



Request for Proposal- Waccamaw Park-Maintenance Building

Project Description: Waccamaw Park in Brunswick County went through a major renovation. The General Contractor started work in November 2014 and completion was in mid-October of 2015. Due to the project begin over budget, the Waccamaw Park Maintenance Building was valued engineered out of the project. This request for proposal outlines the following product we are seeking in proposal format to coordinate the work. The physical address for Waccamaw Park is 5855 Waccamaw School Road, Ash, NC 28420. I invite and encourage all interested companies to visit the site should your proposal merit. Any additional costs by not reviewing plans and visiting the site must be paid by the Contractor at no cost to the Owner.

Proposals: General specifications for this proposal will be presented within this document. Brunswick County Parks & Recreation reserves the right to disqualify any proposal that does not meet the minimum criteria of this RFP.

Qualifying proposals must be received by Friday, February 19, 2016 at 5:00pm (eastern time).

Proposals and questions submitted to:

Aaron Perkins, Director of Parks & Recreation

Brunswick County Parks & Recreation

69 Stamp Act Drive, Building M

PO Box 249

Bolivia, NC 28422

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Phone: 910-253-2676

E-Mail: aaron.perkins@brunswickcountync.gov

Proposals may be submitted via mail, hand delivery, and email

Proposal Format:

Qualifying proposals for this request must encompass all items being requested within the section. All proposals should include detailed financial quotes including specifications listed herein as well as all applicable labor, installation, freight, taxes and related appurtenances.

Please be advised that this is a request for proposal process, not a straight bid or quote process. Proposal reviewers will take into account factors such as pricing, design, product specification, warranty information, and company history with Brunswick County in regards to selection. It is our quest to get the best quality product for an efficient price thus maximizing our fiscal resources.

Special Conditions:

- Brunswick County reserves the right to reject any proposal that does not meet the criteria listed here-in or through reference lacks the capability to perform the requirements of the project.
- This request for proposal does not commit Brunswick County to award a contract for services, or to pay any costs incurred in the preparation of this proposal.
- All work and materials shall have a minimum 1 year warranty from date of acceptance by the County.
- Any work being performed that is more than \$30,000 must be performed by a licensed general contractor.
- The contractor must carry the minimum insurance requirements as described in Attachment "B". The contractor will provide the County with a copy of insurance documents.
- **Arbitration vs. Mediation-** Please note that Brunswick County will not enter into contracts that settle disputes using arbitration. Mediation is the preferred method and this needs to be indicated within the contract terms.
- All prospective bidders must visit the site and thoroughly familiarize themselves with the nature and scope of the project. As the successful bidding contractor will be encroaching on to new park grounds during construction, all impacts and repairs upon the existing park will be the responsibility of the contractor. Consequences to the site as a result of a contractor's failure to be familiar with the facility or scope will be borne by that same contractor or his sub-contractors or suppliers.
- Successful bidding contractor will be responsible to submit shop drawings and submittals packages for all building components and systems in particular detailed attention must be given to PME systems as well as the structure itself. These submittals must be approved by the owner or owner's designee.

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Product Specifications: METAL BUILDING SYSTEMS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 Scope

- A. Provide labor, materials, equipment and services to complete the Metal Building work, as indicated on the drawings, as specified herein, and as called for by the manufacturer's drawings and specifications.
- B. Contractor shall provide a **delegated design submittal** consisting of the complete architectural, structural, construction drawings and specifications for the Metal Building as required for the approval of a building permit by the local authority. Contractor shall provide all necessary related specification sections not included in the project manual, including but not limited to Section 03 15 00 (Placement of anchor bolt, leveling plates, grout); Section 0521 00 (Steel Joist Framing); and Section 05 31 00 (Steel decking).
- C. The structure including footings and foundation shall be designed and engineered by a professional Engineer licensed in the State of North Carolina and all plans shall bear their seal. All construction related to the Metal Building to be compliant with the 2012 North Carolina State Building Code and must meet the appropriate requirements for metal buildings found in the 2012 North Carolina Energy Conservation Code.
- D. Contractor shall submit for and obtain all required permits for the Metal Building from the local authority.
- E. Contractor shall pay for all permit fees associated with the Metal Building.

1.3 Related Work

- A. Section 03 15 00 – Placement of anchor bolt, leveling plates, grout
- B. Section 03 30 00 – Cast in Place Concrete
- C. Section 05 21 00 – Steel Joist Framing
- D. Section 05 31 00 – Steel decking
- E. Section 08 36 13 – Sectional Doors
- F. Section 08 51 13 – Aluminum Windows
- G. Section 09 90 00 – Painting

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1.4 Submittals

- A. Manufacturer's Data:
 - 1. Complete drawings and specifications.
 - 2. Descriptive data of installation, methods, procedures and maintenance.
- B. Contractor shall provide a **delegated design submittal** consisting of shop drawings for all items of work under this section indicating all details of fabrication and installation, including sizes, shapes, finishes, colors, thicknesses, material quality and all other related work applicable to the items of this section.
- C. Contractor shall provide all necessary additional architectural, structural, footing and foundation plans with North Carolina engineering seals as necessary to secure a building permit from the local authority.
- D. Manufacture of the structural components shall conform to the following manufacturing requirements:
 - 1. American Institute of Steel Construction (AISC):
 - 1.) AISC Specification for Structural Steel Buildings.
 - 2.) AISC Serviceability Design Considerations for Low-Rise Buildings.
 - 2. American Iron and Steel Institute (AISI):
 - 1.) AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
 - 3. American Welding Society (AWS):
 - 1.) AWS D1.1 / D1.1M – Structural Welding Code – Steel.
 - 2.) AWS D1.3 / D1.3M – Structural Welding Code – Sheet Steel.
 - 4. Association for Iron & Steel Technology (AISE):
 - 1.) AISE 13 – Specifications for Design and Construction of Mill Buildings.
 - 5. ASTM International (ASTM):
 - 1.) ASTM A 36 – Standard Specification for Carbon Structural Steel
 - 2.) ASTM A 48 – Specification for Gray Iron Castings
 - 3.) ASTM A 123 – Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
 - 4.) ASTM A 307 – Specification for Carbon Steel Bolts and Studs, 60 000 psi Tensile Strength
 - 5.) ASTM A 325 – Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength.
 - 6.) ASTM A 354 – Standard Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners

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- 7.) ASTM A 475 – Specification for Zinc-Coated Steel Wire Strand
- 8.) ASTM A 490 – Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength
- 9.) ASTM A 500 – Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
- 10.) ASTM A 529 – Standard Specification for High-Strength Carbon-Manganese Steel of Structural Quality.
- 11.) ASTM A 563 – Specification for Carbon and Alloy Steel Nuts
- 12.) ASTM A 572 – Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel.
- 13.) ASTM A 653 / A 653M – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
- 14.) ASTM A 792 / A 792M – Standard Specification for Steel Sheet, 55 %Aluminum-Zinc Alloy-Coated by the Hot-Dip Process
- 15.) ASTM A 992 – Standard Specification for Structural Steel Shapes.
- 16.) ASTM A 1011 – Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength.
- 17.) ASTM A 1039 – Specification for Steel, Sheet, Hot Rolled, Carbon, Commercial, Structural, and High-Strength Low-Alloy, Produced by Twin-Roll Casting Process.
- 18.) ASTM E 96 / E 96M – Standard Test Methods for Water Vapor Transmission of Materials.
- 19.) ASTM E 108—Spread-of Flame Testing: Class 1A Rating.
- 20.) ASTM E 283 – Standard Test Method for Determining the Rate of Air Leakage through Exterior Windows, Curtain Walls, and Doors under Specified Pressure Differences across the Specimen.
- 21.) ASTM E 331 – Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
- 22.) ASTM E 1592 – Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
- 23.) ASTM E 1646 – Test Method for Water Penetration of Exterior Metal Roof Panel Systems by Uniform Static Air Pressure Difference
- 24.) ASTM E 1680 – Test Method for Rate of Air Leakage through Exterior Metal Roof Panel Systems
- 25.) ASTM E 2140 – Test Method for Water Penetration of Metal Roof Panel Systems by Static Water Pressure Head
- 26.) ASTM F 436 – Specification for Hardened Steel Washers
- 27.) ASTM F 1145 – Specification for Turnbuckles, Swaged, Welded, Forged
- 28.) ASTM F 1554 – Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength

6. CSA – Canadian Standards Association

7. CWB – Canadian Welding Bureau

8. IAS – International Accreditation Service

9. LGSi – Light Gauge Steel Institute

10. SJI – Steel Joist Institute

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11. FM Global:

- a. FMRC Standard 4471 – Approval Standard for Class 1 Roofs for Hail Damage Resistance, Combustibility, and Wind Uplift Resistance.

12. Metal Building Manufacturers Association (MBMA):

- a. MBMA Metal Building Systems Manual.

13. Underwriters Laboratories (UL):

- b. UL 580 – Standard for Tests for Uplift Resistance of Roof Assemblies.

1.5 Quality Assurance

- A. Manufacturer shall be certified by the governing bodies of State of manufacturer, and the State of North Carolina. Structure shall be constructed according to all necessary local and state regulations, codes and laws.

1.6 Delivery, Storage and Handling

- A. Deliver materials with manufacturer's original containers or packaging, with identifying tags and labels intact and legible.
- B. Upon delivery, inspect shipments to assure compliance with requirements of Contract Documents and approved submittals, and that all materials are properly protected and undamaged.
- C. Store and handle materials so as to prevent soiling, damage or deterioration. Make periodic inspections of all stored materials to assure that they remain free from damage and deterioration.

1.7 Warranty

A. Building System Warranty

1. The manufacturer shall warranty the metal building system against failure due to defective material or workmanship for a period of one (1) year, minimum, from the date of shipment.

B. Standing Seam Roof Warranty

1. The manufacturer shall warranty the weather tightness of the standing seam roof panels against leaks for a period of 20 years for damage caused by ordinary wear and tear under normal weather conditions.

C. Roof and Wall Paint Finish Warranty

1. Paint Systems

- a. Furnish manufacturer's standard warranty for the metal panel paint system against chipping, peeling, blistering, fading in excess of 5 NBS Hunter units as set forth in ASTM-D-2244, and chalking in excess of 8 units as set forth in ASTM-D-4214.
- b. The warranty shall be for a period of 30 years from the date of shipment for PVDF paint systems.
- c. The warranty shall be for a period of 25 years from the date of shipment for silicone polyester paint systems.

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2. Galvanized Aluminum systems
 - a. Furnish manufacturer's standard warranty for galvanized aluminum panels against rupture, structural failure, or perforation due to normal atmospheric conditions.
 - b. The warranty shall be for a period of 20 years from the date of shipment for galvanized aluminum systems.

PART 2 – PRODUCTS

2.1 Approved Manufacturer

- A. Nucor Building Systems (<http://www.nucorbuildingsystems.com>) or approved equal. Building systems other than NUCOR will be considered subject to compliance with specifications. Metal Building Manufacturer must meet all of the requirements as specified herein. See drawings for basis for design and appropriate dimensions.

2.2 General

- A. The building structure shall be designed to conform to the North Carolina Building Code, latest edition or as required by the local regulatory authority. It shall be the responsibility of the general contractor to obtain all necessary permits as required by the local regulatory authority prior to the beginning of construction. Contractor shall notify manufacturer of any local or state building codes that will affect the design of the Metal Building System.
- B. The Metal Building shall be located as indicated on the drawings.

PART 3 – EXECUTION

3.1 Building Installation

- A. Contractor is responsible for complete construction of the Metal Building.

3.4 Protection of Completed Work

- A. During installation period, protect concrete from damaging mechanical disturbance, water flow, loading, shock and vibration.

3.5 Clean Up

- A. Remove all debris and excess material immediately from project site.
- B. Take down all barricades and signs only after all work included in this section is finished and inspected.
- C. Leave project area neat, orderly and free of any hazardous conditions.

Minimum required items for proposal:

1. Detailed quote for project
2. Detailed product specification and warranty information- with color photos
3. Approximate timeline of work from notice to proceed
4. Provide drainage and minor grading as necessary to maintain positive drainage.

Proposals Due by 5:00pm Eastern on Friday, February 19, 2016

Proposals can be submitted by personal delivery, by mail, or by e-mail

Proposal Form

This form is to be completed and included with the proposal package.

Company Name: _____
Contact Person: _____
(name & title) _____
Address: _____

Phone Number: _____
Fax Number: _____

Waccamaw Park Maintenance Building

ALL Materials Labor, Equipment Necessary and Any Additional Costs Associated With This Project

_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

Lump Sum Base Proposal Price: _____ (\$ _____)

_____	_____	_____
Name, Title (Print)	Signature	Date