

ADDENDUM NO. 2

Project: Woodleaf Community Park
Rowan County, North Carolina

Date: February 28, 2023

Issued By: Alfred Benesch & Company
2359 Perimeter Pointe Parkway, Suite 350
Charlotte, NC 28208

This addendum shall become an integral part of the Contract Documents for the above-mentioned project and shall be placed in the front of the Specifications for this project. The following items are intended to revise and clarify the Drawings and Specifications and shall be included by the bidder in their proposal.

Each Contractor shall be responsible for notifying his/her sub-bidders of the contents of this addendum.

CLARIFICATIONS

1. Bid Opening/Bids are due by **Tuesday, March 14, 2023 @ 10:00 AM**
See Pre-Bid Meeting Minutes, Invitation to Bid and Bid Proposal Form for additional requirements.
2. A programming decision has been made to move the restroom building construction component into the Woodleaf Community Park General Contractor's Bid/Proposal and not be constructed by others. This shall be a true directive and acknowledged as fact throughout the approved Bidding Documents. See immediately below for additional instructions and information. See Addendum #1. Additional information will be forthcoming in Addendum #3 scheduled to be issued on March 3, 2023
3. Owner will still be responsible for the new well and renovation to the existing eastern septic systems that is near the proposed restroom building.
4. Proposed sewer distribution service and connection(s) from the park building to the existing septic in-take structure shall still be by owner/owner's utility contractor.
5. Proposed water distribution service and connection(s) from the park building to the proposed water supply well shall still be by owner/owner's utility contractor.
6. Drinking Fountain and sewer/water laterals from the fountain to the primary distribution service lines remain in the General Contractor/Park Contractor's proposal.

CHANGES TO SPECIFICATIONS

1. **COVER SHEET** – Description - Modify, 'Bid Opening' text from
March 14, 2023, Wednesday at 10:00 AM, to be Modified to read as
March 14, 2023, Tuesday at 10:00 AM
2. **NOTICE TO BIDDERS** – Description - Modify, 'Bid Accepted until' text from
Wednesday, March 14, 2023, at 10:00 AM, to be Modified to read as

Tuesday, March 14, 2023, at 10:00 AM

3. **INVITATION TO BID** – Description - Modify, Section 2.1, ‘Bids are due on’ text from Wednesday, March 14, 2023, at 10:00 AM ET, to be Modified to read as Tuesday, March 14, 2023, at 10:00 AM ET
4. **11 68 00 PLAYGROUND EQUIPMENT** – Description - Remove & Replace
DELETE: Specification Section 11 68 00 from the current Project Manual.
ADD: Specification Section 11 68 00 (revised) enclosed within to replace the previous section in its entirety.

CHANGES TO DRAWINGS

1. **ALTERATION TO SHEET C201 & C300 Plan & General Notes** – Description - Restroom Building Construction requirement change. ‘The construction of the Restroom Building shall be included in the park general contractor’s Bid Proposal and shall not be constructed by others.’ See Clarification section above, number 1-6 for additional instructions and information.
2. **ALTERATION TO SHEET C300 & C502 Plan & Details** – Description - Reduced Pressure Principal Assembly. ‘Remove this assembly in its entirety from the proposed project improvements.’

End Addendum 2

Attachments: Pre-Bid Meeting Minutes/Pre-Bid Agenda/Pre-Bid Sign-In Sheet/Revised Spec Section 11 68 00

Addendum by:

Jon Wood, PLA CLARB



Pre-Bid Meeting Agenda + Notes

Date: February 16, 2023
Subject: Woodleaf Community Park
Rowan County, NC

Location: Woodleaf Community Park (Project Site)
9290 Gym Street, Rowan County, NC

1. Introductions & Sign-in

- a. Owner – Rowan County
 - i. Jody Farrow-Bennett – Purchasing Director
 - ii. Don Bringle – Director of Facilities Management, Parks and Recreation
- b. Design Consultants
 - i. Jon Wood, PLA CLARB – Benesch
 - ii. Richard Callahan – Benesch

2. Project Description

- a. Work consists of the following: Construction and/or installation including project management, coordination, scheduling, staking & technical layout, site clearing & grubbing, selective demolition, erosion control, earthwork (mass grading and fine grading), storm drainage, water services for site amenities, sewer services for site amenities, concrete pavement, asphalt pavement, sidewalks, restroom building pad subgrade, restroom building footing, (park building by owner), park shelter, playground & fitness area/playground & fitness equipment with approved surfacing, site furnishings, landscaping and ancillary work illustrated in the contract documents.
- b. By Owner
 - i. Water Supply Well and distribution to Restroom Building.
 - ii. Septic Field/Modification with distribution from Restroom Building to Septic Field.
 - iii. Restroom Building.
 - a. Park Contractor to coordinate with Owner/Benesch & construct building pad. Gravel Subgrade and concrete floor by Owner.
 - b. Park Contractor to coordinate with Owner/Benesch & locate existing septic manifold/in-take structure to confirm sewer distribution.
- c. Project area is located along the south side of Stadium Street (SW #1969) west of the intersection of Gym Street and Church Street, Rowan, NC.
- d. Alternates:

Alternate #1 – Sidewalk Connector
From Playground Loop to Church Street.

- e. Playground Allowance:
 - i. This allowance shall incorporate the Contractor’s Third-Party Certified Playground Designer/Manufacturer approved design, equipment, material, fabrication, finishes, taxes, fees, freight, labor and installation of these project playground and fitness area facilities. The allowance shall also include playground/fitness area design and programing, equipment, poured in place rubber surfacing and gravel subgrade including necessary equipment, materials & installation as noted. Playground/Fitness designer and vendor shall be selected by contractor and approved by owner.
- f. Unit prices
 - i. Unit Prices submitted by the Bidder as a proposed basis for additive or deductive adjustment in the event contract changes in the work required involving items described. These Unit Prices are not included in the Total Bid value but are included in the contract.

3. Bid Information

- a. Single Prime Lump Sum Bid (see bid form)
 - i. Contract will be awarded based on lowest responsible bidder, base bid, general contingency and alternates #1.
- b. Bid, Performance, and Payment Bonds etc. required.
- c. NC Law and applicable regulations of various licensing boards will be observed.
- d. **DEADLINE FOR WRITTEN QUESTIONS: Wednesday, March 1, 2023 @ 5:00 PM**
Wednesday, March 1, 2023, deadline for receiving RFI & Clarifications etc. Written questions must be submitted to Jody Farrow-Bennett, Purchasing, Director by mail or email.
- e. **ADDENDA(s): Friday, March 3, 2023 @ 5:00 PM**
Final Addenda will be issued Friday, March 3, 2023.
Addenda(s) will be posted on the County website
<https://www.rowancountync.gov/675/Purchasing>
It is the responsibility of the Bidder to check for any addendums.
- f. **BID SUBMISSION: Tuesday, March 14, 2023 @ 10:00 AM (PRIOR TO BID OPENING)**
Bids must be presented on the **Bid Proposal Form** attached to the specifications in a sealed envelope and mailed or delivered to:
Rowan County Purchasing Department
Attn: Purchasing Department
130 West Innes Street, Suite 31
Salisbury, NC 28144
See Invitation to Bid and Bid Proposal Form for additional requirements.
- g. **BID OPENING: Tuesday, March 14, 2023 @ 10:00 AM**
 - i. Location – J. Newton Cohen, Sr Administration Building, 130 West Innes Street, Administration Conference Room #101, Salisbury NC.
- h. Minority Business Participation goals - 10%

- i. Fill out forms indicated below completely and submit with bid:
 - i. Bid Bond or Bid Deposit
 - ii. Minority Business Participation Forms
 - iii. E-Verification
 - iv. See Invitation to Bid and Bid Proposal Form for additional requirements.

- j. Digital Files
 - i. CAD files will be provided upon request (*Digital Files are provided for informational purposes ONLY and as a convenience to Bidders. The information is provided "as-is" without warranty and is NOT part of the bid documents. Due to the easily alterable nature of electronic/digital files, the County and/or its Consultants, make no warranties, either express or implied, with respect to the accuracy, completeness, or fitness for any particular purpose, including, but not limited to, performance of electronic/digital files in cost estimating, quantity calculating, survey layout, or other software used by the Bidder*)
 - a. All parties requesting digital files must complete the 'Benesch Standard Electronic Document Release Provision' form before digital files will be released. Form attached to meeting minutes.

4. Contract Time

- a. All work shall be complete and ready for Substantial Completion within **120 Calendar Day** from Notice to Proceed.

- b. Liquidated damages apply at a rate of \$1,000.00/day.

5. Project Details

- a. Permits – Benesch/Rowan County has obtained or filed the local and state permits for this project contained herein. Rowan County will make available to the Contractor, copies of any additional terms and conditions of the various permits. It shall be the Contractor's responsibility to comply with all such terms and conditions.
 - i. Rowan County, Planning and Zoning Approvals
 - ii. Driveway Permit – N/A
 - iii. NCDEQ, Sedimentation/Erosion Control, Submitted/Pending Approval
- b. Owner Provided Equipment & Materials
 - i. See Plan COVER SHEET for list
- c. Working Hours - Normal working hours are Monday through Friday between the times of 7:00 AM and 7:00 PM and do not include nationally recognized holidays. Weekend work is permissible upon approval by Owner.
- d. General Requirements & Information:
 - i. It is the Contractor's responsibility to maintain erosion control devices throughout the duration of project.
 - ii. Construction Access – Contractors shall access the site from Gym Street.

6. RFI & Clarifications

- a. Direct all questions and request for information to the Owner:

Jody Farrow-Bennett

jody.farrow-bennett@rowancountync.gov

Rowan County Purchasing Department

Attn: Purchasing Department

130 West Innes Street, Suite 31

Salisbury, NC 28144

- b. Expect first bid addendum following pre-bid meeting to include: meeting notes, attendee list, 'Benesch Standard Electronic Document Release Provision' form and answers to submitted questions to date.

7. Owner's Comments

8. Contractor Questions

End of Agenda

Pre-Bid Meeting Notes

Woodleaf Community Park
Rowan County, NC

Meeting Date: February 16, 2023 @ 1:00 PM
Meeting Location: Project Site
Attendees: Rowan County Jody Farrow-Bennett
Rowan County Don Bringle
Rowan County Jim Byrd
Rowan County Craig Farmer
Mark Hoesman Carolina Siteworks
Andy Messner Ike's Construction
Tyler Ojeda Hall Contracting
Austin Randolph Randolph and Son Builders
Zachary Long Dreambuilt Construction
Austin Riccio Bar Construction
Greg Taylor Great Southern Recreation
Sue Sink Eaglewood
Richard Callahan Benesch

Meeting held to discuss bid and bid process for the Woodleaf Community Park. Items of discussion included:

1. Project Description:

a. Scope of work:

Consists of the following: Construction and/or installation including project management, coordination, scheduling, staking & technical layout, site clearing & grubbing, selective demolition, erosion control, earthwork (mass grading and fine grading), storm drainage, water services for site amenities, sewer services for site amenities, concrete pavement, asphalt pavement, sidewalks, restroom building pad (subgrade), restroom building footing, (park building by owner), park shelter, playground & fitness area/playground & fitness equipment with approved surfacing, site furnishings, landscaping and ancillary work illustrated in the contract documents.

**** Post Conversations have occurred since the Pre-Bid Meeting and thus modified the Restroom Building Construction requirements, see note 1-5 immediately below for clarification. See Addendum #1.**

- 1. A programming decision has been made to move the restroom building construction component into the Woodleaf Community Park General Contractor's Bid/Proposal and not be constructed by others.**
- 2. Owner will still be responsible for the new well and renovation to the existing eastern septic systems that is in close proximity to the proposed restroom building.**
- 3. The proposed sewer distribution service and connection(s) from the park building to the existing septic in-take structure by owner/owner's utility contractor.**
- 4. The proposed water distribution service and connection(s) from the park building to the proposed water supply well by owner/owner's utility contractor.**
- 5. Drinking Fountain and sewer/water laterals from the fountain to the primary distribution service lines remain in the General Contractor/Park Contractor's proposal.**

b. By Owner:

- i. Water Supply Well and distribution to and from Restroom Building.
- ii. Septic Field/Modification with distribution from Restroom Building to Septic Field.
- iii. Restroom Building.
 - a. Park Contractor to coordinate with Owner/Benesch & construct building pad. Gravel Subgrade and concrete floor by Owner. See approved plans for additional information and description.
 - b. Park Contractor to coordinate with Owner/Benesch & locate existing septic manifold/in-take structure to confirm sewer distribution. See approved plans for additional information and description.
 - c. Park Contractor to coordinate with Owner/Benesch and install the drinking fountain along with the water and sewer service line from the drinking fountain back to the primary water and sewer distribution lines. See approved plans for additional information and description.

c. Project area:

- i. Located along the south side of Stadium Street (SW #1969) west of the intersection of Gym Street and Church Street, Rowan, NC.

d. Alternates:

- i. Alternate #1 – Sidewalk Connector
From Playground Loop to Church Street. See approved plans and project manual for additional information and description.

e. Playground Allowance:

- i. This allowance shall include the Contractor's Third-Party Certified Playground Designer/Manufacturer approved design, equipment, material, fabrication, finishes, taxes, fees, freight, labor and installation of these project playground and fitness area facilities. The allowance shall also include playground/fitness area design and programming, equipment, poured in place rubber surfacing and gravel subgrade including necessary equipment, materials & installation as noted. Playground/Fitness designer and vendor shall be selected by contractor and approved by owner. Contractor shall submit the following via the shop drawing process for Owner's approval;
 - a. A Plan View Color Drawing of the proposed Playground/Fitness area facility.
 - b. Full list of the components with sufficient information to determine their play value.
 - c. List of components and their user capacity of the components.
 - d. 3-D Color Perspective(s) and Elevations Views(s) with sufficient information to evaluate the value of the items described within.
 - e. Full list of material specifications.
 - f. List of component warranties.
 - g. Playground/Fitness Area Layout in reference to the proposed Site Plan.

f. Unit prices:

- i. Unit Prices submitted by the Bidder as a proposed basis for additive or deductive adjustment in the event contract changes in the work required involving items described. These Unit Prices are not included in the Total Bid value but are included in the contract.

2. Bid Information:

a. Single Prime;

Single Prime Lump Sum Bid (see bid form)

Contract will be awarded based on lowest responsible bidder;

(base bid plus general contingency plus playground allowance and alternate #1 as selected)

b. Bonds:

Bid, Performance, and Payment Bonds required.

c. Regulations:

NC Law and applicable regulations of various licensing boards will be observed.

d. Deadline:

DEADLINE FOR WRITTEN QUESTIONS:

Wednesday, March 1, 2023 @ 5:00 PM, deadline for receiving RFI & Clarifications etc. Written questions must be submitted to Jody Farrow-Bennett, Director of Purchasing and Contract Administration, by mail or email.

e. ADDENDA(s):

Final Addenda will be issued Friday, March 3, 2023 @ 5:00 PM.

Addenda(s) will be posted on the County website

<https://www.rowancountync.gov/675/Purchasing>

It is the responsibility of the Bidder to check for any addendums.

f. BID SUBMISSION:

Bid Opening/Bids are due by Tuesday, March 14, 2023 @ 10:00 AM

Bids must be presented on the Bid Proposal Form attached to the specifications in a sealed envelope and mailed or delivered to:

Rowan County Purchasing Department

Attn: Purchasing Department

130 West Innes Street, Suite 31

Salisbury, NC 28144

See Invitation to Bid and Bid Proposal Form for additional requirements.

- i. Bid Opening Location – J. Newton Cohen, Sr Administration Building, 130 West Innes Street, Administration Conference Room #101, Salisbury NC.
- ii. Minority Business Participation goals - 10%
- iii. Fill out forms indicated below completely and submit with bid:
 - a. Bid Bond or Bid Deposit
 - b. Minority Business Participation Forms
 - c. E-Verification
 - d. See Invitation to Bid and Bid Proposal Form for additional requirements.

G. Digital Files:

CAD files will be provided upon request (*Digital Files are provided for informational purposes ONLY and as a convenience to Bidders. The information is provided "as-is" without warranty and is NOT part of the bid documents. Due to the easily alterable nature of electronic/digital files, the County and/or its Consultant, make no warranties, either express or implied, with respect to the accuracy, completeness, or fitness for any particular purpose, including, but not limited to, performance of electronic/digital files in cost estimating, quantity calculating, survey layout, or other software used by the Bidder*)

- i. All parties requesting digital files must complete the 'Benesch Standard Electronic Document Release Provision' form before digital files will be released.

j. Contract Time:

- i. 120 calendar days to complete all work from issuance of Notice to Proceed to Substantial Completion
- ii. Liquidated damages apply at a rate of \$1,000.00/day.

k. Project Details:

- i. Permits – Benesch/Rowan County has obtained or filed the local and state permits for this project contained herein. Rowan County will make available to the Contractor, copies of any additional terms and conditions of the various permits. It shall be the Contractor’s responsibility to comply with all such terms and conditions.
 - a. Rowan County, Planning and Zoning Approved
 - b. Rowan County, Building Permit BY OWNER
 - c. Rowan County, Environmental Health
Water Supply/Well Construction BY OWNER
 - d. Rowan County, Environmental Health
Septic System/Renovation BY OWNER
 - e. Driveway Permit – N/A
 - f. NCDEQ, Sedimentation/Erosion Control, Submitted/Pending Approval
- ii. Owner’s Construction Budget
 - a. \$850,000
- iii. Owner Provided Equipment & Materials
 - a. See project manual, section site furnishings and plan cover sheet.
- iv. Working Hours - Normal working hours are Monday through Friday between the times of 7:00 AM and 7:00 PM and do not include nationally recognized holidays. Weekend work is permissible upon approval by Owner.
- v. General Requirements & Information:
 - a. It is the Contractor’s responsibility to maintain erosion control devices throughout the duration of project.

l. RFI & Clarifications:

- i. Direct all questions and request for information to the Owner:

Jody Farrow-Bennett
jody.farrow-bennett@rowancountync.gov
Rowan County Purchasing Department
Attn: Purchasing Department
130 West Innes Street, Suite 31

m. Owner Comments:

- i. Jody Farrow-Bennett directed the group to submit their bid proposal package within a sealed envelope clearly marked,
‘ITB 2023-019 Woodleaf Community Park Construction Improvements’
Next, all Bid proposals shall be received by the Rowan County Purchasing Department no later than the time noted above as the BID OPENING. The Purchasing Department will accept the Bids at the Bid Opening location prior to the date noted above as the Bid Opening time.

- ii. Don Bringle informed the group they will accept additional playground and site furnishings vendors than those highlighted in the project manual. Parks and Recreation is looking for value on the dollars invested for these facilities.

- iii. Don Bringle noted he understood the concerns of supply line disruptions we are experiencing with goods being delivered to market. He further explained he is looking for the project to be completed on time as noted above. However, he does not intend to penalize the contractor for delay in equipment such as site furnishings and playground/fitness equipment as long as it can be appropriately documented.

n. Contractor Questions/Other Discussion:

- i. A few playground contractors expressed an interest to have their equipment/material (playground/fitness/site furnishings) be accepted as an 'Approved Equal' in addition to what is mentioned in the project manual. See note 2.m,ii for Owner's response.

- ii. Several contractors expressed a concern with playground/fitness/site furnishings equipment being available and delivered to site in time. See note 2.m,iii for Owner's response.

cc: All attendees

Attachments: Sign-in Sheets

Woodleaf Community Park

Woodleaf Community, Rowan NC

Pre-Bid Sign-In Sheet

February 16, 2023

Name	Company	Cell	E-mail
Mark Hoesman	Carolina Siteworks	704-855-7483	mark@carolinasiworksinc.com
Jim Byrd	Rowan County		
Don. Kvingale	Rowan County		
Gary Farmer	Rowan County		
Jody Farrow-Bennett	Rowan County		jody.farrow-bennett@rowancounty.nc.gov
Richard Callahan	Benesch.		rcallahan@benesch.com

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11 68 00 – PLAYGROUND EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes freestanding playground equipment.
- B. Related Sections:
 - 1. Division 32 Section "Playground Protective Surfacing" for protective surfacing under and around playground equipment.

1.3 DEFINITIONS

- A. Fall Height: According to ASTM F 1487, "the vertical distance between a designated play surface and the protective surfacing beneath it."
- B. HDPE: High-density polyethylene.
- C. IPEMA: International Play Equipment Manufacturers Association.
- D. LLDPE: Linear low-density polyethylene.
- E. MDPE: Medium-density polyethylene.
- F. Use Zone: According to ASTM F 1487, the "area beneath and immediately adjacent to a play structure or equipment that is designated for unrestricted circulation around the equipment and on whose surface it is predicted that a user would land when falling from or exiting the equipment."

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: For playground/fitness equipment and structures. Include color plans, elevations, sections, details, material list, certificates and attachments to other work for approval by Owner prior to ordering materials/construction.
- C. Submit Playground/Fitness Design and Layout not for review and approval. Incomplete proposals or those not submitted in sufficient time to determine their acceptance will not be considered. Not less than the following shall be submitted.
 - a. Plan View Color Drawing(s) of the Playground & Fitness Area / Playground & Fitness Equipment to scale with components clearly identified.
 - b. 3-D Color Perspective(s) and Elevation(s) View sufficient to judge the value of the items identified above.
 - c. Full list of components with sufficient information to determine their play value.
 - d. Full list of material specifications if they differ from the materials described above.
 - e. List of component warranties.
 - f. List of component and total user capacities for the components submitted.

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- D. Samples for Initial Selection: For each type of playground/fitness equipment and structure indicated.
 - 1. Manufacturer's color charts.
 - 2. Include similar samples of playground equipment/fitness and accessories involving color selection.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer, Manufacturer and Designer.
- B. Product Certificates: For each type of playground equipment, from manufacturer.
- C. Material Certificates: For the following items, signed by manufacturers:
 - 1. Shop finishes.
- D. Construction Compliance Letters Certificates: For each type of playground equipment installed, installer shall coordinate certificate with vendor and manufacturer.
- E. Warranty: Sample of special warranty.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For playground equipment and finishes to include in maintenance manuals.
- B. Contractor shall submit three (3) original copies of Construction Compliance Certification Letters certifying that the Playground/Fitness equipment and installation of same meets or exceeds current CPSC, ADA, ASTM, and any other applicable requirement or guideline. Compliance letters shall be by a Certified Playground Inspector and the Equipment Vendor/Manufacturer.

1.7 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A firm whose playground equipment components have been certified by IPEMA's third-party product certification service.
 - 1. Provide playground/fitness equipment and structure components bearing the IPEMA Certification Seal.
- B. Installer Qualifications: An employer of workers approved by manufacturer.
 - 1. Installer Qualifications: Engage an experienced Playground/Fitness Inspector and Certified Designer and Installer with at least 5 years experience, who has completed playground/fitness work similar in material, design, and extent to that indicated for this project and with a record of successful installations.
- C. Safety Standards: Provide playground equipment complying with or exceeding requirements in ASTM F 1487 CPSC No. 325.
- D. Preinstallation Conference: Conduct conference at Project site.

1.8 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of playground equipment that fail in materials or workmanship within specified warranty period. See Section 11 68 00, 3.5 for additional information.

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PART 2 - PRODUCTS

2.1 PLAYGROUND EQUIPMENT FABRICATION

- A. General: Provide sizes, strengths, thicknesses, wall thickness, and weights of components as indicated but not less than required to comply with structural performance and other requirements in ASTM F 1487. Factory drill components for field assembly. Unnecessary holes in components, not required for field assembly, are not permitted. Provide complete play structure, including supporting members and connections, means of access and egress, designated play surfaces, barriers, guardrails, handrails, handholds, and other components indicated or required to comply with referenced standards for equipment indicated.

2.2 PLAY /FITNESS STRUCTURES – PLAY/FITNESS AREAS

- A. Contractor shall provide complete playground/fitness structures comprised of the materials described within formed in an assembly that generally matches the plan and equipment list.

1. Basis of Design: See Rowan County Parks and Recreation, Ellis Park Playground, 3541 Old Mocksville Road, Salisbury, NC., 28144. General Contractor's Delegated Design/Build System to be accepted by Owner. These facilities shall be designed by a certified playground designer, vendor, manufacturer with the design of the facility approved by Owner. Contractor shall permit the facility as necessary, installed, inspected, certified and close-out as required. The equipment, materials specifications, and component layout list in the example Playground and included in this specification forms the basis of design. The Contractor may bid an exact replication of the example playground or units described in this specification section or an alternative design that meets the performance and intent of the unit specified including the requirement to be an Inclusive Facility and ADA Compliant/Accessible and Usable by ALL plus addition components as designer sees appropriate.

The following criteria will be used to evaluate proposals.

- a. Age appropriateness
 - b. Inclusive Facility.
 - c. ADA Compliant and Usable by ALL.
 - d. User capacity.
 - e. Overall design and recreation value of the composite unit.
 - f. Durability and warranty of the individual and total component system.
 - g. Overall aesthetics.
 - h. Size and geometry of the unit (the unit and its associated safety zones must conform to the playground size allowed in the construction drawings.)
 - i. Overall value.
2. Playground/Fitness Facility:
 - a. Playground/Fitness Area shall fit within the designated play/fitness space as shown in the approved plans.
 - b. Playground/Fitness Area and equipment shall be ADA accessible and usable by ALL.
 - c. Playground/Fitness Area shall be considered Inclusive Play Spaces as defined as 'A universally designed, sensory-rich environment that enables children to develop physically, socially, and emotionally growth. An engaging place that provides the

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just-right level of challenges and offers opportunities to succeed. A place that goes beyond minimum accessibility to create play experiences that meet a variety of needs and interests for ALL.

- A. Multi-Component Playground Equipment for younger children age group;
Intended 2-5 yrs age group to include but not be limited to the following
as a minimum requirement;
Inclusive playground.
ADA accessible and usable by ALL.
ADA bridges and ramps for complete access.
Unified theme and color pallet.
Transfer Station(s)/ADA Transfer Station as necessary.
4 Decks with 75% of the decks to include a covered roof structure.
3 Slides with 25% of the slides to be a covered tube style.
1 Inter-connecting tube/crawler tunnel style connector.
3 Climbers, vertical climbing.
8 Inner-active play features to engage a variety of sensory and development skills.

- B. Multi-Component Playground Equipment for older children age group:
Intended 5-12 yrs age group to include but not be limited to the following
as a minimum requirement;
Inclusive playground.
ADA accessible and usable by ALL.
ADA bridges and ramps for complete access.
Unified theme and color pallet.
Transfer Station(s)/ADA Transfer Station as necessary.
5 Decks with 80% of the decks to include a covered roof structure.
4 Slides with 25% of the slides to be a covered tube style.
1 Spiral Tube Slides.
2 Inter-connecting tubes/crawler tunnels style connector.
3 Climbers, vertical climbing.
2 Climbers, horizontal climbing/ladder.
12 Inner-active play features to engage a variety of sensory and development skills.

- C-1. Single Bay Swing Set, 2 post minimum per side with 2 swings intended for younger age group. Tot-Lot Bucket Seat Swing Set style.

- C-2. Single Bay Swing Set, 2 post minimum per side with 2 swings intended for all age group. Belt Seat Swing Set style.

- C-3. Single Bay Swing Set, 2 post minimum per side with 2 inclusive swings intended for all age group. Inclusive Swing Seat Set/Full Chair style with locking mechanism to support and maintain an occupant in a complete up right seated position.

- C-4. Single Bay Swing Set, 2 post minimum per side with 1 inclusive swing intended for all age group. Inclusive Swing Seat/Open Dish style to support and maintain an occupant in non- up right seated position while swing in a positive motion. A tire swing is not acceptable.

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- D-1. Spinners/Merry-Go-Round at grade, all-inclusive with multiply secure staging areas within intended for all age group. Inclusive Merry-Go Round with complete wheelchair access and use.
 - E-1. Fitness Equipment, 3 pieces of equipment to provide a variety of fitness exercise. Fitness equipment to include but not be limited to the following as a minimum requirement;
 - i. Stretching Post/Station.
 - ii. Upper Body Toning Fitness, such as Pull Up Bar Station.
 - iii. Lower Body Toning Fitness, such as Leg Press Station/Peddling Station.
 - iv. Mid Core Toning Fitness, such as Sit Up Station.
 - v. Balance/Stability Fitness, such as Balance Beam Station.
3. Acceptable manufacturers.
- a. Next Level Recreation of the Carolinas -NC Rep for Superior Recreational Products
 - b. Miracle Recreation Equipment Company
 - c. BCI Burke Company, LLC.
 - d. GameTime; APlay Core Company.
 - e. Landscape Structures.
 - f. Approved equal.
4. Proposals will require considerable evaluation to determine if the proposal is deemed acceptable. Contractor must submit the following via shop drawing process for review and approval prior to ordering material/construction. Incomplete proposals or those not submitted in sufficient time to determine their acceptance will not be considered. Not less than the following shall be submitted.
- a. Plan View Color Drawing(s) of the Playground & Fitness Area / Playground & Fitness Equipment to scale with components clearly identified.
 - b. 3-D Color Perspective(s) and Elevation(s) View sufficient to judge the value of the items identified above.
 - c. Full list of components with sufficient information to determine their play value.
 - d. Full list of material specifications if they differ from the materials described above.
 - e. List of component warranties.
 - f. List of component and total user capacities for the components submitted.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for site clearing, earthwork, site surface and subgrade drainage, and other conditions affecting performance of the Work.
 - 1. Do not begin installation before under drainage, final grading etc. required for placing protective surfacing is completed unless otherwise permitted by Architect.
 - 2. The Contractor shall be responsible for field verifying the exact location of all underground utilities and obstructions prior to and digging.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

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3.2 PREPARATION

- A. Verify locations of playground/fitness perimeter and pathways and the intended equipment layout prior to installation. Verify that playground/fitness layout and equipment locations comply with requirements for each type and component of equipment.

3.3 INSTALLATION, GENERAL

- A. General: Comply with manufacturer's written installation instructions unless more stringent requirements are indicated. Anchor playground equipment securely, positioned at locations and elevations indicated.
 - 1. Maximum Equipment Height: Coordinate installed heights of equipment and components with finished elevations of protective surfacing. Set equipment so fall heights and elevation requirements for age group use and accessibility are within required limits. Verify that playground equipment elevations comply with requirements for each type and component of equipment.
- B. Post and Footing Excavation: Excavate holes for posts and footings as indicated in firm, undisturbed or compacted subgrade soil.
- C. Post Set with Concrete Footing: Comply with ACI 301 for measuring, batching, mixing, transporting, forming, and placing concrete.
 - 1. Set equipment posts in concrete footing. Protect portion of posts above footing from concrete splatter. Verify that posts are set plumb or at the correct angle, alignment, height, and spacing.
 - a. Place concrete around posts and vibrate or tamp for consolidation. Hold posts in position during placement and finishing operations until concrete is sufficiently cured.
 - 2. Embedded Items: Use setting drawings and manufacturer's written instructions to ensure correct installation of anchorages for equipment.
 - 3. Concrete Footings: Smooth top, and shape to shed water.
 - 4. During the installation, the Contractor will be required to keep all areas clean.
 - 5. At the time of final inspection of work and before issuance of the final payment, the Contractor shall clean paved areas thoroughly by sweeping and/or washing. Any damage, defacements or stains caused by the work of this Section shall be removed. All play areas shall be clean of play surfacing, soil, or other debris.
 - 6. The Contractor shall remove construction equipment, excess materials, tools, and all debris and rubbish from the site.
 - 7. All dirt and debris caused by play equipment operations shall be disposed of by the Contractor.
 - 8. All landscaped or existing areas damaged during construction operations shall be restored to original condition. All lawn areas damaged by stockpiling of play surfacing, or damaged from construction traffic shall be uncompacted, seeded, and mulched.

3.4 FIELD QUALITY CONTROL

- A. Testing Agency: Contractor will engage a qualified testing agency to perform tests and inspections.
- B. Tests and Inspections: For playground/fitness areas and playground/fitness equipment and components during installation and at final completion and to certify compliance with ASTM F 1487 CPSC No. 325. Certified compliance with ASTM F1487 and CPSC 325 applies to both new and relocated equipment. Playground/fitness equipment being relocated within the park

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shall be relocated by certified installer. Finished installation for both new and relocated equipment shall be certified per applicable requirements of ASTM and CPSC.

- C. Upon completion of all construction operations, including cleanup, the Contractor shall notify the Owner/Owner Representative and accompany them on inspection of equipment. Any items found to be unsatisfactory shall be corrected prior to approval for final acceptance. The one-year guarantee period shall start at the date of final acceptance.
- D. Contractor shall submit three (3) original copies of Construction Compliance Certification Letters certifying the Playground/Fitness equipment and installation of same meets or exceeds current CPSC, ADA, ASTM, and any other applicable requirement or guideline. General Contractor and playground equipment installer shall coordinate and produce the Construction Compliance Certificate letter(s) and shall be Certified by an approved Playground Inspector and accepted by the Equipment Vendor and Equipment Manufacturer.
- E. Prepare and review test and inspection reports.
- F. Notify Owner/Owners Representative 48 hours in advance of date and time of preliminary and final inspection.

3.5 WARRANTY AND REPLACEMENT

- A. The Contractor shall warranty all playground/fitness equipment and all other materials and workmanship for a period of (5) five years from the date of Final Acceptance by the Owner. The Contractor shall replace equipment that becomes damaged, and any other portion of the project that fails due faulty materials or workmanship including structural failures, deterioration of metals, metal and or other finishes, and other materials beyond normal weathering. A six (6) month and eleven (11) month inspection will be held during the initial contract warranty period. All replacement materials shall have an extended warranty period of (18) months from the date of replacement. Coordinate inspection scheduling with Owner. Damage prior to Final Acceptance shall be the responsibility of the Contractor to immediately repair/replace.
- B. Equipment replacement shall be the same components and size as originally installed. Manufacturer shall meet or exceed the following warranty on components listed below. If the manufacturer's Warranty exceeds requirements below, then the more stringent Warranty shall apply.
 - 1. Posts: Lifetime Warranty covering damage due to breakage, corrosion, defective materials, or deterioration.
 - 2. Hardware: Lifetime Warranty covering damage due to breakage, corrosion, defective materials, or deterioration.
 - 3. Clamping Systems: Lifetime Warranty covering damage due to breakage, corrosion, defective materials, or deterioration.
 - 4. Expanded Metal Decks, pipes, rails, loops, and rungs: 10 Year on structural integrity.
 - 5. Molded polyethylene: 10 Year on breakage and splitting.
 - 6. All other products: 10 Years.

END OF SECTION 11 68 00