Addendum No. 1

Project Name:	Sand Volleyball Court H. Boyd Lee Park	**Project No.:**	PC-0077
Prepared By:	Mike Watson	**Date:**	November 14, 2019

Items:

1. Acknowledgement of all addenda received must be noted on the original bid submittal form. Any and all addenda shall become part of the specifications and the bid package for the project.
2. Change of bid date: Sealed bids shall be due by ***Tuesday, November 26, 2019 at 2:00 PM.*** The last day to submit questions will be Wednesday, November 20, 2019 by 10:00 AM.
3. Section 02210 under General Materials; delete all reference to the Volleyball Court Sand. The sand provided shall be clean silica sand, washed and screened. It must be free of rocks, shells, and/or other debris.
4. Reduce the depth of sand by two inches (2").
5. On sheet C4, delete the layout of the Accessible Parking. Change the layout per the attachment in this addendum. All typical measurements, striping, etc. shall remained unchanged.
6. Delete all references of a PVC plastic resin finish on the fencing as stated in Section 02831 and on the plans. The fencing fabric and components shall have a polyester powder coated finish. See specification in the attachments.
7. On sheet C7, under the notes for the fencing, change the height of the privacy screen to two feet (2').
8. In lieu of installing concrete footings for the fence posts as directed by the plans and specifications, anchor a fence floor flange for a metal post similar to the one shown in the attached picture directly on the retaining wall footing.

Bids are due Tuesday, November 26, 2019 at the Jaycee Park Administration Building, 2000 Cedar Lane, Greenville, NC. Bids will be accepted up to 2:00 PM. There will not be a public bid opening. Bids will opened by staff and a bid tabulation sheet will be available upon request once the contract is awarded to the successful bidder.

Attachments:

1. Revised Bid Submittal Form
2. Revised Bid Schedule Form
3. Revised Accessible Parking Layout
4. Powder Coating Fencing Specification

ATTACHMENT A

CITY OF GREENVILLE
RECREATION & PARKS DEPARTMENT
BID FORM

In compliance with the request for bid by the City of Greenville and subject to all conditions and specifications thereof, the undersigned offers and agrees to furnish all equipment, labor and work site clean-up as provided in the above mentioned specifications.

NEW SAND VOLLEYBALL COURTS AT H. BOYD LEE PARK	
Proposed Price to Complete Construction of Four (4) New Sand Volleyball Courts Per Engineered Plans & Specifications ***The Bid Schedule, Attachment B of the Addendum #1, shall also be included with the sealed bid.***	**$**
Alternate #1 Deduct: Install Treated Steps and Handrails in lieu of Cast in Place	**($)**

Addenda Received: _____ **Required MWBE Forms Included: _____**

Bid reviewed, prepared and submitted by:

Company Name: _____ Date: _____

Address: _____

Phone Number: _____

General Contractor's License Number: _____

Signed: _____ Print Name: _____

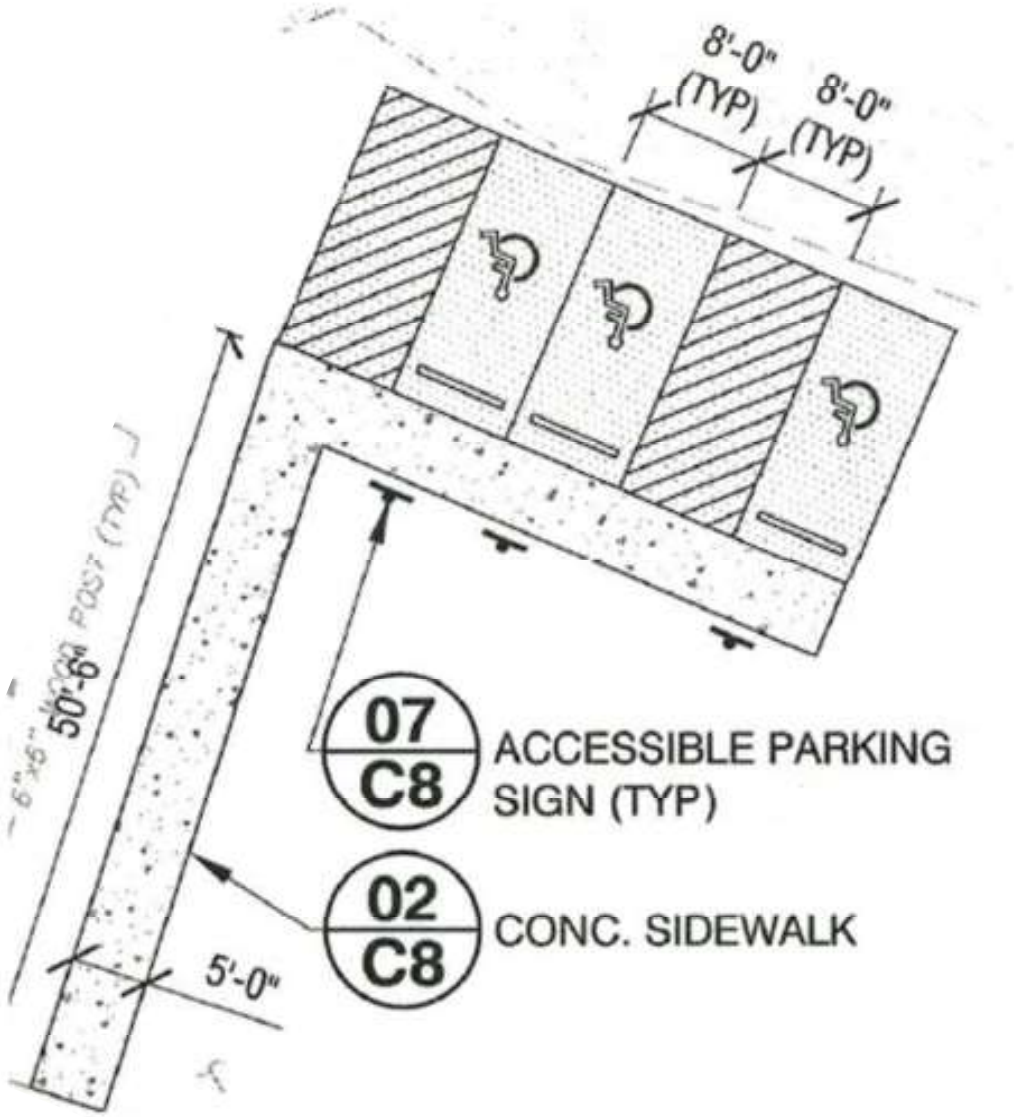
ATTACHMENT B

REVISED BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description	Unit Price	Total Cost
1	1	LS	Mobilization & Bonding (not to exceed 3% of total bid)		$ _____
2	1	LS	Demolition, Clearing & Grubbing		$ _____
3	740	LF	Silt Fence	$ _____	$ _____
4	1	EA	Rock Check Dam	$ _____	$ _____
5	340	LF	Orange Mesh Barrier Fence	$ _____	$ _____
6	395	LF	2" PVC Water Main	$ _____	$ _____
7	3	EA	2" Valve & Box	$ _____	$ _____
8	1	EA	2" RPZ w/ Enclosure	$ _____	$ _____
9	16	LF	15" RCP Storm Drain Pipe	$ _____	$ _____
10	3	TN	Class B Rip-Rap w/ Filter Cloth	$ _____	$ _____
11	1	LS	Concrete Parking Pad		$ _____
12	1	LS	Pavement Marking		$ _____
13	3	EA	Concrete Parking Stops	$ _____	$ _____
14	1	LS	Concrete Sidewalk & Ramp		$ _____
15	60	LF	Ramp Handrail	$ _____	$ _____
16	65	SY	ABC Access Drive	$ _____	$ _____
17	1	LS	Sand Volleyball Court Complex (excluding sand)		$ _____
18	1	LS	Sand		$ _____
19	1	LS	Seeding & Mulching		$ _____
20	1	LS	Testing Allowance		$ 4,000.00
	Total Bid:				$ _____

ATTACHMENT C

REVISED ACCESSIBLE PARKING LAYOUT



FENCING - POWDER COATED FACTORY FINISH

A. Coating Material: Posts, post caps, rails, pales, brackets and security mesh shall be finished with a factory applied TGIC polyester powder coating. Powder coated finish shall meet or exceed the following performance criteria. Color shall be Black.

B. Applicable Requirements to Validate the Coating Process:

1. Adhesion Resistance: ASTM D3359, Measuring Adhesion by Tape Test, Method B.
    a. Minimum Performance Requirement: Coating retention of not less than 95%.

2. Impact Resistance: ASTM D2794, Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
    a. Minimum Performance Requirement: resistance to impact – Pass, 9 N m.

3. Film Hardness ASTM D3363, Film Hardness by Pencil Test
    a. Minimum Performance Requirement – Minimum Hardness: 2H.

4. Solar Concentration Exposure: ASTM D4141, Conducting Black Box and Solar Concentrating Exposures of Coatings, Method C. (Equivalent to EMMAQUA NTW)
    a. Minimum Performance Requirement - coating must test to a minimum of 50% Gloss Retention at 1,400 MJ/m2 with no film failure, chalking, cracking or checking and no more than 10% fading.

5. Film Thickness: ASTM G12, 2.0 min.

6. Flexibility: ASTM D-1737-89, No breaks, flakes or cracks on Q-panel 5B (100% adhesion to the substrate).

7. Gloss 60 angle: ASTM D-523-89. 50- 60

8. Abrasion Resistance: ASTM D1044, 90-95 mg weight loss

9. Accelerated Weathering: ASTM G-23, 1000 hours (70% gloss retention, ΛE: <2.0).

10. Humidity: ASTM D2247, 1000 hours – No blisters

11. Thickness: Provide film thickness of 2-4 mils as measured by manufacturer's standard powder coat measurement and inspection procedures.

12. Pretreatment: The fence sheeting and framework shall be prepared using a 7 stage Zinc Phosphate wash line. The pre-treatment cleaning system will remove foreign material and to properly prepare the surface to achieve the coating system requirements specified above.

13. Curing: Heat cure in accordance with powder manufacturer's prescribed cure schedule to properly crosslink and bond finish to metal substrate.

14. Chemical Resistance: ASTM B117
    a. Corrosion Resistance:
        1) Procedure: Preparation of Test Specimens- Perform a single scribe the length of the specimen, within one inches of any edge and deep enough to expose the base metal. Expose the specimen for 1,000 hours per ASTM B117-07 using a 5% salt solution and 95°F operational temperature. After exposure, remove specimens and wipe dry. Immediately apply tape (Permacel 99 or equal) over scribed are by pressing down firmly against the coating. Sharply pull the tape off at a right angle to the surface being tested.
            a) Performance: The required is a minimum of seven on the scribed edge and minimum blister rating of eight within the test specimen field in accordance with tables in ASTM D1654.

Example - Fence Floor Flange