

Purchasing Office  
191 South East Street  
Frederick, Maryland 21701  
301-644-5116 phone  
301-644-5213 fax  
[billy.meekins@fcps.org](mailto:billy.meekins@fcps.org)



Stephen P. Starmer C.P.M., CSBA,  
Purchasing Manager  
Kim Miskell, Assistant Purchasing Manager  
Billie Laughland, Purchasing Agent  
**Bill Meekins CPPB, CSBO, CPCP,**  
Purchasing Agent  
Shane Ryberg, Purchasing Agent

## ADDENDUM

May 22, 2018

### ADDENDUM # 1

#### **Bid 18M14, Unit Price Contract for Fencing**

**DUE DATE: FCPS Main Lobby, Thursday, May 31, 2018, prior to and time stamped no later than 2:00 P.M.**

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original bid packages and any resultant contracts for the above bid.

1. Clarification: **“Bid items List A-1 thru G-6 are to be priced as materials only. These unit costs “do not” include labor to install these items”.**
2. Please note the Revised Form of Proposal is posted online, in electronic format for your convenience. An original “hard” copy along with the electronic copy in **excel format** (on CD or USB Flash Drive) is required.
3. This Addendum includes the following attachments:
  - a. Revised Section III - Specifications (6 pages)
  - b. Revised Form of Proposal (4 pages)
  - c. Pre-Bid Attendance Roster (1 page)

Thank you for your interest in bidding with Frederick County Public Schools and we apologize for any inconvenience this may have caused.

Sincerely,

*Bill Meekins*

Bill Meekins CPPB, CSBO, CPCP  
Purchasing Agent

BM/ab

cc: Gary Barkdoll, FMP, Manager of Maintenance Projects and Grounds  
Bid File

BID 18M14, UNIT PRICE CONTRACT FOR FENCING  
REVISED - SECTION III - SPECIFICATIONS

SUMMARY

Section Includes:

1. References
2. Products and Materials
3. Execution
4. Submittals

1.1 REFERENCES

ASTM International:

1. ASTM A53- Schedule 40 Pipe for mechanical and pressure applications. Has a different requirement than F1083 Schedule 40 Fence Pipe. (Note: F1083 may not be considered a substitute)
2. ASTM A123/A123M – Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
3. ASTM A392 – Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric.
4. ASTM A491 - Aluminum Coated (aluminized) Chain Link Fabric:
  - a. 6 Gauge (0.192”), 0.40 oz./ft<sup>2</sup> Aluminum Coating
  - b. 9 Gauge (0.148”), 0.40 oz./ft<sup>2</sup> Aluminum Coating
  - c. 11 Gauge (0.120”), 0.35 oz./ft<sup>2</sup> Aluminum Coating
5. ASTM A824 - Metallic Coated Steel Marcellled Tension Wire Used with Chain Link Fence.7 gauge (0.177”) Coil Spring Wire
  - a. Type I Aluminized 0.40 oz./ft<sup>2</sup>
  - b. Type II Galvanized
  - c. Class 1 – 0.80 oz./ft<sup>2</sup>
  - d. **Class 2 – 1.20 oz./ft<sup>2</sup> (FCPS Standard)**
  - e. Class 3 – 2.00 oz./ft<sup>2</sup>
  - f. Type III Zinc – 5% Aluminum-Mischmetal
  - g. Class 1 – 0.60 oz./ft<sup>2</sup>
  - h. Class 2 – 1.00 oz./ft<sup>2</sup>(Note: sometimes referred to as “Galvinal® or “Galfan®”)
6. ASTM C94/C94M – Standard Specification for Ready-Mixed Concrete.
7. ASTM F567 – Standard Practice for Installation of Chain-Link Fence.
8. ASTM F626 - Chain-Link Fence Fittings.
9. ASTM F668 - Standard Specification for Poly (Vinyl Chloride) (PVC)-Coated Steel Chain Link Fence Fabric.

Note:

  1. The wire gauge specified is that of the steel core wire, the gauge is determined by the diameter of the steel wire, not the finish coated diameter.
  2. Type of metallic coating on the steel wire substrate is the choice of the producer, unless otherwise specified by the purchaser. Can be galvanized, aluminized, or zinc-5% aluminum-mischmetal.
    - a. Class 1 Extruded
    - b. **Class 2a Extruded and Adhered (FCPS Standard)**
    - c. Class 2b Fused and Adhered

(Note: Fused and adhered is sometimes referred to as “Thermally Fused”)

10. ASTM F900 - Standard Specification for Industrial and Commercial Swing Gates.
11. ASTM F934 - Standard Colors for Polymer Coated Chain-Link Fence Material
  - a. Dark Green
  - b. Olive Green
  - c. Black
  - d. Brown
12. ASTM F1043 - Standard Specification for Strength and Protective Coatings on Metal Industrial Chain-Link Fence Framework (Schedule 40, LG 40, “C” Posts)
  - a. Group I A Schedule 40 Pipe
  - b. Group I B Aluminum Pipe
  - c. Group I C High Yield Strength Steel, min. 50,000 PSI
  - d. Group II C-Section
13. ASTM F1083- Steel Pipe, Hot-Dipped Galvanized for Fence Structures (formerly A 120 & A 53)
  - a. Schedule 40 Standard Weight Pipe, 1.8 oz./ft<sup>2</sup> Zinc Coating, minimum average
  - b. Schedule 80 Extra-Strong Pipe, 1.8 oz./ft<sup>2</sup> Zinc Coating, minimum average
14. ASTM F1183 - Aluminum Alloy Chain-Link Fabric Alloy 6061 T94
15. ASTM F1553 - Standard Guide for Specifying Chain-Link Fence
16. ASTM F1664 - Standard Specification for Polymer Coated Steel Tension Wire used with Chain-Link Fence.
  - a. Chain Link Fence Manufacturers Institute.
  - b. CLFMI – Product Manual.

## 1.2 QUALITY ASSURANCE

- A. Supply material in accordance with CLFMI – Product Manual.
- B. Perform installation in accordance with ASTM F567.

## 1.3 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three (3) years documented experience.
- B. Installer: Company specializing in performing work of this section with minimum three (3) years documented experience.

## 1.4 DELIVERY, STORAGE AND HANDLING

- A. Contactor shall be responsible for transporting, receiving, handling, storing, and securing all materials until permanently installed.

## PART 2 PRODUCTS

### 2.1 PRODUCT WARRANTY:

- A. Provide manufactures standard limited 15 year warranty on fused and adhered PVC coated steel chain link fence fabric against failure due to rust or corrosion.

## 2.2 MATERIALS AND COMPONENTS

- A. Materials and Components: Conform to Merchant Metals Specifications or approved equal.
- B. Fabric: Type I Class 2 Zinc Coated Galvanized 2 inch diamond mesh interwoven wire 9 gauge thick or Type IV Class 2 Poly Vinyl Chloride (PVC) 2 inch diamond mesh interwoven wire 9 gauge thick Coated Steel Chain Link.**
- C. Intermediate Posts: Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Post.
- D. Terminal, Corner, and Gate Posts: Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Post.
- E. Rail and Brace: Type I Schedule SS20 Galvanized swaged end or Type I Schedule SS20 Heavy Mil Vinyl Bonded swaged steel pipe.

## 2.3 MATERIALS

- A. Framing (Steel): ASTM F1083 Schedule 40 galvanized steel pipe, welded construction, minimum yield strength of 36 ksi; coating conforming to ASTM F1043 Type A on pipe exterior and interior.
- B. Fabric Wire (Steel): ASTM F668 PVC coated.
- C. Concrete: Ready Mixed Concrete mixed and delivered in accordance with ASTM C94/C94M, 4000 psi strength at 28 days.
- D. Concrete: Site Mixed Concrete (bag) 4000 psi strength at 28 days, mixed in accordance of the manufacturer's recommendation. Recommended concrete by the manufacture of "Quickrete".

## 2.4 COMPONENTS

- A. Line Posts: 2 ½ inch diameter Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Post.
- B. Terminal Posts with flat cap: 3 inch Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Post.
- C. Gate Posts with flat cap: 3, 4 & 6-5/8 inch diameter Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Post.
- D. Top and Brace Rail with enclosed rail ends: 1-5/8 inch diameter, (swaged end) Type I Schedule SS20 Galvanized or Type I Schedule 20 Heavy Mil Vinyl Bonded Steel Pipe.
- E. Gate Frame Single 3ft. – 6ft.: 1-5/8 inch Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Pipe.
- F. Gate Frame Double 6ft. – 10ft.: 1-5/8 inch Type I Schedule SS40 Galvanized or Type I Schedule 40 Heavy Mil Vinyl Bonded Steel Post.
- G. Fabric: 2 inch diamond mesh interwoven wire 9 gauge thick Type I Class 2 Zinc Coated Galvanized 2 inch or Type IV class 2 Poly Vinyl Chloride (PVC) 2 inch Coated Steel Chain Link Fabric per Merchant Metals Specifications or approved equal. Top salvage knuckle end closed, bottom salvage knuckle end closed unless otherwise specified by Owners Representative.**
- H. Tension Wire: 7 gauge galvanized or 6 gauge black Poly Vinyl Chloride (PVC) single strand.

- I. Tension Band: 1/8 inch thick steel beveled galvanized or 1/8 inch thick beveled black vinyl coated sized to post diameter.
- J. Tension Strap: 1/8 inch thick steel beveled galvanized or 1/8 inch thick beveled black vinyl coated sized to post diameter.
- K. Tension Bars: 5/8 inch or 3/4 inch galvanized or black vinyl coated.
- L. Tie Wire: 9 gauge aluminum alloy steel wire or black vinyl coated.
- M. Hog Rings: galvanized steel or black.
- N. Loop Caps: galvanized steel or black vinyl coated size to rail and post diameter.
- O. Enclosed Rail Ends: galvanized steel or black vinyl coated size to rail diameter.
- P. Boulevard Clamp: galvanized steel or black vinyl coated size to rail and post diameter.
- Q. Flat Caps: galvanized steel or black vinyl coated size to post diameter.

## 2.5 ACCESSORIES

- A. Fittings: Sleeves, bands, clips, enclosed rail ends, tension bars, fasteners and fittings; galvanized steel or black vinyl coated.
- B. Gate Hardware: Industrial (IOH) 180 degree gate hinges malleable steel galvanized or black vinyl coated, two (2) for each leaf up 72 inches in height size to post diameter. Industrial (IOH) 1-5/8 inch center gate latch and drop rod hardware for padlock.

## 2.6 GATES

### A. General:

1. Gate Types, Opening Widths and Directions of Operation: As indicated on provided drawings or to be field determined by Owner's (FCPS) Representative.
2. Factory assembled gates.
3. Conform to requirements specified for PVC coated steel chain link fence except that PVC coated aluminum alloy framing conforming to ASTM B429 may be used.
4. Design gates for operation by one person.
5. ***All gates 48" or less wide will not require mid-rail bracing unless otherwise specified by the owners FCPS representative at the time of ordering of the work.***
6. ***All gates greater than 48" shall have mid-rail bracing installed as additional support. Bracing shall be a minimum of 1-5/8" SS20 galvanized or black vinyl coated pipe placed horizontally in the center of the gate framing.***
7. ***All gate frame work shall be welded construction and all welds shall be paint to a close match to prevent rusting.***

## 2.7 FINISHES

- A. Components and Fabric: Vinyl coating, black color in accordance with ASTM F934 over galvanized coating.
- B. Vinyl Components: Black color to match fabric.
- C. Hardware: Galvanized to ASTM A153/A153M two (2) oz/sq ft coating.
- D. Accessories: Same finish as fabric.

## PART 3 EXECUTION

### 3.1 EXCAVATION AND CLEANUP

- A. All holes shall be excavated to a diameter of 10 – 12 inches by 30 – 36 inches depth under normal conditions by a manual means or a mechanically powered auger. If it is determined once the work has started that an alternate means of excavation is needed to perform the work it is the Contactor's responsibility to stop work and notify the Owner's (FCPS) Representative to develop a solution prior to a continuation of work. It is the Owner's (FCPS) responsibility to meet with the Contractor's Representative on site to discuss the options with the Contractor.
- B. Contractor shall be responsible for removal and disposal of all existing fencing materials when doing repairs and replacement work. Contactor shall be responsible for removal and disposal of any excess debris such as sod, soils and rock. Excavated areas should be hand raked removing stones and debris greater than 1/2 inch. All debris shall be removed from the site unless otherwise directed by the Owner's (FCPS) Representative.
- C. *The owner FCPS shall be responsible for marking of all privately owned utilities prior to the contractor performing the work.*
- D. *The Contractor shall be responsible for contacting "Miss Utility" and verifying that all major utilities are marked prior to digging. Once all of utilities have be marked and cleared by "Miss Utility" the contractor shall provide the FCPS representative with an emailed copy of the work ticket for validation that the work has taken place.*

### 3.2 INSTALLATION

- A. Install framework, fabric, accessories and gates in accordance with ASTM F567.
- B. Line Post Footing Depth Below Finish Grade: ASTM F567; 30-36 inches below grade.
- C. Terminal Post Footing Depth Below Finish Grade: ASTM F567; 30-36 inches below grade unless otherwise specified by Owners representative.
- D. Gate Post Depth Below Finish Grade: ASTM F567; 36-48 inches below grade as specified below.
  - 1. All gates 4-6 ft. in length shall have a minimum of a 3 inch terminal post installed on both ends with bracing. Each post shall be wet set in concrete in a minimum excavated hole size of 10 inch diameter by 36 inches deep.
  - 2. All gates 6-13 ft. in length shall have a minimum of a 4 inch terminal post on both ends with bracing. Each post shall be wet set in concrete in a minimum excavated hole size of 12 inch diameter by 36 inches deep.
  - 3. All gates 13ft. and greater in length shall have a minimum of a 6-5/8 inch terminal post on both ends with bracing. Each post shall be wet set in concrete in a minimum excavated hole size of 12 inch diameter by 48 inches deep.
- E. All posts shall be capped and spaced no more than 10 ft. on center.
- F. Natural Turf Installation: Wet set in concrete filled footings all terminal, line and gate posts. Footers are to be filled within 1inch of existing grade, top off footings above existing grade with three – four inches of excavated soils with a mounded top to shed water.

- G. Hard Surface Installation: Wet set in concrete filled footings all terminal, line and gate posts. Footers are to be filled to match existing hard surface with a ½ - ¾ inch crown on top to shed water.
- H. All fencing 8 ft. or above will be installed with a middle rail with fabric tied every 16”.
- I. Brace each gate and corner post to adjacent line post with horizontal center brace rail. Install brace rail one bay from end and one bay at gate posts.
- J. Install top rail through line post tops and splice together by using swedged sections of 1-5/8 inch pipe.
- K. Install center and bottom brace rail on corner gate leaves.
- L. Install 7 gauge galvanized or 6 gauge black vinyl bottom tension wire prior to stretching fabric and attach to post with ties. Secure tension wire to fabric with 12- ½ gauge hog ring fasteners every 24 inches.
- M. Do not stretch fabric until concrete foundation has cured 1-3 days.
- N. Place fabric on outside of posts and rails unless otherwise specified by Owners Representative.
- O. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.
- P. Position bottom of fabric 2 inches above finished grade unless otherwise directed.
- Q. Fasten fabric to top rail, line posts, braces, with tie wire at not less than 16 inches apart per ten foot section and not less than one every 12 inches apart on line post.
- R. Attach fabric to end, corner, and gate posts with tension bands and tension bar clips.
- S. Install bottom tension strap stretched taut between terminal posts.
- T. Support gates from gate posts.
- U. Install gate with fabric to match fence. Install two (2) hinges on each gate leaf, latch, catches, and drop bolt.
- V. Provide concrete center drop to footing depth and drop rod retainers (sleeve) at center of double gate openings on all hard surfaces crown top to shed water.

### 3.3 ERECTION TOLERANCES

- A. Maximum Variation From Plumb: ¼ inch.
- B. Maximum Offset From Indicated Position: 1 inch.

### SUBMITTALS

- A. The Contractor shall submit (2) two complete copies of product data sheets including specifications for all materials outlined in this bid. All submittals shall be sent as a part of their bid submission. All submittals will be reviewed and approved by the Frederick County Public Schools (FCPS) contract administrator Gary Barkdoll or designee prior to bid award.

**FREDERICK COUNTY PUBLIC SCHOOLS  
 BID 18M14, UNIT PRICE CONTRACT FOR FENCING  
 REVISED FORM OF PROPOSAL**

#	BID ITEM	UNIT OF MSRMNT	UNIT PRICE
<b>A</b>	<b>Post - Terminal, Line &amp; Gate</b>		
A-1	2-1/2" - galvanized type SS40 - 36"	each	\$
A-2	2-1/2" - galvanized type SS40 - 42"	each	\$
A-3	2-1/2" - galvanized type SS40 - 48"	each	\$
A-4	2-1/2" - galvanized type SS40 - 72"	each	\$
A-5	2-1/2" - galvanized type SS40 - 84"	each	\$
A-6	2-1/2" - galvanized type SS40 - 96"	each	\$
A-7	2-1/2" - galvanized type SS40 - 120"	each	\$
A-8	2-1/2" - black vinyl type SS40 - 36"	each	\$
A-9	2-1/2" - black vinyl type SS40 - 42"	each	\$
A-10	2-1/2" - black vinyl type SS40 - 48"	each	\$
A-11	2-1/2" - black vinyl type SS40 - 72"	each	\$
A-12	2-1/2" - black vinyl type SS40 - 84"	each	\$
A-13	2-1/2" - black vinyl type SS40 - 96"	each	\$
A-14	2-1/2" - black vinyl type SS40 - 120"	each	\$
A-15	3" - galvanized type SS40 - ( including flat cap) 36"	each	\$
A-16	3" - galvanized type SS40 - ( including flat cap) 42"	each	\$
A-17	3" - galvanized type SS40 - ( including flat cap) 48"	each	\$
A-18	3" - galvanized type SS40 - ( including flat cap) 72"	each	\$
A-19	3" - galvanized type SS40 - ( including flat cap) 84"	each	\$
A-20	3" - galvanized type SS40 - ( including flat cap) 96"	each	\$
A-21	3" - galvanized type SS40 - ( including flat cap) 120"	each	\$
A-22	3" - black vinyl type SS40 - ( including flat cap) 36"	each	\$
A-23	3" - black vinyl type SS40 - ( including flat cap) 42"	each	\$
A-24	3" - black vinyl type SS40 - ( including flat cap) 48"	each	\$
A-25	3" - black vinyl type SS40 - ( including flat cap) 72"	each	\$
A-26	3" - black vinyl type SS40 - ( including flat cap) 84"	each	\$
A-27	3" - black vinyl type SS40 - ( including flat cap) 96"	each	\$
A-28	3" - black vinyl type SS40 - ( including flat cap) 120"	each	\$
A-29	4" - galvanized type SS40 - ( including flat cap) 36"	each	\$
A-30	4" - galvanized type SS40 - ( including flat cap) 42"	each	\$
A-31	4" - galvanized type SS40 - ( including flat cap) 48"	each	\$
A-32	4" - galvanized type SS40 - ( including flat cap) 72"	each	\$
A-33	4" - galvanized type SS40 - ( including flat cap) 84"	each	\$
A-34	4" - galvanized type SS40 - ( including flat cap) 96"	each	\$
A-35	4" - galvanized type SS40 - ( including flat cap) 120"	each	\$
A-36	4" - black vinyl type SS40 - ( including flat cap) 36"	each	\$
A-37	4" - black vinyl type SS40 - ( including flat cap) 42"	each	\$
A-38	4" - black vinyl type SS40 - ( including flat cap) 48"	each	\$
A-39	4" - black vinyl type SS40 - ( including flat cap) 72"	each	\$
A-40	4" - black vinyl type SS40 - ( including flat cap) 84"	each	\$
A-41	4" - black vinyl type SS40 - ( including flat cap) 96"	each	\$
A-42	4" - black vinyl type SS40 - ( including flat cap) 120"	each	\$
A-43	6-5/8" - galvanized type SS40 - ( including flat cap) 36"	each	\$
A-44	6-5/8" - galvanized type SS40 - ( including flat cap) 42"	each	\$
A-45	6-5/8" - galvanized type SS40 - ( including flat cap) 48"	each	\$
A-46	6-5/8" - galvanized type SS40 - ( including flat cap) 72"	each	\$
A-47	6-5/8" - galvanized type SS40 - ( including flat cap) 84"	each	\$
A-48	6-5/8" - galvanized type SS40 - ( including flat cap) 96"	each	\$
A-49	6-5/8" - galvanized type SS40 - ( including flat cap) 120"	each	\$
A-50	6-5/8" - black vinyl type SS40 - ( including flat cap) 36"	each	\$
A-51	6-5/8" - black vinyl type SS40 - ( including flat cap) 42"	each	\$
A-52	6-5/8" - black vinyl type SS40 - ( including flat cap) 48"	each	\$
A-53	6-5/8" - black vinyl type SS40 - ( including flat cap) 72"	each	\$
A-54	6-5/8" - black vinyl type SS40 - ( including flat cap) 84"	each	\$
A-55	6-5/8" - black vinyl type SS40 - ( including flat cap) 96"	each	\$
A-56	6-5/8" - black vinyl type SS40 - ( including flat cap) 120"	each	\$
B-1	1-5/8" - galvanized type SS20 - ( swedged )	ln. ft.	\$
B-2	1-5/8" - black vinyl type SS20 - ( swedged )	ln. ft.	\$
<b>C</b>	<b>Tension Wire -Price / ln. ft.</b>		
C-1	7 - gauge galvanized	ln. ft.	\$
C-2	6 - gauge black vinyl	ln. ft.	\$
<b>D</b>	<b>Fence Fabric - Price / sq. ft.</b>		

Vendor: \_\_\_\_\_



**FREDERICK COUNTY PUBLIC SCHOOLS  
 BID 18M14, UNIT PRICE CONTRACT FOR FENCING  
 REVISED FORM OF PROPOSAL**

#	BID ITEM	UNIT OF MSRMNT	UNIT PRICE
D-1	9 - gauge - 2" square galvanized - selvage knuckle/selvage knuckle	sq. ft.	\$
D-2	9 - gauge - 2" square galvanized - selvage twisted/selvage knuckle	sq. ft.	\$
D-3	10 - gauge - 2" square black vinyl - selvage knuckle/selvage knuckle	sq. ft.	\$
D-4	10 - gauge - 2" square black vinyl - selvage twisted/selvage knuckle	sq. ft.	\$
<b>E</b>	<b>Hardware: Galvanized &amp; Black Vinyl</b>		
E-1	Tension Bars 1/4" X 5/8" galvanized	ln. ft.	\$
E-2	Tension Bars 1/4" X 5/8" black vinyl	ln. ft.	\$
E-3	Tension Bars 1/4" X 3/4" galvanized	ln. ft.	\$
E-4	Tension Bars 1/4" X 3/4" black vinyl	ln. ft.	\$
E-5	Flat Caps 3" galvanized	each	\$
E-6	Flat Caps 3" black vinyl	each	\$
E-7	Flat Caps 4" galvanized	each	\$
E-8	Flat Caps 4" black vinyl	each	\$
E-9	Flat Caps 6-5/8" galvanized	each	\$
E-10	Flat Caps 6-5/8" black vinyl	each	\$
E-11	Loop Caps 2-1/2" X 1-5/8" galvanized	each	\$
E-12	Loop Caps 2-1/2" X 1-5/8" black vinyl	each	\$
E-13	Enclosed Rail End 1-5/8" galvanized	each	\$
E-14	Enclosed Rail End 1-5/8" black vinyl	each	\$
E-15	Fence Ties 9 gauge galvanized	each	\$
E-16	Fence Ties 9 gauge black vinyl	each	\$
E-17	Hog Rings - galvanized	per lb.	\$
E-18	Hog Rings - black vinyl	per lb.	\$
E-19	Beveled Brace Bands 2-1/2" galvanized	each	\$
E-20	Beveled Brace Bands 2-1/2" black vinyl	each	\$
E-21	Beveled Brace Bands 3" galvanized	each	\$
E-22	Beveled Brace Bands 3" black vinyl	each	\$
E-23	Beveled Brace Bands 4" galvanized	each	\$
E-24	Beveled Brace Bands 4" black vinyl	each	\$
E-25	Beveled Brace Bands 6-5/8" galvanized	each	\$
E-26	Beveled Brace Bands 6-5/8" black vinyl	each	\$
E-27	Beveled Tension Bands 2-1/2" galvanized	each	\$
E-28	Beveled Tension Bands 2-1/2" black vinyl	each	\$
E-29	Beveled Tension Bands 3" galvanized	each	\$
E-30	Beveled Tension Bands 3" black vinyl	each	\$
E-31	Beveled Tension Bands 4" galvanized	each	\$
E-32	Beveled Tension Bands 4" black vinyl	each	\$
E-33	Beveled Tension Bands 6-5/8" galvanized	each	\$
E-34	Beveled Tension Bands 6-5/8" black vinyl	each	\$
E-35	Boulevard Clamp 1-5/8" X 2" galvanized	each	\$
E-36	Boulevard Clamp 1-5/8" X 2" black vinyl	each	\$
E-37	Boulevard Clamp 1-5/8" X 2-1/2" galvanized	each	\$
E-38	Boulevard Clamp 1-5/8" X 2-1/2" black vinyl	each	\$
E-39	Drop Latches galvanized	each	\$
E-40	Drop Latches black vinyl	each	\$
E-41	Fork Latches galvanized	each	\$
E-42	Fork Latches black vinyl	each	\$
E-43	Adjustable Truss Rod galvanized	each	\$
E-44	Adjustable Truss Rod black vinyl	each	\$
E-45	Industrial Center Locking Gate 1-5/8" galvanized	each	\$
E-46	Industrial Center Locking Gate 1-5/8" black vinyl	each	\$
E-47	Industrial Center Locking Gate 2" galvanized	each	\$
E-48	Industrial Center Locking Gate 2" black vinyl	each	\$
E-49	Drop Rod Fork & Guide 1-5/8" galvanized	each	\$
E-50	Drop Rod Fork & Guide 1-5/8" black vinyl	each	\$
E-51	Drop Rod Fork & Guide 2" galvanized	each	\$
E-52	Drop Rod Fork & Guide 2" black vinyl	each	\$
E-53	IOH - Industrial Hinges 1-5/8" or 2" X 2-1/2" galvanized	each	\$
E-54	IOH - Industrial Hinges 1-5/8" or 2" X 2-1/2" black vinyl	each	\$
E-55	IOH - Industrial Hinges 1-5/8" or 2" X 3" galvanized	each	\$
E-56	IOH - Industrial Hinges 1-5/8" or 2" X 3" black vinyl	each	\$
E-57	IOH - Industrial Hinges 1-5/8" or 2" X 4" galvanized	each	\$
E-58	IOH - Industrial Hinges 1-5/8" or 2" X 4" black vinyl	each	\$

Vendor: \_\_\_\_\_

**FREDERICK COUNTY PUBLIC SCHOOLS  
 BID 18M14, UNIT PRICE CONTRACT FOR FENCING  
REVISED FORM OF PROPOSAL**

#	BID ITEM	UNIT OF MSRMNT	UNIT PRICE
E-59	IOH - Industrial Hinges 1-5/8" or 2" X 6-5/8" galvanized	each	\$
E-60	IOH - Industrial Hinges 1-5/8" or 2" X 6-5/8" black vinyl	each	\$
<b>F</b>	<b>Gates - Price / sq. ft.</b>		
F-1	For 36" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (no mid rail)	sq. ft.	\$
F-2	For 42" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (no mid rail)	sq. ft.	\$
F-3	For 48" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (no mid rail)	sq. ft.	\$
F-4	For 72" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 galvanized pipe)	sq. ft.	\$
F-5	For 84" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 galvanized pipe)	sq. ft.	\$
F-6	For 96" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 galvanized pipe)	sq. ft.	\$
F-7	For 120" high x various width, single gate using SS40 galvanized pipe, 9 gage 2" square galvanized fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 galvanized pipe)	sq. ft.	\$
F-8	For 36" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (no mid rail)	sq. ft.	\$
F-9	For 42" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (no mid rail)	sq. ft.	\$
F-10	For 48" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (no mid rail)	sq. ft.	\$
F-11	For 72" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 black vinyl pipe)	sq. ft.	\$
F-12	For 84" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 black vinyl pipe)	sq. ft.	\$
F-13	For 96" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 black vinyl pipe)	sq. ft.	\$
F-14	For 120" high x various width, single gate using SS40 black vinyl pipe, 9 gage 2" square black vinyl fabric with selvage knuckle / selvage knuckle. (mid rail required using SS20 black vinyl pipe)	sq. ft.	\$
<b>G</b>	<b>Privacy Fence Slats - (standard colors ) Black, Brown, Light &amp; Dark Green</b>		
G-1	Slats ( per 10' section of fencing) 48"	per pkg.	\$
G-2	Slats ( per 10' section of fencing) 72"	per pkg.	\$
G-3	Slats ( per 10' section of fencing) 84"	per pkg.	\$
G-4	Slats ( per 10' section of fencing) 96"	per pkg.	\$
G-5	Slats ( per 10' section of fencing) 120"	per pkg.	\$
G-6	Slats ( per 10' section of fencing) Special Order - % markup	%	
<b>H</b>	<b>Hourly Rates</b>		
H-1	Forman - regular hours	per hr.	\$
H-2	Forman - premium hours	per hr.	\$
H-3	Mechanic - regular hours	per hr.	\$
H-4	Mechanic - premium hours	per hr.	\$
<b>I</b>	<b>Materials Not Specified</b>		

Vendor: \_\_\_\_\_

**FREDERICK COUNTY PUBLIC SCHOOLS  
 BID 18M14, UNIT PRICE CONTRACT FOR FENCING  
REVISED FORM OF PROPOSAL**

#	BID ITEM	UNIT OF MSRMNT	UNIT PRICE
I-1	Percent markup for additional materials	%	
J	<b>Work Not Specified</b>		
J-1	Work Not Specified - Scope Definition Provided - lump sum amount	each	\$
K	<b>Equipment Rental</b>		
K-1	Equipment rental - all necessary - lump sum amount	each	\$
	<b>TOTAL COST</b>		<b>\$</b>

Vendor: \_\_\_\_\_

Frederick County Public Schools  
Purchasing Department  
PRE-BID MEETING ATTENDANCE ROSTER

BID 18M14, UNIT PRICE CONTRACT FOR FENCING

MAY 17, 2018, 10:30 AM, LOCAL TIME {CONF. RM. 2B}

NAME (PLEASE PRINT)	FIRM REPRESENTED (PLEASE PRINT)	PHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS
Jesse Kohn	Co. Name: <i>H.M. Fence Construction</i> Address: <i>810 London Ct Frederick MD 21001</i>	<i>301-788-7618</i>	<i>301-846-0626</i>	<i>kohnfence@yahoo.com</i>
Owen Duffy	Co. Name: <i>Best Fence 21061</i> Address: <i>26 8th Avenue GB MD</i>	<i>443-459-7278</i>	<i>410-768-8991</i>	<i>Owen @ best fence. biz</i>
TANIA ARGUETH	Co. Name: <i>LLM CONST.</i> Address: <i>218 E LEXINGTON ST #201B BALTIMORE MD</i>	<i>443-909-6916</i>		<i>Targueta@LLM CONSTRUCTION.COM</i>
<i>George Tracey</i>	Co. Name: Address: <i>FCPS</i>			
<i>Gray Backdool</i>	Co. Name: Address: <i>FCPS</i>	<i>301-644-5144</i>	<i>301-644-5170</i>	<i>gray.backdool@fcps.org</i>
<i>BILL MECKINS</i>	Co. Name: Address: <i>FCPS</i>			
	Co. Name: Address:			
	Co. Name: Address:			
	Co. Name: Address:			
	Co. Name: Address:			
	Co. Name: Address:			