qualifications and financial status and to withhold formal signing of the contract until such information is received.

6. Prices

The prices are to include furnishing the shade structures, all necessary accessories, parts, and hardware, service and part manuals, warranties, and all other services necessary for the proper completion of the purchase in accordance with the Contract Documents.

Bids shall not include federal excise tax or state sales tax for materials to be incorporated in, or totally consumed in the prosecution of, the work to be performed. An exemption certificate will be furnished by the Park District upon request of the Bidder.

The Owner reserves the right to add or deduct from item quantities specified if received bids exceed Owner's budget or otherwise as the Owner's best interest may be served, in which event the Contract Base Bid will be altered in accordance with the increase or decrease of the item description or descriptions affected.

7. Acceptance and Rejection of Bids

The Park District may accept the bid of, and award the purchase for the shade structures to, the lowest responsible Bidder as determined by and in the sole discretion of the Park District. The Park District reserves the right to (1) reject all bids; (2) reject only certain bids which are non-conforming or non-responsive to the bid requirements; (3) accept only a portion, part or specific items of work of all and reject others, as the Park District shall in its sole discretion determine to be in its best interest; and/or (4) award the purchase to the responsible Bidder submitting the lowest bid responsive to the bidding requirements. Any bid proposal which contains items not specified, or which otherwise is not in conformity with the Bid Documents, shall be considered non-responsive or informal and may be rejected on this basis. No bid will be accepted from or awarded to any person, firm or corporation that is in arrears or is in default to the Park District upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to said Park District or that has failed to perform faithfully any previous contract with the Park District.

In the event of a rejection of a portion, part, or certain items of work of all bids, the bid of each Bidder shall automatically be deemed reduced by the amount of such rejected part or item at the unit price or other cost designated therefore by that Bidder on its submitted Bid Form. The successful Bidder so selected may not refuse to enter into a Contract with the Park District on the basis that the Park District awarded a Contract for less than all portions or items of the work specified in the Bid Documents. The Morton Grove Park District Board of Park Commissioners reserves the right to waive any technicalities or irregularities, and to disregard any informality on the bids and bidding, when in its opinion the best interest of the Park District will be served by such actions and in accordance with applicable law.

8. Award of Contract

Award of Contract will be made to lowest responsible Bidder that complies with the conditions and Specifications presented herein. Although price is a major consideration in the award of bids, Park District does not award on price alone and will also consider terms of delivery, quality, serviceability, conformity with Specifications, financial capability of Bidder, and the performance of Bidder on other projects, as determined by the Morton Grove Park District Board of Commissioners.

Bids will be awarded to one Bidder for the purchase of all shade structures, or to any series of Bidders for the purchase of the shade structures.

The Park District reserves the right to: determine whether a substituted selection, in its judgment, is an acceptable alternate; increase or decrease the quantities shown on the bid; to reject any and all prices or bids submitted without disclosure of reason; waive any irregularity, formality or technicality in any proposal; and accept that bid which is considered in the best interests of the Park District. Such decisions are final and not subject to recourse.

The acceptance of a bid will be by a Notice of Award, signed by a duly authorized representative of the Park District; no other act by the Park District shall constitute the acceptance of a bid. The acceptance of a bid by the Park District shall bind the successful Bidder to execute and perform the work of the Purchase.

The Advertisement for Bid, Instructions to Bidders, General Conditions, Supplementary and/or Special Conditions, Specifications, Contractor Bid Form, Addenda, if any, comprise the Bid Documents. The Bid Documents, together with the Contract for the Purchase of Pool Furniture, substantially in the same form included in these Bid Documents, comprise the Contract Documents.

9. Tax Exemption

The Park District is not subject to federal excise or Illinois retailer's occupation tax. An exemption certificate will be furnished by the Park District upon request of the Bidder.

10. Substitutions

Unless otherwise indicated, the use of a brand name or catalog number in the Specifications is used for the purpose of establishing a grade or quality. Because the Park District does not wish to rule out other competition, whenever a specific brand name or catalog number is mentioned, the Bidder should add the phrase "or approved equal." Bidders proposing a substitution must request approval in writing to the Park District at least seven (7) business days prior to the bid opening and mark the items as "or approved equal." All potential Bidders will be notified within three (3) business days by email, fax or U.S. Postal Service of the approval or rejection of a proposed substitution. Bidders wishing to bid on the approved substitution shall submit a complete base bid as specified in the project manual. The alternate bid must be typed and must

follow the same format as the base bid. Receipt of the alternate bid will be acknowledged and read at the bid opening. Bidder must include a sheet that explains the difference in specifications between the approved equal and the product specified. The Park District shall be the sole and final judge as to whether any proposed substitute is equal to or better than as specified in the project manual. These decisions are final and not subject to recourse.

11. Addenda

Any interpretation, correction to, or addition to the Bid Documents will be made by written Addendum and will be delivered by mail or fax to each prime Bidder of record. The written Addenda constitute the only interpretations of the Bid Documents; the Park District accepts no responsibility for any other claimed interpretations or communications.

It is the responsibility of each Bidder to verify that he has received all Addenda prior to submitting a bid. It is also the responsibility of each Bidder to verify that all subcontractors and material suppliers whose prices are incorporated in the Bidder's bid are familiar with the Bid Documents in their entirety, including all Addenda issued up to the time of bid opening.

In the event a conflict or omission is discovered in the Bid Documents after the issuing of the last Addendum such that an interpretation cannot be issued by the Park District prior to bidding, the Bidder is directed to estimate on and provide the quantity and quality of material and labor consistent with the overall represented and indicated work so as to provide all materials, equipment, labor, and services necessary for the completion of the work in accordance with the Bid Documents.

12. Modification of Bids

Any Bidder may modify his bid by written notice (signed by the Bidder) at any time prior to the bid deadline, provided that such written notice is received by the Park District prior to the bid deadline. Modifications of bid submittals sent by facsimile will not be permitted.

13. Withdrawal of Bids

Bidders may withdraw or cancel their bids at any time prior to bid deadline by signing and submitting a request for said withdrawal. After the bid deadline, no bid shall be withdrawn or canceled for a period of ninety (90) calendar days.

14. Postponement of Date for Opening Proposals

The Park District reserves the right to postpone the date of presentation and opening of bids and will give written notice of any such postponement to each interested party.

GENERAL CONDITIONS

The General Conditions are included in the specifications for the Purchase of Shade Structures, substantially in the same form included in these Bid Documents (the "General Conditions"). For purposes of these General Conditions, "Contractor" or "Vendor" shall mean the party entering into the Contract for performance of the services in accordance with the Contract Documents.

1. Invoicing and Payment

Payment shall be made in full after the receipt, inspection and acceptance of the work by the Park District and in accordance with the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*

2. Guarantee and Warranty

The Vendor warrants to the Morton Grove Park District that all shade structures, and all parts thereof, furnished will be of good quality and new unless otherwise required or permitted by the Specifications, that all shade structures, and all parts thereof, will be free from defects not inherent in the quality required or permitted, and that all shade structures, and all parts thereof, will conform to the Specifications. Any shade structure, and any parts thereof, not conforming to the Specifications, including substitutions not properly approved or authorized are defective and will be rejected by the Park District.

The Vendor must present the Park District with two (2) copies of any manufacturer's warranty or guarantee information. If needed, the Vendor agrees to sign over warranties and guarantees to the Park District. The Vendor guarantees the standard manufacturer's warranty.

3. Materials

Except as otherwise provided herein, the shade structures, and all parts thereof, shall be new materials of the like and kind specified. Defective shade structures, including those damaged during transportation will not be accepted, and must be replaced or repaired in a manner satisfactory to the Park District at the Vendor's cost.

4. Delivery

Vendor shall deliver the shade structures to the specified sites. Vendor will arrange for delivery of the shade structures through a carrier chosen by Vendor, the costs of which shall be F.O.B. Morton Grove, Illinois.

5. Title and Risk of Loss

Vendor shall not grant rights in or to, or otherwise encumber the shade structures or any parts of the shade structures to, in or by any third parties at any time, that would impair or delay the full exercise by District of any of its rights or remedies under the Contract. Clean and unencumbered title to the shade structures shall be transferred to District upon acceptance of the work by District.

6. Acceptance and Rejection

District will have the right to inspect the shade structures upon receipt and to reject the nonconforming or damaged shade structures within ten (10) business days after delivery. District will give notice to the Vendor of any rejection of the shade structures or claim for damages on account of condition, quality or grade of the shade structures.

Neither inspection nor acceptance by District shall act as District's acceptance of any defects or deficiencies in the shade structures or for the failure of the shade structures to conform to the requirements of the Contract and shall not act as a waiver of any rights District has with respect to such defects, deficiencies or failure, including rights under any warranty.

**MORTON GROVE PARK DISTRICT
BID FORM FOR
PURCHASE OF SHADE STRUCTURES**

(Please complete in ink, and print or type)

TO: Morton Grove Park District
6834 W. Dempster
Moron Grove, IL 60053-2631

FROM: _____
NAME OF BIDDER

STREET ADDRESS

CITY STATE ZIP

PHONE

EMAIL ADDRESS

FOR: Purchase of Shade Structures

By submission of its bid, the Bidder acknowledges, agrees, represents, declares and warrants:

- A. That this bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;
- B. That the Bidder has checked carefully the bid figures and understands that it shall be responsible for any errors or omissions based on these Specifications as submitted on the Bid Form;
- C. That it is understood and agreed that the Morton Grove Park District reserves the right to accept or reject any or all bids, accept only portions of a proposal and reject the remainder, to waive any technicalities or irregularities, and to award the Contract to one Bidder or any series of Bidders for an appropriate portion of the services;
- D. To hold the bid open for sixty (60) days subsequent to the date of the bid opening;
- E. To enter into and execute a Contract with the Owner within three (3) days after the date of the Notice of Award, if awarded on the basis of this bid, and in connection therewith to:

- (1) Accomplish the services in accordance with the Contract Documents; and
- (2) Complete the services within the time requirements as set forth in the Bid Documents.

F. That if this bid is accepted, the Bidder is to provide all of the necessary equipment, tools, apparatus, labor, and to furnish all of the materials specified in the Bid Documents in the manner and at the time therein prescribed, and in accordance with the requirements set forth;

The undersigned Bidder agrees to purchase and install shade structures for the following prices:

Base Bid	Amount
1) Mansfield North	\$
2) Mansfield South	\$
3) Harrer Field #2	\$
4)	\$
5)	\$

Total Bid: _____

ALTERNATE BID:

Harrer field #1 **Amount:** _____

The undersigned Bidder hereby acknowledges the receipt of the following addenda (if any) distributed by the Park District.

Addendum No. _____ Date: _____
 Addendum No. _____ Date: _____

Delivery of the shade structures shall be on or before _____, unless otherwise extended by agreement of the parties pursuant to the General Conditions.

DATED THIS _____ DAY OF _____, 20__.

 Full Name of Bidder (Print) (a) Individual ()
 (b) Partnership ()
 (c) Corporation ()

Name and Title of Authorized Agent
 if Corporation or Partnership (Print): _____
 Full Name and Title of Bidder (Signature)

 Street Address

 City/State/Zip

 Phone _____

 Email

**MORTON GROVE PARK DISTRICT
SPECIFICATIONS FOR
PURCHASE AND IINSTALLATION OF SHADE STRUCTURES FOR
MANSFIELD AND HARRER PARKS**

Mansfield North

1 Shawnee Shawnee Structure: Standard Frame Color, 10.5 ft. wide, 31 ft. long, 5 Posts, 8 ft. eve height, 1:12 roof pitch, Roof Panels: 24 inch Pan Width, Aluminum, .038 inch, Standard Pan Color.

1 Shawnee Shawnee Structure: Standard Frame Color, 10.5 ft. wide, 36 ft. long, 5 Posts, 8 ft. eve height, 1:12 roof pitch, Roof Panels: 24 inch Pan Width, Aluminum, .038 inch, Standard Pan Color.

1 Sealed drawings with engineer's seal.

Mansfield South

1 Shawnee Shawnee Structure: Standard Frame Color, 10,5 ft. wide, 31 ft. long, 5 Posts, 8 ft. eve height, 1:12 roof pitch, Roof Panels: 24 inch Pan Width, Aluminum, .038 inch, Standard Pan Color.

1 Shawnee Shawnee Structure: Standard Frame Color, 10 ft. wide, 32 ft. long, 5 Posts, 8 ft. eve height, 1:12 roof pitch, Roof Panels: 24 inch Pan Width, Aluminum, .038 inch, Standard Pan Color.

1 Sealed drawings with engineer's seal.

Harrer Park 2

2 Shawnee Shawnee Structure: Standard Frame Color, 10.5 ft. wide, 32 ft. long, 5 Posts, 8 ft. eve height, 1:12 roof pitch, Roof Panels: 24 inch Pan Width, Aluminum, .038 inch, Standard Pan Color.

1 Sealed drawings with engineer's seal.

ALTERNATE HARRER PARK 1

2 Shawnee Shawnee Structure: Standard Frame Color, 10.5 ft. wide, 32 ft. long, 5 Posts, 8 ft. eve height, 1:12 roof pitch, Roof Panels: 24 inch Pan Width, Aluminum, .038 inch, Standard Pan Color.

1 Sealed drawings with engineer's seal.

Or Approved Equal

PART 1 GENERAL 1.1 DESCRIPTION OF WORK A. Work in this section includes furnishing and installation of shelters as manufactured by Americana Building Products. 1.2 RELATED ITEMS AND CONSIDERATIONS A. Concrete for shelter footings. 1. Standard models have posts buried in the footing. Surface mounted design available. 2. Consider water drainage away from shelter where necessary. 3. Any necessary removal or relocation of existing structure, obstructions, or materials. 1.3 FIELD MEASUREMENT A. Confirm field dimensions prior to preparation of shop drawings when possible. B. If requested, supply manufacturer's standard literature and specifications for shelters. C. Shop drawings are available showing structural component locations/positions, material dimensions, and details of construction and assembly. 1.4 PERFORMANCE REQUIREMENTS Shelter must conform to local building codes. Standard models are designed to 115 miles per hour wind load and 20 pounds per square foot live load according to 2015 International Building Code (IBC) and American Society of Civil Engineers (ASCE) 7-10 design codes. Engineering available for custom load requirements. 1.5 DELIVERY, STORAGE, AND HANDLING A. Deliver and store all shelter components in protected areas. PO Box 1290 • Salem IL 62881 • 1-800-851-0865 Shawnee Specifications Americana Building Products 2 Shawnee Specifications

PART 2 PRODUCTS 2.1 MANUFACTURER A. Americana Building Products, #2 Industrial Drive, P.O. Box 1290, Salem, Illinois 62881; 1-888-442-2928 2.2 MATERIALS A. Roof Panels 1. Aluminum 24" "W" Style Multi-Rib Panel a) Aluminum Alloy 3004-H34 b) 2-1/2 tall, 24" wide interlocking design, Rib spacing 8" on center. c) Thickness Available: .038" 2. Galvalume 24" "W" Style Multi-Rib Panel a) ASTM A792, Grade 50 Galvalume Steel b) 2-1/2 tall, 24" wide interlocking design, Rib spacing 8" on center c) 24 Gauge Thickness 3. 18" Standing Seam Panel a) ASTM A792, Grade 50 Galvalume Steel b) 1-3/4 tall, 18" wide interlocking design c) 24 Gauge Thickness 4. 8" Standing Seam Panel a) Aluminum alloy 3105-H14 b) 2-3/4" tall, 8" wide interlocking design c) Available thickness .032" and .038" 5. 36" Multi-Rib "R-Panel" a) ASTM A792 Grade 50 Galvalume Steel b) 1-1/4" Tall, 36" wide interlocking design, Rib spacing 12" center c) 26 Gauge 6. Sub Roofing: Wood a) Southern Yellow Pine or Western Red Cedar, #1 Grade or better b) 2" x 6" nominal dimensions; 1-1/2" x 5-3/8", Actual Dimensions with 7/16" tongue and 1/2" groove c) To be covered with one of Americana roof panel options using hidden fastener system d) Can be covered by felt paper and shingles, or other conventional roofing (Supplied by Others) Americana Building Products 3 Shawnee Specifications 2.3 ACCESSORIES B. Perimeter Fascia 1. Extruded Aluminum Gutter Fascia a) 4-1/8" tall by 3-1/2" deep b) Aluminum alloy 6105-T6, .062" thickness c) Standard perimeter, except for wood roofing and 36" Multi-Rib R-Panel 2. Optional: Galvalume Formed Edge Trim a. Standard for wood sub-roof option and 36" Multi-Rib R-Panel b. Available upon request c. ASTM A792, Grade 50 Galvalume Steel, 24 Gauge C. Structure 1. ASTM A36 steel plate a. Thickness determined by loading requirements 2. ASTM A500, Grade B Hollow Structural Sections (HSS) a. Standard posts, rafters, and ridge beam dimensions shall be 3" x 5" x 1/8", may vary according to loading requirements. b. Purlins size and thickness will vary according to loading requirements. 3. Welding shall conform to the requirements of the American Welding Society's specification for the material being welded. a. Welding electrodes shall be E70XX A. Fasteners 1. High strength bolts conform to ASTM A325 a. All bolts shall be hot dip galvanized. 2. #12-24 and #8-18 hex washer head, self-drilling screws a. All screws shall be stainless steel or coated with zinc. Americana Building Products 4 Shawnee Specifications 1. Galvalume roof panels meet "Energy Star specification for cool roofs" reflective coating to reflect heat away from the shelter. B. Standard colors available per manufacturer's supplied chart. Custom colors available. 2.5 FINISHES – ALUMINUM A. All aluminum components are coated with polyester triglycidyl isocyanurate (TGIC) powder and baked/cured at 400° F. B. This finish meets AAMA 2604-2 specification. 2.6 FINISHES – STRUCTURE A. 2.4 FINISHES – ROOF PANELS A. Aluminum-baked enamel or Galvalume-baked enamel A. Standard: Powder Coating 1. All steel components are blasted to near-white condition. Components are cleaned in a 3-

stage process. Pre-cleaned with 1173 liquid alkaline cleaner, Rinsed with ambient fresh water, and a final rinse with a 2846 Non-Phosphate liquid conversion coating sealant. All chemicals used are non-toxic and do not contain regulated heavy metals, organic accelerators, or phosphates allowing for a more environmentally friendly footprint while providing a superior adhesion of powder. 2. Components are then coated with polyester triglycidyl isocyanurate (TGIC) powder and baked/cured at 400° F. 3. This finish meets AAMA 2604-2 specification. B. Option: Zinc Epoxy Primer 1. Above powder coating is applied over a 2-3 mills zinc rich epoxy primer. C. Option: Hot Dip Galvanizing. All steel components are hot dip galvanized per ASTM A123, prepared for powder coating according to the ASTM D7803-12 specification to ensure excellent adhesion and finish, then coated with above powder coating finish. Specifications

PART 3 EXECUTION 3.1 INSPECTION A. Confirm that surrounding area is ready for the shelter installation. B. Installer shall confirm dimensions and elevations to be as shown on drawings provided by Americana Building Products. C. Erection shall be performed by an approved installer and scheduled after all concrete and masonry in the area are completed. 3.2 INSTALLATION A. Installation shall be in strict accordance with manufacturer's shop drawings. General installation guidelines are supplied with each shelter. B. All structural steel components are fully fabricated to eliminate the need for drilling, cutting, or welding on site. C. Particular attention should be given to protecting the finish during handling and installation. D. After installation, entire system should be left in a clean condition.

END OF SECTION