

Addendum #2

FOR

***City of Pearl Parks and Recreation:
Baseball and Softball Fields
Pearl, MS***

October 17, 2019

PICKERING FIRM, INC.
2001 Airport Parkway, Suite 201
Flowood, MS 39232
601-956-3663



DATE: October 17 2019

PROJECT: **City of Pearl Parks and Recreation: Baseball and Softball Fields
Pearl, MS**

NOTICE TO ALL BIDDERS: This Addendum modifies (changes, adds to, deletes from) and/or interprets the Bidding Documents (Project Manual and/or Drawings, as indicated), and becomes part of the Contract Documents when the Agreement between the Owner and Contractor is executed.

1. Replace the original Section 3: Bidding Forms with the revised being furnished with this addendum. Added or modified pay items are highlighted.
2. Replace the original specification Section 01025 Measurement and Payment with the revised being furnished with this addendum. The following pay items were added:
 - 91-** 4" Double Check Valve Assembly in Enclosure
 - 95-** Sanitary Sewer Manhole, 4' Dia.
 - 102-** Brick Seat/Planter Wall
3. Replace original plan sheet C6.0B Utility Plan-Baseball with the revised being furnished with this addendum.
4. All construction traffic for this project shall enter/exit at Legion Lake Road.
5. Acceptance testing will be provided and paid for by the owner. Any testing prior to acceptance testing will be at the contractor's expense. Testing required at synthetic turf infields per specification Section 321815 Outdoor Synthetic Playing Field Surfacing will also be at the contractor's expense.

SECTION 3: BIDDING FORMS

BID FORM

PLACE: Pearl, MISSISSIPPI

DATE: _____

CITY OF PEARL PARKS AND RECREATION: BASEBALL AND SOFTBALL FIELDS

Bid of _____

(hereinafter called "BIDDER") organized and existing under the laws of the State of _____

doing business as a _____.* (* Insert "a Corporation", "a Partnership" or "an

Individual" as applicable.)

TO: ATTN: Kelly Scouten, City Clerk
 2420 Old Brandon Road
 Pearl, MS 39208..... (hereinafter called "OWNER".)

GENTLEMEN:

The BIDDER, in compliance with your Invitation for Bids, having examined the Plans and Specifications with related documents and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of materials and labor, hereby proposes to furnish all labor, materials, supplies and to construct the Project in accordance with the Contract Documents within the time set forth therein and at the Unit Prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents of which this Proposal is a part.

The BIDDER further understands that the OWNER reserves the right to reject any or all Bids and waive informalities in the Bidding.

The BIDDER agrees that this Bid shall be valid and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving Bids.

Bidder understands that the quantities mentioned below are approximate only and are subject to either increase or decrease, and hereby proposes to perform any increased or decreased quantities of work at the Unit Price bid.

In accordance with the requirements of the Plans, Specifications and Contract Documents, Bidder proposes to furnish all necessary materials, equipment, labor, tools and other means of construction and to construct the Project in accordance with the Contract Documents within the specified Contract Time for the following Unit Prices:

(NOTE: Final amount are to be shown in **both** words and **figures**. In case of discrepancy, the amount shown in **words** will govern.)

Unit Prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

All erasures, changes or alterations of any kind must be initialed by the Bidder.

I. BASE BID

ITEM #	DESCRIPTION	UNIT	Quantity	Unit Price	Total Cost
1	Mobilization	LS	1		
2	Removal of Concrete Pavement	SY	1,086		
3	Removal of Asphalt Pavement	SY	2,406		
4	Sawcut Asphalt Pavement	LF	2,272		
5	Removal of Gravel Parking Lot	SY	1,816		
6	Removal of Concession Stand Building	EA	2		
7	Removal of Dugout (Includes Structure, Bench, and Fence)	EA	16		
8	Removal of Shade Structure	EA	3		
9	Removal of Shed	EA	1		
10	Removal of Score Keeper Box	EA	8		
11	Removal of Metal Bleachers	EA	14		
12	Removal of Wood Fencing, All Types & Sizes	LF	72		
13	Removal of Chain Link Fencing	LF	7,870		

14	Removal of Timber Edge	LF	425		
15	Removal of Scoreboard	EA	4		
16	Removal of Signs	EA	17		
17	Removal of Outfield Advertising Signs	EA	7		
18	Removal of Bollards	EA	12		
19	Removal of Flag Pole	EA	1		
20	Removal of Pole Gate	EA	1		
21	Remove and Replace Gate Inlet With Cast in Place Concrete Inlet-East Jordan Iron Works V-5724-1 2'x2' Frame and Gate	EA	1		
22	Remove and Replace Gate Inlet With Cast in Place Concrete Inlet-Contech 15" Gate	EA	1		
23	Remove and Replace Gate Inlet Top With Cast in Place Solid Top	EA	1		
24	Removal of Storm Piping, All Types & Sizes	LF	70		
25	Removal of Sanitary Sewer Piping, All Types & Sizes	LF	65		
26	Removal of Water Piping, All Types & Sizes	LF	497		
27	Replace and Adjust Utility Boxes to Grade	EA	21		
28	Removal of Backflow Preventor	EA	1		

29	Relocate Fire Hydrant	EA	1		
30	Clearing and Grubbing	AC	0.80		
31	Stripping (6" Depth, PM)	CY	16,620		
32	Unclassified Excavation (FM)	CY	6,410		
33	Borrow Excavation (FM)	CY	3,500		
34	Seeding	AC	4.80		
35	Bermuda Solid Sod	SY	49,876		
36	Temporary Construction Road	EA	2		
37	Straw Wattle	LF	1,625		
38	Temporary Silt Fence	LF	6,985		
39	18" Thick Rock Rip-Rap (200 LB)	TN	37		
40	Modified Type "1" Comb. Curb and Gutter	LF	1,070		
41	2" Surface Course SC-1, Type 8	TN	1,216		
42	4" Surface Course SC-1, Type 8	TN	4,198		
43	3" Base Course BB-1, Type 6	TN	540		
44	4" Base Course BB-1, Type 6	TN	1,082		
45	4" PCC sidewalk/plaza with welded wire mesh	SY	10,518		

46	Hydrated Lime, 6% by Dry Unit Soil Wt.	TN	130		
47	12" Soil-Lime-Water Mixing, Class C	SY	3,270		
48	4" White Painted Stripe	LF	13,241		
49	4" Blue Painted Stripe	LF	1,749		
50	Legend White 24" Stop Bar	LF	30		
51	Legend White	SF	112		
52	Wheel Stop	EA	18		
53	Handicap Sign	EA	16		
54	Electrical (per plans)	LS	1		
55	Fencing-5' Black Vinyl Coated, 8-gauge	LF	8,711		
56	Fencing-8' Black Vinyl Coated, 8-gauge	LF	1,849		
57	Synthetic Turf Infield-Fields 1-4 (11,339 sf)	EA	4		
58	Synthetic Turf Infield-Field 5 (12,437 sf)	EA	1		
59	Synthetic Turf Infield-Field 5 (16,987 sf)	EA	1		
60	3" Compacted Stabilized Infield Mix	TN	930		
61	#57 Crushed Limestone	CY	341		
62	Type V Geotextile Fabric for drainage	SY	2,805		

63	Course Sand	CY	22		
64	SS-3 Grate Inlet, All Depths	EA	2		
65	8" Inline Drain, 12" Solid Top (noted as cleanout on plans-softball and baseball)	EA	33		
66	12" PVC Drain Basin, 12" Solid Top	EA	17		
67	15" PVC Drain Basin, 15" Grate	EA	9		
68	18" PVC Drain Basin, 15" Grate	EA	2		
69	24" PVC Drain Basin, 15" Grate	EA	4		
70	24" PVC Drain Basin, 24" Grate	EA	16		
71	Cast in Place Concrete Inlet, Contech 15" Grate	EA	1		
72	15" RCP Flared End Section	EA	1		
73	18" RCP Flared End Section	EA	1		
74	24" RCP Flared End Section	EA	2		
75	8" Perforated HDPE	LF	4,088		
76	8" A2000 PVC	LF	435		
77	12" A2000 PVC	LF	543		
78	15" A2000 PVC	LF	540		

79	18" A2000 PVC	LF	499		
80	24" A2000 PVC	LF	861		
81	2" SCH. 40 PVC Irrigation Sleeving	LF	12		
82	4" SCH. 40 PVC Irrigation Sleeving	LF	12		
83	3/4" SDR 13.5 PVC Water Line	LF	250		
84	2" SDR 13.5 PVC Water Line	LF	60		
85	2.5" SDR 13.5 PVC Water Line	LF	300		
86	3" SDR 13.5 PVC Water Line	LF	680		
87	4" C900 PVC Water Line	LF	347		
88	6" C900 PVC Water Line	LF	48		
89	8" C900 PVC Water Line	LF	25		
90	Ground Hydrant	EA	22		
91	4" Double Check Valve Assembly in Enclosure	EA	1		
92	Connection to Existing Manhole	EA	1		
93	6" SDR26 PVC Sanitary Sewer	LF	303		
94	6" SS Cleanout	EA	1		
95	Sanitary Sewer Manhole, 4' Dia.	EA	1		

96	Irrigation Controller	LS	1		
97	Softball Concession Stand Building	LS	1		
98	Baseball Concession Stand Building	LS	1		
99	Dugout Structure	EA	22		
100	Shade Structure	EA	33		
101	Brick Backstop Wall	EA	11		
102	Brick Seat/Planter Wall	EA	3		
TOTAL (BASE BID) \$ _____					

II. ALTERNATES

ITEM #	DESCRIPTION	UNIT	Quantity	Unit Price	Total Cost
1.	Asphalt Removal and Replacement per C7.0S Paving Plan	LS	1	(+/-)	(+/-)
2.	Hydroseed in lieu of solid sod	SY	49,876	(+/-)	(+/-)

III. BID SUMMARY

TOTAL BID \$ _____

TOTAL BID IN WORDS: _____

Dollars

IV. UNIT PRICING

1. Provide Labor, Equipment and Supervision to excavate, remove and dispose of additional unsuitable soils if encountered, per cubic yard, (FM) (\$ _____/CY)
2. Provide Labor, Equipment and Supervision to clean and seal asphalt cracks 1/2" and larger

with hot rubberized type joint sealant if necessary prior to asphalt overlay, per linear foot,
(\$_____/LF)

NOTE: The Bidder must bid all Alternates and provide all requested unit pricing if any. The City of Pearl reserves the right to select any, all, or none of the Alternates; whatever may be to the advantage of the district. The Owner will award the Construction Contract to the lowest and best, responsive Bidder unless the City of Pearl elects to reject all bids.

Upon the receipt of written notice of acceptance of this Bid, the BIDDER will execute the formal Contract (attached) within ten (10) days and deliver the Surety Bonds and Certificates of Insurance as required by the General Conditions.

BIDDER hereby agrees to commence work under this Contract on or before a date to be specified in written "Notice to Proceed" of the OWNER and to fully complete the Project within **360** consecutive calendar days thereafter as stipulated in the Specifications. BIDDER further agrees to pay as liquidated damages the sum of **Eight Hundred and 00/100 Dollars (\$800.00)** for each consecutive calendar day thereafter as hereinafter provided in Paragraph 17 of the General Conditions.

The BID SECURITY attached in the sum of _____
_____ DOLLARS (\$_____)

is to become the property of the City of Pearl in the event the Contract and Contract Bonds are not executed within the time set forth as liquidated damages for the delay and additional expense to the City of Pearl.

BIDDER acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Respectfully submitted,

(Contractor)

BY: _____

(Business Address)

(SEAL - if Bid is by a Corporation)

Attachments:

BIDDER'S CORPORATE DECLARATION

(To be Filled in if BIDDER is a Corporation)

DATE: _____, 20__

Our Corporation is chartered under the laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President

Secretary

Address

Address

Treasurer

Address

BID BOND

ALL MEN BY THESE PRESENTS, that we, undersigned, _____
_____ as Principal, and _____
_____ as Surety, are hereby held and firmly bound unto the
City or Pearl as OWNER, in the penal sum of _____
_____ Dollars, (\$ _____) for the
payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors
and assigns.

Signed, this _____ day of _____, 20__.

THE CONDITION OF this obligation is such that whereas the Principal has submitted to the OWNER a
certain BID, attached hereto and hereby made part hereof to enter into a contract in writing, for the _____

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the
Form of Contract attached hereto (properly completed in accordance with said BID) and
shall furnish a BOND for his faithful performance of said contract, and for the payment
of all persons performing labor or furnishing materials in connection therewith, and shall
in all other respects perform the agreement created by the acceptance of said BID, then
this obligation shall be void, otherwise the same shall remain in force and effect; it being
expressly understood and agreed that the liability of the Surety for any and all claims
hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.
The Surety, for value received, hereby stipulates and agrees that the obligations of said
Surety and its BOND shall be in no way impaired or affected by any extension of the

time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seal, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their property officers, the day and year first set forth above.

Principal (L.S.)

Surety

By: _____
Attorney-in-Fact and Mississippi Resident Agent

(Typed Name and Address)

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the PROJECT is located.

SECTION 01025

MEASUREMENT AND PAYMENT

1.1 DESCRIPTION

- A. Contractor to furnish all labor, materials, tools, equipment, appurtenances and all services necessary to perform all work required, at the contract prices set forth in the Contract Agreement.
- B. No direct or separate payment will be made for providing miscellaneous temporary or accessory works, plant, services, Contractor's or Engineer's field offices, layout surveys, job signs, sanitary requirements, testing, safety devices, approval and record drawings, water supplies, power, removal of waste, watchmen, bonds, insurance, traffic management, erosion and sediment controls, pollution controls, and all other requirements of the Contract Documents. Compensation for all such services, things and materials to be included in the contract prices bid.

1.2 COMPENSATION

A. GENERAL:

- 1. The compensation as herein provided constitutes full payment for performance of the work. The compensation will further constitute full payment for all materials, labor, and equipment, and incidental items of construction furnished by the Contractor.
- 2. Material or work for which a Pay Item is not included in the Contract which is necessary to complete the work as contemplated under any section in the Specifications, furnished or performed, and is considered incidental to the completed construction, no additional payment will be made.

B. ALLOWANCE ITEMS:

- 1. Payment for item(s) of work of this contract for which specific information is necessary to develop a bid price is not available prior to bidding; the allowance provides adequate budget and bonding to constitute full compensation for furnishing all labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, test and reports, and for performing work defined within the allowance.
- 2. Payment to the Contractor for work on Allowance Item(s) represents direct costs associated with the item.
- 3. No Contractor markup permitted on Allowance Item(s).

1.3 PAY ITEMS

1) Mobilization / Demobilization

- i. Payment Schedule: Payment will be made for mobilization and demobilization at the Contract Lump Sum Price according to the following schedule:
 - a. Sixty (60) percent of the Lump Sum Price will be paid upon completion of the Contractor’s mobilization at the project site, subject to approval by the engineer.
 - b. The remaining forty (40) percent of the Lump Sum Price will be paid upon completion of demobilization, subject to approval by the Engineer.
 - c. The total of all payments not to exceed the original Contract Lump Sum Price.

2) Sawcutting & Removal, Relocation, Adjustment, and Replacement of Obstructions

- i. Measurement: Measurement for removal, relocation, adjustment, and replacement based as per contract unit specified on Bid Form.
- ii. Basis of Payment: Sawcutting Removal items will be paid for at the unit price bid per unit specified on bid form; which price shall be full compensation for removal and disposal of such items, excavation and subsequent backfill incidental to their removal. Foundations for signs, buildings, or any other structure needing support and utilities with appurtenances supporting a building shall be included in the unit price for such removal item. The price shall also include salvage of materials removed, their custody, preservation, storage on the site and disposal as provided herein. The price shall be full compensation for removal and disposal of such item to its entirety.

Removal and replacement items will be paid for at the unit price bid per unit removed and replaced. Relocation items will be paid for at the unit price bid per unit relocated. Replace and adjust items will be paid for at the unit price bid per unit replaced and adjusted to proposed grade.

DESCRIPTION OF ITEM	UNIT
Removal of Concrete Pavement, All Depths	SY
Removal of Asphalt Pavement, All Depths	SY
Sawcut Asphalt Pavement, All Thicknesses	LF
Removal of Gravel, All Thicknesses	SY
Removal of Concession Stand Building	EA
Removal of Dugout (Includes Structure, Bench, and Fence)	EA
Removal of Shade Structure	EA
Removal of Shed	EA
Removal of Score Keeper Box	EA
Removal of Metal Bleachers	EA

Removal of Wood Fencing, All Types & Sizes	LF
Removal of Chain Link Fencing	LF
Removal of Timber Edge	LF
Removal of Scoreboard	EA
Removal of Signs	EA
Removal of Outfield Advertising Signs	EA
Removal of Bollards	EA
Removal of Flag Pole	EA
Removal of Pole Gate	EA
Remove and Replace Grate Inlet with Cast in Place Concrete Inlet-EJIW #V-5724-1 2'x2' Frame and Grate	EA
Remove and Replace Grate Inlet with Cast in Place Concrete Inlet-Contech 15" Grate	EA
Remove and Replace Grate Inlet Top with Cast in Place solid top	EA
Removal of Storm Piping, All Types and Sizes	LF
Removal of Sanitary Sewer Piping, All Types and Sizes	LF
Removal of Water Piping, All Types and Sizes	LF
Replace and Adjust Utility Boxes to Grade	EA
Removal of Backflow Preventor	EA
Relocate Fire Hydrant	EA

3) Clearing and Grubbing

- i. Measurement: Measurement for Clearing and Grubbing is based per acre performed per the plans.
- ii. Basis of Payment: This item will be paid for at the unit price bid per acre as stated in the Bid Form; which price shall be full compensation for all clearing and grubbing operations, removal of structures and obstructions (when separate Pay Items are not called for in the Bid Form), disposal of residue materials, salvage of usable materials and for furnishing all materials, equipment, tools, labor and incidentals necessary to complete the work herein specified (unless separate Pay Items are contained in the Bid Form). All costs in connection therewith shall be included in the per acre bid for clearing and grubbing.

Landscaping shown to be removed on the plans shall be included in the unit price for clearing and grubbing.

DESCRIPTION OF ITEM	UNIT
Clearing and Grubbing	AC

4) Stripping

- i. Measurement: Measurement for Stripping is based per cubic yard performed at the specified depth and computed using the following method:
 - a. Plan Measurement: This method shall consist of cross-sectioning by survey the original terrain features and the applications of typical sections, areas, depths as specified in the plans to determine the total amount of stripping performed.
- ii. Basis of Payment: This item will be paid for at the unit price bid per cubic yard as stated in the Bid Form; which price shall be full compensation for furnishing all labor, equipment, tools, materials and incidentals necessary to complete the stripping in the manner prescribed. Payment shall further constitute full compensation for haul, placement, compaction, and/or disposal of all stripped material.

DESCRIPTION OF ITEM	UNIT
Stripping (6" Depth, PM)	CY

5) Excavation

- i. Measurement: Measurement for Excavation is based per cubic yard excavated per the plans and computed using the following method:
 - a. Final Measurement: This method shall consist of cross-sectioning by survey of the original terrain features and the "as-excavated" features to determine the total excavation performed for each class.
- ii. Basis of Payment: This item will be paid for at the unit price bid per cubic yard for each class of excavation performed. The price shall be full compensation for all excavation; dewatering; sheeting and bracing (unless otherwise provided for as a Bid Item in the Bid Form); and for furnishing all labor, equipment, tools, materials and incidentals necessary to complete the excavation in the manner prescribed. Payment shall further constitute full compensation for haul, placement, compaction, and/or disposal of all excavated material.

DESCRIPTION OF ITEM	UNIT
Unclassified Excavation (FM)	CY
Borrow Excavation, Compacted in Place (FM)	CY

6) Seeding

- i. Measurement: The completed and accepted seeding will be measured in acres.
- ii. Basis of Payment: Seeding shall be paid for at the Contract Unit Price bid per acre, which price shall be full compensation for furnishing, inoculating, planting and maintaining the

seeds until final acceptance of the Contract, for ground preparation, application of commercial fertilizer, mulch, agricultural limestone, watering, all materials, equipment tools, labor and incidentals necessary to complete the work. Temporary seeding necessary to comply with MDEQ construction storm water permit as a result of contractor project phasing shall be incidental and included in the unit price bid for seeding.

DESCRIPTION OF ITEM	UNIT
Seeding	AC

7) Bermuda Solid Sod

- i. Measurement: Solid sodding, constructed and established as specified, complete in place and accepted, will be measured by the square yard.
- ii. Basis of Payment: Solid sodding, measured as prescribed above, will be paid for at the unit price bid per square yard of solid sodding complete in place; price shall be full compensation for all trenching out, fine grading, ground preparation, seating the solid sod to the section specified; for backfill and disposal of surplus material; for furnishing, transporting and planting the sod; for all replanting deemed necessary; for application of commercial fertilizer, mulch, agricultural limestone, furnishing water and watering; for all plant establishment; and for all other materials, equipment, tools, labor and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
Bermuda Solid Sod	SY

8) Temporary Construction Road

- i. Measurement: Measurement for Temporary Construction Road, complete in place and accepted per the plans, based per each.
- ii. Basis of Payment: Temporary Construction Road will be paid for at the unit price bid per each, which will be full compensation for completing, maintaining, removal, and disposal.

DESCRIPTION OF ITEM	UNIT
Temporary Construction Road	EA

9) Straw Wattle

- i. Measurement: Straw wattles, complete in place and accepted, will be measured for payment by the linear foot of wattles placed in constructing, replacing, and maintaining erosion control per the plans.
- ii. Basis of Payment: This item will be paid for at the unit price bid per linear foot, which shall be full compensation for completing, maintaining, and removing the wattles and the removal and disposal of silt accumulations.

DESCRIPTION OF ITEM	UNIT
Straw Wattle	LF

10) Temporary Silt Fence

- i. Measurement: Temporary silt fence, complete in place and acceptable, will be measured for payment by the linear foot.
- ii. Basis of Payment: Silt fence will be paid for at the Contract Unit Price per linear foot which shall be full compensation for completing and maintaining the work.

DESCRIPTION OF ITEM	UNIT
Temporary Silt Fence	LF

11) Rock Rip-Rap

- i. Measurement: Rock rip-rap, type and thickness as specified on the plans, complete in place and accepted, will be measured for payment by the ton.
- ii. Basis of Payment: This item will be paid for at the unit price bid per ton for loose riprap, type as specified on the plans, complete in place; which price shall be full compensation for all materials, labor, equipment, tools, and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
18" Thick Rock Rip-Rap (200 LB)	TN

12) Concrete Curb and Gutter

- i. Measurement: Concrete curb and gutter, type as specified on the plans, complete in place and accepted, will be measured for payment by the linear foot along the face of the curb.
- ii. Basis of Payment: This item will be paid for at the unit price bid per linear foot for concrete curb and gutter, type as specified on the plans, complete in place; which price shall be full compensation for all materials including reinforcing steel; for all fine grading, backfilling and disposal of surplus materials; and for all labor, equipment, tools, and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
Modified Type "1" Combination Curb and Gutter	LF

13) Asphalt

- i. Measurement: Measurement for asphalt courses, mix design as specified on plans, based as per ton per the plans.

Bituminous tack and prime coats will not be measured for direct payment, but shall be considered a necessary part of the construction involved, and the cost thereof shall be included in the appropriate contract price.

Milling per the geotechnical report that is required along curbs, drainage structures, adjacent pavements, etc. necessary to install new asphalt pavement will not be measured for direct payment, but shall be considered a necessary part of the construction involved, and the cost thereof shall be included in the appropriate contract price.

- ii. Basis of Payment: This item will be paid for at the unit price bid per ton for plant mix, complete in place, which price shall be full compensation for construction of the completed base course, leveling course, or surface course, as directed provisions and requirements contained herein; for completing all incidentals thereto and for furnishing all materials (as provided by these Specifications, the Plans or the bid form) including their hauling or transportation, mixing equipment, tools, labor and incidentals required to complete the work.

The unit price bid for base course shall be used for compensation for any base repair work determined in the field per the geotechnical report.

No allowance will be made for unacceptable material; for material furnished or used in excess of the amount indicated or directed; for material used in replacing defective or condemned construction; for material wasted in handling, hauling, or otherwise. No additional payment will be made for extra weight placed which is not authorized as hereinabove set forth; nor for material used in connection therewith; and for maintaining the work in accordance with the provisions and requirements set forth herein.

DESCRIPTION OF ITEM	UNIT
2" Surface Course SC-1, Type 8	TN
4" Surface Course SC-1, Type 8	TN
3" Base Course BB-1, Type 6	TN
4" Base Course BB-1, Type 6	TN

14) Concrete Sidewalk

- i. Measurement: The area of completed and accepted concrete sidewalk will be measured and computed in square yards, using the neat dimensions show on the plans, and, unless otherwise ordered in writing by the Engineer, such dimensions shall not exceed those shown on the plans.
- ii. Basis of Payment: This item will be paid for at the unit price bid per square yard for concrete sidewalk, complete in place including reinforcement if required; which price shall be full compensation for all fine grading, backfilling and disposal of surplus material; and for all material, forms, equipment, tools, labor and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
4" PCC sidewalk/plaza with welded wire mesh	SY

15) Soil-Lime Treatment

- i. Measurement: Soil-lime-water mixing will be measured by the square yard of accepted area. The length used will be the actual horizontal length computed along the centerline of the subgrade and the width used shall be that shown on the Plans or established.

Hydrated lime which is actually incorporated in the completed work shall be measured in tons of 2,000 pounds or fractions thereof.

Additional lime used to reconstruct unacceptable sections will not be measured for payment.

- ii. Basis of Payment: Soil-lime-water mixing will be paid for at the unit price bid per square yard, complete and accepted; which price shall be full compensation for all preparation of the subgrade; for furnishing and applying water; for scarifying, pulverizing and drying the soil (if required); for mixing and remixing the soil, lime and water; for shaping and compaction of the mixture; for reconstruction of deficient section; for all protection, cover and maintenance of the completed subgrade; and for all equipment, tools labor and incidentals necessary to complete the work.

Hydrated lime will be paid for at the unit price bid per ton, which price shall be full compensation for furnishing lime and water; for preparation and application of slurry; for all hauling and maintaining; and for all equipment, tools, labor and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
Hydrated Lime, 6% by Dry Unit Soil Wt.	TN
12" Soil-Lime-Water Mixing, Class C	SY

16) Painted Pavement Markings

- i. Measurement: Painted pavement markings completed in accordance with the Plans and Specifications will be measured by the mile or by the linear foot, as indicated, from end-to-end of individual stripes. In the case of skip lines the measurement will include skips. The length used to measure centerline and edge stripes will be the horizontal length computed along the stationed control line.

- ii. Basis of Payment: Painted pavement markings will be paid for at the unit price bid per mile, linear foot, or square yard as applicable.

DESCRIPTION OF ITEM	UNIT
4" White Painted Stripe	LF
4" Blue Painted Stripe	LF
Legend White 24" Stop Bar	LF
Legend White	SF

17) Electrical

- i. Measurement: The completed site electrical work shall be considered as a unit of work (Lump Sum) and shall include demolition of existing items, the furnishing and installing of equipment and accessories; and the performance of all incidental items of work required to furnish the Owner with a completed system ready for use.
- ii. Basis of Payment: Payment of the Lump Sum Price shall constitute full compensation for the furnishing, installing or constructing the site electrical including all incidental items of construction required to perform the specified work. Payment shall further constitute full compensation for all equipment, material and incidental items of work within the limits required in these Contract Documents or as delineated on the Construction Drawings unless separate payment for a particular item of work is specifically provided for in the bid form.

DESCRIPTION OF ITEM	UNIT
Electrical (per plans)	LS

18) Fencing

- i. Measurement: Measurement of chain link fencing shall be by the number of linear feet installed for the type and height specified.

Gate assemblies will not be measured for separate payment and shall be included in the unit price bid for fencing.
- ii. Basis of Payment: Payment of the Contract Unit Price for fencing and gate assemblies shall constitute full compensation for the furnishing and installing of all posts, fabric, gates, barbed wire and all other incidental items required to complete the work.

Payment shall further constitute full compensation for furnishing all equipment, materials, labor and incidentals thereto required by the Contractor in the performance of the work.

DESCRIPTION OF ITEM	UNIT
Fencing-5' Black Vinyl Coated, 8-gauge	LF
Fencing-8' Black Vinyl Coated, 8-gauge	LF

19) Infield Mix

- i. Measurement: Infield mix shall be measured by the ton installed and accepted for the mix type specified on the plans.
- ii. Basis of Payment: Infield mix of the specified compacted thickness and type will be paid for at the unit price bid per ton. Payment shall constitute full compensation for furnishing all materials, loading, hauling, spreading, mixing, shaping, compacting, watering and maintenance per the manufacturer's recommendations; and for all labor, equipment, tools

and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
3" Compacted Stabilized Infield Mix	TN

20) Synthetic Turf Infield

- i. Measurement: Measurement for synthetic turf infield, installed and accepted per plans and specifications, shall be per each for the various sizes listed on the bid form.
- ii. Basis of Payment: This item will be paid for at the unit prices bid per unit (Each) for the various sizes of synthetic turf infields installed. Payment shall constitute full compensation for furnishing all materials, equipment, and labor for the following: removing all utility piping and structures within turf installation limits, shaping and fine grading with laser equipment the subgrade to the required plan elevations, geotextile fabric, 12" Advanedge panel drains and fittings, #89 limestone, #57 limestone, fine grading subbase stone with laser equipment, perimeter edge and transition details, carpet backing, synthetic turf, infill material, striping, base anchors, home plate, 3 bases, and any other incidentals necessary to complete the work ready for use.

Payment shall also constitute full compensation for field quality control items such as surveying, inspection, and testing to ensure satisfactory performance for owner acceptance.

DESCRIPTION OF ITEM	UNIT
Synthetic Turf Infield-Fields 1-4	EA
Synthetic Turf Infield-Field 5	EA
Synthetic Turf Infield-Field 6	EA

21) Crushed Limestone

- i. Measurement: Crushed limestone shall be measured by the cubic yard, installed and accepted, per the plans and shall be computed using plan measurement method.
- ii. Basis of Payment: Crushed limestone will be paid for at the unit price bid per cubic yard. Payment shall constitute full compensation for furnishing all materials, loading, hauling, and placing; and for all labor, equipment, tools and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
#57 Crushed Limestone	CY

22) Geotextile Fabric

- i. Measurement: Fabric placed in accordance with these Specifications and as directed by the Engineer will be measured by the square yard of surface area covered. Any

overwidth of material install and additional material required for laps or sewing will not be measured.

- ii. Basis of Payment: The accepted quantity of fabric will be paid for at the unit price per square yard. This payment will be full compensation for furnishing and placing the fabric, pins, lapping, sewing, maintaining the fabric until covered, and satisfactory completion of the Work.

DESCRIPTION OF ITEM	UNIT
Type V Geotextile Fabric for drainage	SY

23) Course Sand

- i. Measurement: Course sand shall be measured by the cubic yard installed and accepted per the plans.
- ii. Basis of Payment: Course sand of the specified size on the plans will be paid for at the unit price bid per cubic yard. Payment shall constitute full compensation for furnishing all materials, loading, hauling, spreading, mixing, shaping, watering and maintenance; and for all labor, equipment, tools and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
Course Sand	CY

24) Storm Drainage Structures

- i. Measurement: All manholes, inlets, catch basins, junction boxes and similar special drainage appurtenances will be measured per each installed.

Measurement shall include all castings, gratings, frames and other incidental items required to construct a complete unit. No separate measurement will be made for structure excavation, structure bedding/backfill, sheeting and shoring or for disposal of surplus materials.

- ii. Basis of Payment: This item will be paid for at the unit prices bid per unit (Each) for the various types and sizes of drainage structures installed. The price shall constitute full compensation for all bedding/backfill unless special bedding/backfill is provided for in the bid form.

DESCRIPTION OF ITEM	UNIT
SS-3 Grate Inlet, All Depths	EA
8" Inline Drain, 12" Solid Top	EA
12" PVC Drain Basin, 12" Solid Top	EA
15" PVC Drain Basin, 15" Grate	EA
18" PVC Drain Basin, 15" Grate	EA

24" PVC Drain Basin, 15" Grate	EA
24" PVC Drain Basin, 24" Grate	EA
Cast In Place Concrete Inlet, Contech 15" Grate	EA
15" RCP Flared End Section	EA
18" RCP Flared End Section	EA
24" RCP Flared End Section	EA

25) Storm Drainage Piping

- i. Measurement: The length of pipe of the several types, classes and sizes designated (new or relayed as the case may be) will be determined in linear feet by multiplying the number of commercial lengths [necessary and used to provide the staked length(s)], by the nominal laying length per pipe section, except that any lengths extended more than two feet (2') beyond the staked ends of the pipe or, in the case that the end(s) of the pipe are cut off flush with the face of the structure, any length extending more than two feet (2') beyond the longest projection of the pipe at the face of the structure shall be excluded from the measurement for payment. The net pay length, thusly determined, shall be rounded off to the nearest foot.
- ii. Basis of Payment: Payment will be made at the respective unit prices bid per linear foot for the various types and sizes of pipe and arch pipe, complete in place, and shall include all trench excavation, bedding/backfill (unless select gravel backfill is specified in the bid form as a pay item), for all sheeting, shoring and bracing, for all dewatering, and for cleaning up the site in an acceptable manner.

DESCRIPTION OF ITEM	UNIT
8" Perforated HDPE	LF
8" A2000 PVC	LF
12" A2000 PVC	LF
15" A2000 PVC	LF
18" A2000 PVC	LF
24" A2000 PVC	LF

26) Irrigation Sleeving

- i. Measurement: Irrigation sleeving, complete in place and acceptable, will be measured for payment by the linear foot.
- ii. Basis of Payment: Irrigation sleeving will be paid for at the unit prices bid for various size sleeves per linear foot which shall be full compensation for completing and maintaining the work.

DESCRIPTION OF ITEM	UNIT
2" SCH. 40 PVC Irrigation Sleeving	LF
4" SCH. 40 PVC Irrigation Sleeving	LF

27) Water Piping

- i. Measurement: Water piping shall be measured in units of linear feet for the various sizes and types listed in the bid form. Fittings and thrust concrete thrust blocking will not be measured for separate payment and shall be included in the unit price bid for water piping.
- ii. Basis of Payment: Payment will be made at the respective unit prices bid per linear foot for the various types and sizes of water piping at all increments of depth installed, complete in place, and unless otherwise specified, shall include the restoration and repair of any pavement or street surface necessary to be cut out during construction of the water piping. The contract prices shall be full compensation for all trench excavation and bedding/backfill unless gravel backfill is specified in the bid as a pay item and for furnishing all materials, appurtenances, accessories, labor, tools and equipment necessary to complete the work.

The contract price for water piping construction shall further constitute full compensation for the testing and disinfection of the piping.

The furnishing and installing of restrained joints shall be a subsidiary item of work in constructing the water main. No separate pay item shall be provided in the bid form.

DESCRIPTION OF ITEM	UNIT
3/4" SDR 13.5 PVC Water Line	LF
2" SDR 13.5 PVC Water Line	LF
2.5" SDR 13.5 PVC Water Line	LF
3" SDR 13.5 PVC Water Line	LF
4" C900 PVC Water Line	LF
6" C900 PVC Water Line	LF
8" C900 PVC Water Line	LF

28) Water Structures

- i. Measurement: Gate valves, gate valve boxes, fire hydrants, specialty valves, water meter boxes, and service assemblies (including service clamps, corporation stops, curb stops, connections, water meters and boxes, and markers) shall be measured in units of "each" for the various sizes, classes, styles and types listed in the bid form.
- ii. Basis of Payment: Payment will be made at the respective unit prices bid per each for the various types and sizes of gate valves, gate valve boxes, fire hydrants, specialty valves, and other appurtenances.

DESCRIPTION OF ITEM	UNIT
Ground Hydrant	EA
4" Double Check Valve Assembly in Enclosure	EA

29) Connection to Existing Manhole

- i. Measurement: Measurement for connecting to the existing sanitary sewer system based as per each as shown on the plans.
- ii. Basis of Payment: This item will be paid for at the unit price bid per each for tapping and connecting to the existing sanitary complete in place. Price to be full compensation for excavation, shoring, tap, disposal of surplus material, backfill and site restoration. Price includes all material, equipment, tools, labor and incidentals necessary to complete the work.

DESCRIPTION OF ITEM	UNIT
Connection to Existing Manhole	EA

30) Sanitary Sewer Piping

- i. Measurement: Gravity piping will be measured in linear feet along the centerline of the pipe from center-to-center of manholes and from center of manhole to center of junction with existing main or plugged end.
- ii. Basis of Payment: Payment will be made at the respective unit prices bid per linear foot for the various types and sizes of sewer piping installed, complete in place, and shall include all trench excavation, pipe bedding/backfill with select material, backfilling over pipe, for all sheeting, shoring and bracing, for all steel sheet piling, for all dewatering and for testing and flushing the completed system.

DESCRIPTION OF ITEM	UNIT
6" SDR26 PVC Sanitary Sewer	LF

31) Sanitary Sewer Structures

- i. Measurement: Sanitary structures shall be measured as the number of completed and accepted units (each) in place per the plans.
- ii. Basis of Payment: Sanitary structures will be paid for at the unit price per each for the type installed, complete in place and accepted. This price shall include all excavation and backfilling necessary for the satisfactory completion of the work.

DESCRIPTION OF ITEM	UNIT
6" SS Cleanout	EA
Sanitary Sewer Manhole, 4' Dia.	EA

32) Irrigation Controller

- i. Measurement: Installing the irrigation controller as specified on the plans shall be considered as a unit of work (Lump Sum) and shall include demolition of existing items, salvaging of necessary items, furnishing and installing of equipment and accessories; and the performance of all incidental items of work required to furnish the Owner with a completed system ready for use.
- ii. Basis of Payment: Payment of the Lump Sum Price shall constitute full compensation for furnishing and installing the irrigation controller including all incidental items of construction required to perform the specified work. Payment shall further constitute full compensation for all equipment, material, labor and incidental items of work within the limits required in these Contract Documents or as delineated on the Construction Drawings unless separate payment for a particular item of work is specifically provided for in the bid form.

<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>
Irrigation Controller	LS

33) Concession Buildings

- i. Measurement: Concession buildings shall be considered as a unit of work (Lump Sum) per the plans and specifications. Measurement shall include all architectural, structural, plumbing, mechanical components, furnishing and installing of equipment and accessories; and the performance of all incidental items of work required to furnish the Owner with a completed dugout structure ready for use.
- ii. Basis of Payment: Payment of the Lump Sum Price shall constitute full compensation for the furnishing, installing, and construction of all work specified by architectural, structural, plumbing, and mechanical disciplines; and all incidental items of construction required to perform the specified work. Payment shall further constitute full compensation for all equipment, material, labor and incidental items of work within the limits required in these Contract Documents or as delineated on the Construction Drawings unless separate payment for a particular item of work is specifically provided for in the bid form.

<u>DESCRIPTION OF ITEM</u>	<u>UNIT</u>
Softball Concession Stand Building	LS
Baseball Concession Stand Building	LS

34) Dugout Structure

- i. Measurement: Dugout structures shall be measured per each installed per the plans. Measurement shall include excavation/disposal of material, concrete slab and foundation pour, metal structure, bleachers, the furnishing and installing of equipment and accessories; and the performance of all incidental items of work required to furnish the Owner with a completed dugout structure ready for use.

- ii. Basis of Payment: Payment of the per each unit price shall constitute full compensation for the furnishing, installing, and construction of the entire dugout structure including slab and foundation, all incidental items of construction required to perform the specified work. Payment shall further constitute full compensation for all equipment, material and incidental items of work within the limits required in these Contract Documents or as delineated on the Construction Drawings unless separate payment for a particular item of work is specifically provided for in the bid form.

DESCRIPTION OF ITEM	UNIT
Dugout Structure	EA

35) Shade Structure

- i. Measurement: Shade structures shall be measured per each installed per the plans. Measurement shall include excavation/disposal of material, foundation, metal structure, bleachers, the furnishing and installing of equipment and accessories; and the performance of all incidental items of work required to furnish the Owner with a completed shade structure ready for use.
- ii. Basis of Payment: Payment of the per each unit price shall constitute full compensation for the furnishing, installing, and construction of the entire shade structure including foundation and all incidental items of construction required to perform the specified work. Payment shall further constitute full compensation for all equipment, material and incidental items of work within the limits required in these Contract Documents or as delineated on the Construction Drawings unless separate payment for a particular item of work is specifically provided for in the bid form.

DESCRIPTION OF ITEM	UNIT
Shade Structure	EA

36) Brick Backstop and Seat/Planter Wall

- i. Measurement: Brick walls shall be measured per each installed per the plans. Measurement shall include excavation/disposal of material, foundation, cmu, brick, post and tension cabling, netting, backstop padding, the furnishing and installing of equipment and accessories; and the performance of all incidental items of work required to furnish the Owner with a completed brick wall ready for use.
- ii. Basis of Payment: Payment of the per each unit price shall constitute full compensation for the furnishing, installing, and construction of the entire brick wall including foundation, posts and tension cabling, netting, backstop padding, and all incidental items of construction required to perform the specified work. Payment shall further constitute full compensation for all equipment, material and incidental items of work within the limits required in these Contract Documents or as delineated on the Construction Drawings unless separate payment for a particular item of work is specifically provided for in the bid form.

DESCRIPTION OF ITEM	UNIT
Brick Backstop Wall	EA
Brick Seat/Planter Wall	EA

END OF SECTION 01025



10.09.2019

CONSTRUCTION DOCUMENTS
WBA # 3518

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #2	10-17-19

- DEMOLITION NOTES:**
- THE EXISTING UNDERGROUND ELECTRICAL CONDUIT SHOWN ON PLANS REFLECTS UNDERGROUND ELECTRICAL CABLE AS-BUILT DRAWINGS DATED 1995 AND LOCATION IS APPROXIMATE ONLY.
 - THE EXISTING WATER MAINS SHOWN ON PLANS REFLECTS RECREATIONAL PROGRAM IMPROVEMENT PLANS DATED 1995 AND LOCATION IS APPROXIMATE ONLY.

