



**ADDENDUM NO. 1**

TO: Interested Parties

FROM: Brennan Garrett, Senior Architectural Project Manager  
Division of Engineering

DATE: Friday, August 30, 2019

PROJECT: **WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER,  
PHASE-1 SITE DEVELOPMENT  
CONTRACT NO. MS-TC-266-28**

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Acknowledge receipt of this **Addendum No. 1** by signing in the space provided below and returning with your Bid.

Failure to sign and return with your Bid may subject the Bidder to disqualification. This **Addendum No. 1** forms a part of the Bid Documents, it supplements and modifies them as outlined herein.

This **Addendum No. 1** consists of **83** pages, including this page.

I hereby acknowledge receipt of **Addendum No. 1**:

By: \_\_\_\_\_ Date \_\_\_\_\_  
Signed Name

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

For (Firm): \_\_\_\_\_

Phone Number: \_\_\_\_\_

**ADDENDUM NO. 1**  
**Page 1 of 6**

**ADDENDUM NO. 1**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER,  
PHASE-1 SITE DEVELOPMENT**


**Washington County Contract No. MS-TC-266-28**

Date Issued: Friday, August 30, 2019

Bids Due: **Wednesday, September 11, 2019**  
**2:00 p.m., Local Time**


**The following addendum material is hereby made a part of the Bid Documents.**

**Please note the following changes, information, and/or instructions in connection with the proposed work and submit proposals accordingly.**



Brennan Garrett  
Senior Architectural Project Manager  
Division of Engineering

By Authority of:  
Board of County Commissioners  
Washington County, Maryland



Scott Hobbs, P.E.  
Director  
Division of Engineering



**ADDENDUM NO. 1**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER,  
PHASE-1 SITE DEVELOPMENT**

**County Contract No. MS-TC-266-28**

**ITEM 1.04**     **CHANGES/REVISIONS TO THE SPECIAL PROVISIONS AS NOTED (cont'd):**

**ADD:**

**Incorporate into the Special Provisions;**     **Item No. 3036 SWM-10 MICRO BIO-RETENTION CLAY CORE** (consisting of one page)

**DELETE/REMOVE:**

**From the Special Provisions;**     **Page 62**

**INSERT:**

**Incorporate into the Special Provisions;**     **Page 62R** (consisting of 1 page)

**Note:** Added the words “bedding material” to the measurement and payment section for item Nos. 8005-8012.

**DELETE/REMOVE:**

**From the Special Provisions;**     **Page 64**

**INSERT:**

**Incorporate into the Special Provisions;**     **Page 64R** (consisting of 1 page)

**Note:** Added the words “making the sewer line tap” to the measurement and payment section for item No. 8016.

**INSERT:**

**Incorporate the following into Item No. 8021 ELECTRICAL HANDHOLE into the Special Provisions;**

The electrical Contractor shall provide a minimum size of 30” wide by 60” long for all telecom handholes and site junction boxes/pull boxes. Provide tier-8 for in-soil applications and tier- 22 for in pavement applications. Provide 24” deep open bottom and provide extension as required for a complete application. Provide 2-piece cover with 2 bolts. Provide logo on cover marked “Telecom”. Provide Hubbell Quazite series fiberglass reinforced polymer (FRP) concrete straight wall underground enclosure or approved.

**INSERT:**

**Incorporate the following into Item No. 8022 EXTERIOR JUNCTION BOX into the Special Provisions;**

The electrical Contractor shall provide a minimum size of 24” wide by 24” precast concrete manhole, set on a 12-inch bed of compacted crushed stone. Provide solid lid, Quazite #PG2424DA24 with PG2424HGOOE cover with PG2424EA12 extension or equal.

**ADDENDUM NO. 1**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER,  
PHASE-1 SITE DEVELOPMENT**

**County Contract No. MS-TC-266-28**

**ITEM 1.04 CHANGES/REVISIONS TO THE SPECIAL PROVISIONS AS NOTED (cont'd):**

**ADD:**

Incorporate Item Nos. **8026-REMOVAL OF EXISTING WATER METER, 8027- 25-FOOT SQUARE STEEL LIGHT POLE, 8028-TYPE-S1 150 WATT LED PARKING AREA LIGHT AND 8029 TYPE-S2 150 WATT LED PARKING AREA LIGHT** into the Special Provisions;

**DELETE/REMOVE:**

From the Bid Document;

Item No. 6006 CHAIN LINK FENCE

**ITEM 1.05 CHANGES /REVISIONS TO THE BID FORMS**

**(Attachment E)** (consisting of **29** Total Pages)

Incorporate the following into the Bid Document;

**DELETE/REMOVE:**

From the Bid Document;

The entire Bid Form section from the Bid Document

**INSERT:**

Incorporate into the Bid Document; The entire Revised Bid Forms (consisting of 29 pages)

**NOTES:** Deleted line item No. 6006 from the schedule of prices

Added line item Nos. 3034, 3035, 3036, 8026, 8027, 8028 and 8029 to the schedule of prices

**ITEM 1.06 CHANGES /REVISIONS TO THE BID PACKET**

**(Attachment F)** (consisting of **29** Total Pages)

Incorporate the following into the Bid Document;

**DELETE/REMOVE:**

From the Bid Document;

The entire Bid Packet.

**INSERT:**

Incorporate into the Bid Document; The entire Revised Bid Packet (consisting of 29 pages)

## ADDENDUM NO. 1

### WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER, PHASE-1 SITE DEVELOPMENT

#### County Contract No. MS-TC-266-28

**NOTES:** Deleted line item No. 6006 from the schedule of prices  
Added line item Nos. 3034, 3035, 3036, 8026, 8027, 8028 and 8029 to the schedule of prices

**NOTICE:** THE REVISED BID PACKET FORMS PROVIDED WITH THIS ADDENDUM MUST BE COMPLETED AND SUBMITTED WITH YOUR BID.

**ITEM 1.07** **CHANGES/REVISIONS TO THE CONSTRUCTION DRAWINGS AS NOTED:**

(**Attachment G**) (consisting of **1** Total Page)

**Incorporate the following into the Bid Document;**

**DELETE/REMOVE:**

**From the Contract Drawings**

**Drawing No. "E0.5"**

**INSERT:**

**Incorporate into the Contract Drawings;**

**Revised Drawing No. "E0.5"  
(consisting of 1 page)**

**ITEM 1.08** **ADDITION TO THE PROJECT DETAIL SECTION:**

(**Attachment H**) (consisting of **1** Total Page)

**Incorporate the following into the Bid Document;**

**ADD:**

**Incorporate into the Contract Drawings;**

**Nyloplast Drain Basin Detail with  
Solid Cover**

**Attachments:**

1. Pre-Bid Conference Meeting Minutes – (**Attachment A**) (consisting of **5** pages)
2. Pre-Bid Conference Sign-In Sheet – (**Attachment B**) (consisting of **1** pages)
3. Pre-Bid Questions and Responses – (**Attachment C**) (consisting of **2** pages)
4. Revisions to the Special Provisions – (**Attachment D**) (consisting of **8** pages)
5. Revisions to the Bid Forms – (**Attachment E**) (consisting of **29** pages)
6. Revisions to the Bid Packet – (**Attachment F**) (consisting of **29** pages)
7. Revisions to the Constructions Drawings – (**Attachment G**) (consisting of **1** page)
8. Drain basin detail – (**Attachment H**) (consisting of **1** page)

***END OF ADDENDUM NO. 1***



DIVISION OF  
ENGINEERING & CONSTRUCTION MANAGEMENT  
PLAN REVIEW | PERMITTING | ENGINEERING | CONSTRUCTION

**ATTACHMENT -A**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER**  
**PHASE-1 SITE DEVELOPMENT**

County Contract No.: MS-TC-266-28; Project No. 28-266  
Wednesday, August 21, 2019 at 10:00 A.M.

**PRE-BID CONFERENCE MINUTES**

**Attendees:**

Brennan Garrett	Washington Co. Division of Engineering	240-313-2474
Scott Hobbs	Washington Co. Division of Engineering	240-313-2407
Pam Mohn	Washington Co. Division of Engineering	240-313-2449
Bryan Barnes	Myers Building Systems	301-582-4200
Scott Shank	C. William Hetzer	301-733-7300
Fred Green Sr.	Pleasant Construction	301-428-0800
Jimmy Rowland	Outdoor Contractors	301-582-4999
Jody Bell	C.J. Miller, LLC	410-239-8006
Joshua Morey	C.J. Miller, LLC	410-239-8006
Michael Aretz	Kibler Construction	410-833-5345
Tracy Scaldaferrri	Ultra Utilities Construction	240-651-1560
Charles Mitchell	Ultra Utilities Construction	240-651-1560

A Pre-Bid Conference for the Washington County Public Safety Training Center, Phase-1 Site Development project was held at the Washington County Annex Building, located at 80 West Baltimore Street in Hagerstown, Maryland at the date and time specified for purposes of providing an overview of the project, and to answer Contractors' questions. Those in attendance for the meeting are named above. Comments from the meeting are as follows:

**PRE-BID COMMENTS:**

**PB-1** Introductions and sign in sheet

**PB-2** **Project Team:** Project team members were identified as follows:  
Brennan Garrett – Project Manager, Division of Engineering  
Pam Mohn, P.E. – Chief of Design, Division of Engineering  
Scott Hobbs P.E. – Director, Division of Engineering

**PB-3** **Bid Documents:** Bid documents may be obtained from the Washington County Website by clicking on the Divisions and Departments/Engineering section and then on the

80 West Baltimore Street | Hagerstown, MD 21740-6003 | P: 240.313.2460 | TDD: 711

ITB/RFP/RFQ section. Bid documents may then be downloaded after completing the registration form.

- PB-4**      **Bid Submission Date:** Bids will be received, and time stamped in the Division of Engineering, County Administrative Annex, 80 West Baltimore Street, Hagerstown, MD until 2:00 P.M., Wednesday, September 11, 2019, after which time they will be publicly opened in a conference room of the County Administrative Annex. Bids received after this time will be returned unopened.
- PB-5**      **Bid Questions:** All questions shall be submitted to the County in writing, addressed to the Division of Engineering, County Administrative Annex, 80 West Baltimore Street, Hagerstown, MD 21740, and to be given consideration must be received no later than 4:30 P.M. Wednesday, September 4, 2019. Please note that no interpretations of the meaning of the Plans, Specifications, or other pre-bid documents will be made to any Bidder orally. Faxed and email inquiries are acceptable, if received by the date and time for the deadline for questions. **Fax 240-313-2401, email [ecbidquestions@washco-md.net](mailto:ecbidquestions@washco-md.net).**
- PB-6**      **Engineer's Construction Cost Estimate:** In accordance with Maryland SHA Specification Section TC-2.01, the project is classified as a **Cost Group Letter Class "D," \$1,000,001 to \$2,500,000.**
- PB-7**      **Calendar Day Contract:** The successful bidder will be required to commence work within ten calendar days of receipt of written Notice to Proceed and to fully complete the project within 180 calendar days.
- PB-8**      **Liquidated Damages:** Liquidated Damages are assessed in the amount of \$500.00 for each consecutive calendar day worked beyond the proposed completion date.
- PB-9**      **Bid Designation:** The envelopes containing the sealed bids must be marked accordingly with the name of the contractor, contract name and contract number. Bidders should notify front desk that they are dropping bid off so it can be stamped in with bids to be opened publicly.
- PB-10**     **Bid Forms:** Bids shall be submitted on the forms found in the downloaded ***Bid Packet file***. Bidders may not substitute forms; use of other forms may render bids non-responsive.
- PB-11**     **Bid Security:** A bid security must accompany the bid. Amount of the **bid security shall equal 5% of the total bid price**, payable to the Board of County Commissioners in the form of a bid bond, cashiers check, certified check or a bank treasurer's check.



**PB-12**            **Contract Award:** The total base bid will be used as a basis for evaluation of the bids and award of the contract. If an award of the contract is made, it will be made to the lowest, responsive, responsible bidder.

**PB-13**            **Project Location:** The project site is located on the west side of Sharpsburg Pike just south of the Westfields development and just north of where Roxbury Road intersects Sharpsburg Pike. Google maps was used with an address of 9238 Sharpsburg Pike to provide a visual of the project site for those in attendance. The future address for this property will be 18350 Public Safety Place.

**PB-14**            **Project Description:**

- The project involves site grading, utilities, paving and generally shall consist of installation of a new entrance road, including improvements to create a deceleration lane and increased shoulder width on the south side of the proposed entrance. Removal and relocation of existing culvert pipes along with road repair per SHA requirements including grading changes along Sharpsburg Pike. Base asphalt layer shall be installed for roadways and parking lots under this contract. Final top coat (surface) will be provided under separate contract except for work immediately adjacent to Sharpsburg Pike which shall have the final top coat (surface) installed under this contract. Concrete curb, gutter and sidewalks shall be provided as indicated on the civil drawings except for curb, gutter and sidewalks located directly adjacent to the proposed building as indicated in the Project Detail section of the Bid Document. This drawing was shared on the monitor with the group and it was recommended that when printing, to print the document in color.
- Grading and removal of trees and associated roots shall be performed per the drawings and specification for the installation of all roadways, parking lots, building pads (including the area labeled as alternate GC-1), utilities, and all stormwater management micro-bioretenion facilities. Roof drain PVC piping shall be installed under a separate building contract. Parking lot lights, poles, foundations and all associated underground electrical conduit required for providing power to the light poles shall be installed under this contract and shall be extended to within 5-feet of the future building foundation.
- Water and sewer lines shall be installed with all related appurtenances including but not limited to the water meter vault, manholes, fire hydrants and reducers. Both water and sewer lines shall be installed and inspected to within 5-feet of the proposed building foundation or as indicated on the plans. This work shall also include removal of the existing on-site water meter and all associated piping and devices back to the main as directed by the City of Hagerstown. It is understood that the contractor is responsible for providing and installing the water meter vault and for all trenching work. The City of Hagerstown is responsible for actually making the tap into the

water main and for installing the water meter in the vault. The contractor shall core drill the water meter vault as directed by the City of Hagerstown. The sewer line tap shall be responsibility of the contractor and shall be made under the supervision of the Washington County Department of Water Quality.

- Underground conduits shall be installed per the drawings and specification to provide power to the building transformer, three-phase load break and site signage. The three-phase load break shall be picked-up from Potomac Edison and installed by the contractor. Underground conduits for fiber, cable, and telephone lines shall also be installed and extended to within 5-feet of the proposed building foundation. The electrical transformer equipment pad along with the secondary feeder conduits leading from the transformer to the building shall be provided under separate contract. Please note that the County will be responsible for coordinating the installation and relocation of power poles with Potomac Edison.
- Installation of conduit for the propane line including required trenching shall be installed as shown on the plans and shall extend from the mechanical room to the middle of the proposed propane tank foundation pad location. Propane tank foundation pad and privacy fencing shall be provided under separate contract.
- All work on this project shall be done in accordance with the requirements of the Maryland Department of Transportation, State Highway Administration “Standard Specifications for Construction and Materials” dated 2019, as amended to the date of advertisement for this proposal; revisions thereof, or additions thereto, and the Special Provisions included in this Invitation for Bids.

### **Questions and Responses:**

1. What is the actual address for this location? **The address during the course of design has been 9238 Sharpsburg Pike; however, the new address for the property will be 18350 Public Safety Place.**
2. Tell us about the master plan for the project, are we going to do the site and then another contractor will do the building? **Yes, the first phase of the project is site development consisting of site grading, building pad preparation, road installation, storm drain system including micro-bioretenion facilities, parking lots and utility installation. The second phase of the project will be actual construction of the training center building. The successful bidder of Phase-2 would then continue with the project from where Phase-1 Site Development left off. The second phase is currently planned to be advertised for construction in the beginning of 2020.**

**Future development of the remaining portions of the 49 Acre site are Master Planned to consist of a tactical village, indoor shooting range and vehicle maneuvering area. These improvements are not yet included in the Capital Improvement Plan.**

3. **What is the last day for questions?** All questions shall be submitted in writing no later than 4:30 P.M., Wednesday, September 4, 2019.

**Closing Comments:**

- PB-15** It was noted that the site is open for contractors to visit and that when visiting the site, contractors need to take care not to disturb the farmers crops.
- PB-16** Please note that the County has coordinated with the City of Hagerstown and with the State Highway Administration Access Permit and that the scope of work is included in the contract documents.
- PB-17** All present were thanked for their attendance. The meeting was adjourned at 10:22 am.

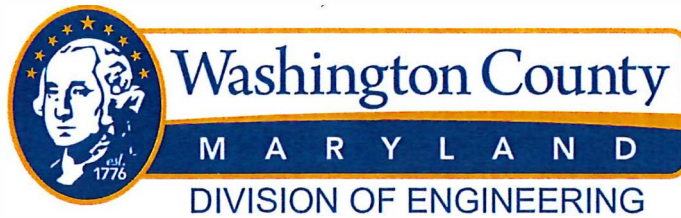
Sincerely,



Brennan Garrett  
Senior Architectural Project Manger  
Division of Engineering

Enclosures as Noted:  
Attachment No. 1 – Sign in Sheet – 1 Page

cc: All attendees  
Project File



Public Safety Training Center  
 Phase 1 – Site Development  
 August 21, 2019 – 10 AM  
 Sign-In Sheet

Name/Title	Company	Phone Number	Email Address
BRYAN BARNES	MYERS BLDG	301 582 4200	bbarnes@myersbuilding systems.com
Scott Shank	C William Hetzer	301 733-7300	JHietter@CWilliamHetzer.com
Fred Green Sr	PLEASANT CONST.	301-428-0800	ESTIMATING@PLEASANTS.ORG
Jimmy Rowland	Outdoor Contractors	301-592-4999	Jim@outdoorcontractors.com
Jody Bell Estimator	CJ Miller, LLC	410-239-8006 x. 243	jbell@cjmillerllc.com
Joshua Moray Estimator	CJ Miller LLC	410-239-8006 x. 262	Jmoray@cjmillerllc.com
MICHAEL ARETZ/ ESTIMATOR	KIBLER CONST.	(410) 833-5345	MARETZ@KIBLERCONSTRUCTION.COM
Fray Scaldarri Estimator	Ultra Utilities Construction	240-651-1560	tsultra@comcast.net
Charles Mitkell	Ultra Utilities Construction	240-651-1560	cwmultra@comcast.net
Scott Hobbs	Washington County Engineering	240-313-2407	shobbs@washco-md.net
Pam Mohn	Washington Co. Engineering	240.313.2449	pmohn@washco-md.net
BREWAN GARRETT	Washington Co. Engineering	240-313-2474	bgarrett@washco-md.net



**Attachment C**  
**WASHINGTON COUNTY**  
**PUBLIC SAFETY TRAINING CENTER**  
**CONTRACT NO. MS-TC-266-28**

**Bid Questions/Response received via fax/email by the 16:30 Hrs. 9/4/2019 Deadline.**

- **Questions received from Construct Connect**

1. **Is there a budget amount available to the public?**

Response 1.

The project classification is Cost Group Letter Class “D,” \$1,000,001 to \$2,500,000.

2. **Are there any union/labor requirements?**

Response 2.

There are not any union/labor requirements for this project.

3. **Is there a start date set for work to begin?**

Response 3.

Estimated project start date is around the middle to the end of October, 2019.

- **Questions received from EJ**

4. **Does this project have any “Buy American” or “American Steel Act” requirements?**

Response 4.

This project does not have any “Buy American” or “American Steel Act” requirements.

- **Questions received from Ultra Utilities Construction, LLC.**

5. **There are roads, roadways, parking and building areas. Under these areas, specs usually call for encased duct bank. How many LF of encased duct will be needed, or can it all be direct buried?**

Response 5.

Encased duct bank will not be required on this project.

**6. Concrete light pole bases are to be installed. What are the proposed pole heights?**

Response 6.

The proposed future light pole height is 25-feet as shown on the contract drawings. Please note that installation of the light poles, lamps and luminaires have been added to the project per this Addendum item Nos. 8027, 8028, 8029.

**7. We see the Potomac Edison WO# on the plans. Who is the contact at Potomac Edison for this project and what is their contact information?**

Response 7.

The Potomac Edison contact person for this project is Brian Dietrich. He can be reached by phone at 301-582-5222 or by email at [bdietri@firstenergycorp.com](mailto:bdietri@firstenergycorp.com).

**8. We would like to know the approximate construction schedule for the following line items-8004, 8005, 8006, 8007, 8008, 8009, 8010, 8011, 8012.**

Response 8.

The construction schedule for these items will be determined by the General Contractor.

**9. I assume the conduits will be installed prior to the concrete/asphalt roadways being completed?**

Response 9.

Yes, all utility conduits and underground piping will need to be installed prior to the completion of roadways and parking lots.

**10. Is the conduit footage listed measured to include the number of conduit PVC lines running through it?**

Response 10.

The conduit footage listed reflects the length of the trench. As stated in the specification under measurement and payment, all lengths of conduit within the same trench will be measured once and shall include all excavation, backfill, encasement concrete, hot mix asphalt, paint, pull ropes, sweep elbows, caps, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

• **Questions received from Kinsley Construction**

**11. In reading through the contract documents blasting is not permitted on this site for unclassified Excavation, what would be the acceptable means and methods?**

Response 11.

Blasting is not permitted due to the close proximity of the Westfields development and due to the propane gas tank farm located adjacent to the north property line. Means and methods are the responsibility of the contractor.

**END OF QUESTIONS**

## SPECIAL PROVISIONS

CONTRACT NO. MS-TC-266-28

- .4 **MEASUREMENT AND PAYMENT:** Adhere to Section 302.04 of the MSHA Standard Specifications.

**3021 CONTINGENT: FLOWABLE BACKFILL**

- .1 **DESCRIPTION:** Adhere to Section 314.01 of the MDOT SHA Standard Specifications.

**.2 MATERIALS:**

**DELETE:** Section 314.02 of the MDOT SHA Standard Specifications in its entirety.

**INSERT:** The following:

Controlled Low Strength Material 902.16

- .3 **CONSTRUCTION:** Adhere to Section 314.03 of the MDOT SHA Standard Specifications.

- .4 **MEASUREMENT AND PAYMENT:** Adhere to Section 314.04 of the MDOT SHA Standard Specifications.

**3022 SWM – MICRO-BIORETENTION - NYLOPLAST INLETS****3023 SWM – MICRO-BIORETENTION – 30 MIL PVC LINER****3024 SWM – MICRO-BIORETENTION – 4 INCH PVC PERFORATED PIPE****3025 SWM – MICRO-BIORETENTION – 4 INCH PVC CLEANOUT WITH WATERTIGHT SCREW LID****3026 SWM – MICRO-BIORETENTION – MULCH****3027 SWM – MICRO-BIORETENTION – SOIL MIX****3028 SWM – MICRO-BIORETENTION – NO. 8 STONE****3029 SWM – MICRO-BIORETENTION – NO. 2 STONE**

- .1 **DESCRIPTION:** This work shall consist of construction of ten (10) Micro-Biorettention facilities in accordance with the plan and details as shown on the contract drawings.

**.2 MATERIALS:**

Bioretention Soil Mix (BSM)	920.01.05
Geotextile, Class PE, Type III	921.09
PVC Pipe, Schedule 40	D1785
30 mil U/V Resistant Polyethylene	ASTM D4397
Coarse Sand	920.01.05(a)(1)
No. 2 Aggregate	M-43, No.2
No. 8 Aggregate	901.01
Concrete	902.10
Topsoil	920.01.01 and 920.01.02

**SPECIAL PROVISIONS**

**CONTRACT NO. MS-TC-266-28**

Fertilizer	920.03.01
Shredded Hardwood Bark (SHB) Mulch	920.04.03
Soil Stabilization Matting (SSM)	920.05
Seed and Turfgrass Sod	920.06

**.3 CONSTRUCTION:** Excavate bioretention facility to the specified length, width, and depth. Cut side slopes as steep as soil conditions will allow. When grading and paving operations have been completed and vegetation has been established to the satisfaction of the Engineer, install 30 mil polyethylene liner, refill excavated area with the materials in accordance with Contract details.

**.4 MEASUREMENT AND PAYMENT:** Bioretention Facilities will be measured and paid for at the Contract unit price per specific item as follows:

3023	PVC Liner	Square Yard
3024	4 Inch PVC Perf Pipe	Linear Foot.
3025	4 Inch PVC Cleanout with Watertight Lid	Linear Foot
3026	Mulch	SY, 3 Inch Depth
3027	Soil Mix	CY
3028	No. 8 Stone	CY
3029	No. 2 Stone	CY

The payment will include all excavation, sheeting and shoring, 30 mil polyethylene liner, 4 inch perforated PVC underdrain pipe, 6 inch PVC pipe cleanout and cap, 6 inch circular underdrain outlet pipe, geotextile, stone, bioretention soil mix, aggregates and all testing, material, labor, equipment, tools, and incidentals necessary to complete the work. Precast curb opening inlet, riprap erosion control and plantings will be paid separately using items listed elsewhere in this document. Any other materials required but not listed by item number are to be considered incidental to the work.

**3030 CONTINGENT: MISCELLANEOUS - CONCRETE MIX NO. 2**

**.1 DESCRIPTION:** Adhere to Section 305.01 of the MDOT SHA Standard Specifications.

**.2 MATERIALS:** Adhere to Section 305.02 of the MDOT SHA Standard Specifications.

**.3 CONSTRUCTION:** Adhere to Section 305.03 of the MDOT SHA Standard Specifications.

**.4 MEASUREMENT AND PAYMENT:** Adhere to Section 305.04 of the MDOT SHA Standard Specifications.



Specifications.

**3033 NO. 57 GRAVEL DIAPHRAM**

- .1 DESCRIPTION:** Install No. 57 gravel diaphragm to the widths and depths shown on the Contract Documents.
- .2 MATERIALS:** No. 57 Aggregate Section 901.01 of the MSHA Standard Specifications.
- .3 CONSTRUCTION:** Install after the asphalt is placed.
- .4 MEASUREMENT AND PAYMENT:** Gravel diaphragm will be measured at the Contract Unit Price per cubic yard. The payment will be full compensation for all labor, equipment, excavation, removal and disposal of excavation, backfill and compaction, and any incidentals necessary to complete the work.

**3034 15 INCH STANDARD CORRUGATED METAL END SECTION**

- .1 DESCRIPTION:** Adhere to Section 305.01 of the MDOT SHA Standard Specifications.
- .2 MATERIALS:** Adhere to Section 305.02 of the MDOT SHA Standard Specifications.
- .3 CONSTRUCTION:** Adhere to Section 305.03 of the MDOT SHA Standard Specifications.
- .4 MEASUREMENT AND PAYMENT:** Adhere to Section 305.04.02 of the MDOT SHA Standard Specifications.

**3035 24-INCH NYLOPLAST DRAIN BASINS WITH SOLID TOP**

- .1 DESCRIPTION:** Adhere to Section 305.01 of the MDOT SHA Standard Specifications.
- .2 MATERIALS:** Adhere to Section 305.02 of the MDOT SHA Standard Specifications.
- .3 CONSTRUCTION:** Adhere to Section 305.03 of the MDOT SHA Standard Specifications.
- .4 MEASUREMENT AND PAYMENT:** Adhere to Section 305.04.02 of the MDOT SHA Standard Specifications.

**3036 SWM-10 MICRO BIO-RETENTION CLAY CORE**

- .1 **DESCRIPTION:** Excavate for clay core to the specified length, width, and depth shown on the plans.
  
- .2 **MATERIALS:** The fill material shall be taken from approved designated borrow areas. It shall be free of roots, stumps, wood, rubbish, stones greater than 6-inches, frozen or other objectionable material. Fill material for the center of the embankment shall conform to the Unified Soil Classification GC, SC, CH or CL and must have at least 30% passing the #200 sieve. Consideration may be given to the use of other materials in the embankment if designed by a geotechnical engineer. Such special designs must have construction supervised by a geotechnical engineer. Materials used in the outer shell of the embankment must have the capability to support vegetation of the quality required to prevent erosion of the embankment.
  
- .3 **CONSTRUCTION: The movement of the** hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of heavy equipment or compaction shall be achieved by a minimum of four complete passes of a sheepsfoot, rubber tired or vibratory roller. Fill material shall contain sufficient moisture so that if formed into a ball it will not crumble, yet not be so wet that water can be squeezed out. When required by the reviewing agency the minimum required density shall not be less than 95% of the maximum dry density with a moisture content within  $\pm 2\%$  of the optimum. Each layer of fill shall be compacted as necessary to obtain that density, and is to be certified by the engineer at the time of construction. All compaction is to be determined by AASHTO Method T-99 (Standard Proctor). The core shall be parallel to the center line of the embankment as shown on the plans. The top width of the core shall be a minimum of 4-feet. The height shall extend up to at least the 10-year water elevation or as shown on the plans. The side slopes shall be 1 to 1 or flatter, the core shall be placed concurrently with the outer shell of the embankment.
  
- .4 **MEASUREMENT AND PAYMENT:** The clay core will be measured at the Contract Unit Price per cubic yard. The payment will be full compensation for all labor, equipment, excavation, removal and disposal of excavation, backfill and compaction, and any incidentals necessary to complete the work.

**8004 CONCRETE FOR LIGHT POLE FOUNDATIONS**

- .1 **DESCRIPTION.** Adhere to Section 801.01 of the MSHA Standard Specifications
- .2 **MATERIALS.** Adhere to Section 801.02 of the MSHA Standard Specifications
- .3 **CONSTRUCTION.** Adhere to Section 801.03 of the MSHA Standard Specifications
- .4 **MEASUREMENT AND PAYMENT.** Adhere to Section 801.04 of the MSHA Standard Specifications.

- 8005 (1) 3 INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8006 (1) 3/4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8007 (2) 1-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8008 (2) 2-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8009 (6) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8010 (4) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8011 (2) 5-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**
- 8012 (3) 5-INCH SCHEDULE 40 PVC CONDUIT TRENCHED**

- .1 **DESCRIPTION:** Adhere to Section 805.01 of the MSHA Standard Specifications.
- .2 **MATERIALS:** Adhere to Section 805.02 of the MSHA Standard Specifications.
- .3 **CONSTRUCTION:** Adhere to Section 805.03 of the MSHA Standard Specifications.  
**ADD:** Changes in direction shall be made with sweep diameters approved by the utility.
- .4 **MEASUREMENT AND PAYMENT:** Schedule 40 PVC conduit will be measured and paid for at the Contract Unit price per linear feet of trench. All lengths of conduit within the same trench will be measured once and shall include all excavation, backfill, encasement, bedding material, concrete, hot mix asphalt, paint, pull ropes, sweep elbows, caps, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

**8015 6- INCH DIP WATER LINE**

- .1 **DESCRIPTION:** Adhere to Section 2 of the City of Hagerstown Water and Waste Water Standards and Specifications for tying into an existing waterline as shown on the Contract Documents.
- .2 **MATERIALS:** Adhere to Section 2 of the City of Hagerstown Water and Waste Water Standards and Specifications. Contractor is responsible for obtaining all permits to the City of Hagerstown Water and Waste Water Department.
- .3 **CONSTRUCTION:** Adhere to Section 2 of the City of Hagerstown Water and Waste Water Standards and Specifications.
- .4 **MEASUREMENT AND PAYMENT:** Payment for furnishing and placing water lines complete, will be made at the Contract Unit Price per linear foot. No payment will be made under this item for utility lines for which payment is provided under other items in the Proposal Price and payment shall constitute full compensation for furnishing and placing all pipe and fittings, together with appurtenances including but not limited to reducers, valves, bends, jointing material, concrete anchors and buttresses, tie rods and clamps, removal of existing concrete and/or asphalt, all plugging or capping existing pipe, all excavation and refill operations, providing an approved spoil site and disposing of all spoil or excess material, trench bedding and backfill as per Contract Details, temporary paving with cold stone patch materials, including removing and disposing of cold patch material together with surplus stone material, sawcut paving and apply temporary paving over disturbed pavement areas; maintenance and repair of trench backfill during warranty period after final acceptance; all environmental, sediment and erosion control work including off site requirements; restoration of all disturbed areas, and all other work necessary for making connections to existing water mains; the sterilization and testing of water lines; and for all other labor, equipment, tools, and incidentals to satisfactorily complete the work.

**8016 8- INCH SDR26 SEWER LINE**

- .1 **DESCRIPTION:** Adhere to Washington County Division of Environmental Management, Department of Water Quality, Standard Specifications for Construction of Sanitary Sewage and Water Facilities Standards ([www.washco-md.net/wp-content/uploads/2018/11/dem-dwq-StdSpec.pdf](http://www.washco-md.net/wp-content/uploads/2018/11/dem-dwq-StdSpec.pdf))
- .2 **MATERIALS:** Adhere to the Standards Specifications.
- .3 **CONSTRUCTION:** Adhere to the Standard Specifications.
- .4 **MEASUREMENT AND PAYMENT:** Payment for furnishing and placing waste water lines, complete, will be measured and paid at the Contract Unit Price per linear foot. Coring the existing manhole, standpipe termination and making the sewer line tap will be incidental to this line item. The payment will be full compensation for all other labor, equipment, tools, and incidentals to satisfactorily complete the work. This includes, but is

SHA Standard Specifications.

**8026 REMOVAL OF EXISTING WATER METER**

- .1 **DESCRIPTION:** This work shall consist of complete removal of the existing water meter and all associated piping and devices back to the main.
- .2 **MATERIALS:** Not applicable
- .3 **CONSTRUCTION:** Water meter and all associated valves, piping and devices shall be removed in accordance with the utility and as directed by the engineer.
- .4 **MEASUREMENT AND PAYMENT:** Payment will be full compensation for all excavation, construction, materials, labor, equipment, tools, and incidentals necessary to complete the work.

**8027 25- FOOT SQUARE STEEL LIGHT POLE**

- .1 **DESCRIPTION:** This work shall consist of furnishing and installing a 25 foot square steel light pole as specified in the contract drawings. All lighting shall be directed so as to avoid glare and light trespass on adjacent properties and roads.
- .2 **MATERIALS:**  
As shown in the Contract Drawings.  
Basis of Design or equal- Pole: PS4-07-25D2  
Powder Coat, Bronze
- .3 **CONSTRUCTION:** Steel light poles shall be constructed and installed as shown in the Contract Drawings. When fully assembled, install each light pole so that the pole is plumb. Secure each pole to concrete foundation using manufacturer recommended base plate with galvanized anchor bolts.
- .4 **MEASUREMENT AND PAYMENT:** 25-foot square steel light pole will be measured and paid at the contract unit price per each assembled and installed light pole. Payment will be full compensation for all material, labor, equipment, tools, and incidentals necessary to complete the work.

**8028 TYPE-S1 150 WATT LED PARKING AREA LIGHT**

- .1 **DESCRIPTION:** This work shall consist of furnishing and installing by the Contractor, 150 WATT WHITE LED single arrangement lamp and luminaire, pole mounted and as specified in the Contract Documents or as directed by the Engineer.
- .2 **MATERIALS:**

As shown on the Contract Drawings.  
Bronze finish to match light pole finish  
Basis of Design or equal – RAB#ALED3T150-Y-B

**.3 CONSTRUCTION:** ALED luminaires shall be a complete lighting device consisting of a die-cast aluminum housing, lens frame and mounting arm, LED arrays, LED drivers, terminal blocks, associated hardware, all necessary wiring. All components of the LED Luminaires must be rated for full-service life without maintenance. All components of the LED Luminaires shall be UL approved.

**.4 MEASUREMENT AND PAYMENT:** Type-S1 150 Watt White LED lamp and luminaire will be measured and paid at the contract unit price per each. Payment will be full compensation for LED Luminaire and drivers, mounting hardware, wiring, step down transformer, shorting cap and all material, labor, equipment, tools, and incidentals necessary to complete the work.

**8029 TYPE-S2 150 WATT LED PARKING AREA LIGHT**

**.1 DESCRIPTION:** This work shall consist of furnishing and installing by the Contractor, 150 WATT WHITE LED double arrangement lamp and luminaire at 180 degrees, pole mounted and as specified in the Contract Documents or as directed by the Engineer.

**.2 MATERIALS:**  
As shown on the Contract Drawings.  
Bronze finish to match light pole finish  
Basis of Design or equal – RAB#ALED3T150-Y-B-2 @180

**.3 CONSTRUCTION:** ALED luminaires shall be a complete lighting device consisting of a die-cast aluminum housing, lens frame and mounting arm, LED arrays, LED drivers, terminal blocks, associated hardware, all necessary wiring. All components of the LED Luminaires must be rated for full-service life without maintenance. All components of the LED Luminaires shall be UL approved.

**.4 MEASUREMENT AND PAYMENT:** Type-S2 150 Watt White LED lamp and luminaire will be measured and paid at the contract unit price per each. Payment will be full compensation for LED Luminaire and drivers, mounting hardware, wiring, step down transformer, shorting cap and all material, labor, equipment, tools, and incidentals necessary to complete the work.

# Attachment E

**BID FORMS**

**COUNTY CONTRACT NO. MS-TC-266-28**

**BID FORMS**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER**  
**PHASE-1 SITE DEVELOPMENT**

**COUNTY CONTRACT NO. MS-TC-266-28**

## TABLE OF CONTENTS

	Page Numbers
Proposal Form.....	BF-2
Bid Affidavit.....	BF-3-5
Certification of Work Capacity.....	BF-6
Sub-Contractor Listing.....	BF-7
Proposal Guaranty.....	BF-8-9
Bid Letter .....	BF-10
Bid Bond .....	BF-11
Summary Schedule of Prices .....	BF-12
Schedule of Prices.....	BF-13

BF-1

**PROPOSAL FORM**

**WASHINGTON COUNTY  
PUBLIC SAFETY TRAINING CENTER  
PHASE-1 SITE DEVELOPMENT**

**COUNTY CONTRACT NO. MS-TC-266-28**

**THE BOARD OF COUNTY COMMISSIONERS  
WASHINGTON COUNTY  
HAGERSTOWN, MARYLAND**

Proposal of

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Address)

to furnish and deliver all materials and to do and perform all work in accordance with Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents relating to the **WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER PHASE-1 SITE DEVELOPMENT** in Washington County, State of Maryland, on which proposals will be received until **2:00 P.M., Wednesday, SEPTEMBER 11, 2019.**

TO: The Board of County Commissioners of  
Washington County, Maryland  
100 W. Washington Street  
Hagerstown, MD 21740

Gentlemen:

Having carefully examined the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents for the work herein before named, and in conformity with the Specifications, I/We hereby certify that I/We am/are the only person or persons interested in this proposal as principal(s), that it is made without collusion with any person, firm or corporation; that an examination has been made of the Plans, Specifications, General Conditions, Bid Documents and Contract Documents, including the Special Provisions contained herein, and of the site of the work, and propose to furnish all necessary machinery, plant, equipment, tools, labor and other means of construction, and furnish all materials specified, in the manner and at the time prescribed, and perform all work for the sum of

\_\_\_\_\_  
(Written Words)

\_\_\_\_\_  
(Figures)



**BID AFFIDAVIT**

1. Authorized Representative:

I HEREBY DECLARE AND AFFIRM that I am \_\_\_\_\_  
(Title)

and duly authorized representative of firm of \_\_\_\_\_ whose  
address is \_\_\_\_\_ and that I am  
duly authorized on behalf of said firm to make this Affidavit.

2. Bribery:

I FURTHER DECLARE AND AFFIRM that neither I, nor, to the best of my knowledge,  
information and belief, the above firm, nor any officer, director or partner of the above  
firm, nor any employee of the above firm directly involved in obtaining contracts with  
the State of Maryland, or any county or other subdivision of the State of Maryland, has  
been convicted\* of bribery, attempted bribery, or conspiracy to bribe under the laws of  
any state or the Federal Government; except as herein expressly stated (if any):

\_\_\_\_\_  
\_\_\_\_\_.

\* As used herein, the word "convicted" includes an accepted plea of nolo contendere.

3. Non Collusion:

In connection with the firm's price proposal for the above-captioned Contract, as  
submitted to Washington County, I HEREBY DECLARE AND AFFIRM, to the best of  
my knowledge, information and belief, that:

- a. Said proposal has been independently prepared without collusion by any officer,  
director, partner, employee or other representative of this firm, with any other  
proposer, or with any competitor; that

- b. No attempt has been or, hereafter, will be made by any officer, director, partner, employee or other representative of this firm to induce any other person, firm or entity to submit or not submit a proposal; that
- c. Any unit or total price in this proposal has not been knowingly disclosed and will not be knowingly disclosed prior to its official opening, directly or indirectly, to any other bidder or to any competitor; and, that
- d. I have fully informed myself regarding the accuracy of the statements contained herein.

I acknowledge that this Affidavit is to be furnished to the Secretary of the Maryland Department of Transportation and may be distributed to boards, commissions, administrations, departments and agencies of the State of Maryland, counties or other subdivisions of the State of Maryland, other States and Federal Government. I further acknowledge that this Affidavit is subject to applicable laws of the State of Maryland, both criminal and civil, and that this Affidavit is to be attached to and become a part of the Contract when and if awarded and executed.

I FURTHER HEREBY DECLARE AND AFFIRM that I and the firm I herein represent, acknowledge and agree that if any misrepresentation is herein made, the Board of County Commissioners of Washington County, Maryland in their discretion, shall have the right to reject this proposal or terminate the Contract, without liability, as the case may be.

I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THE FOREGOING DOCUMENT ARE TRUE AND CORRECT, AND THAT I AM AUTHORIZED, ON BEHALF OF THE ABOVE FIRM, TO MAKE THIS AFFIDAVIT.

By: \_\_\_\_\_  
Signed Name of Affiant

Date \_\_\_\_\_

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

For: \_\_\_\_\_  
Firm

State of \_\_\_\_\_:

County (City) of \_\_\_\_\_:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_,

before me, \_\_\_\_\_, the undersigned officer, personally appeared \_\_\_\_\_

known to me to be the person described in the foregoing Affidavit and acknowledged that he (she) executed the same in the capacity therein stated and for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

\_\_\_\_\_

SEAL Notary Public

My Commission Expires \_\_\_\_\_

**CERTIFICATION OF WORK CAPACITY**

I do solemnly declare and affirm that the firm stated below has the equipment, labor, supervision and financial capacity to perform this Contract either with our organization or with Subcontractors, as provided in GP-Section 8 of the MSHA Specifications.

We shall supply such additional information as may be required in accordance with GP-Section 3 of the MSHA Specifications.

By: \_\_\_\_\_  
Signed Name of Affiant

Date \_\_\_\_\_

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

For: \_\_\_\_\_  
Firm

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires \_\_\_\_\_



**PROPOSAL GUARANTY**

The amount and type of the proposal guarantee which shall be attached to and submitted with the bid depends upon the amount of the bid as stated below:

A Bid Security of \$500.00 will be required on Contract Proposals under \$20,000.

A Bid Security totaling 5% of the bid amount will be required on Contract Proposals of \$20,000 or over.

Acceptable security for bids shall be as follows:

1. A bond in a form satisfactory to the County underwritten by a company licensed to issue bonds in this State;
2. A bank certified check, bank cashier's check, bank treasurer's check, or cash

I/We understand that the quantities of work as shown herein are approximate only and are subject to increase or decrease, and further understand that all costs in connection with the complete performance of the work as described in the Plans, Specifications, General Conditions Special Provisions, Bid Documents and Contract Documents shall be included in the Contract price bid for the entire work to be performed under this Contract.

**IT IS FURTHER PROPOSED:**

To do all "Extra Work" which may be required to complete the work contemplated at unit prices or lump sums to be agreed upon in writing prior to starting such extra work, or, if such prices or sums cannot be agreed upon, to perform such work on a "Force Account" basis, as provided for in Section 9, GP-9.02, of the MSHA Specifications.

To begin work as specified in the "Notice to Proceed" and to prosecute said work so as to complete the Contract within **180** consecutive calendar days.

To furnish a Payment Bond, and a Labor and Material Payment Bond, in the full amount of Contract award, as security for the construction and completion of the Contract in accordance with the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents.

To guarantee all of the work performed under this Contract to be done in accordance with the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents in a good workmanlike manner and to renew or repair any work which may be rejected due to defective materials or workmanship, prior to final completion and acceptance of the work.

Enclosed herewith find certified cashier's or treasurer's check or bid bond in the amount of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) made payable to the "Board of County Commissioners of Washington County, Maryland". This certified cashier's or treasurer's check or bid bond in a Proposal Guarantee (which is understood will be forfeited in the event

the Form or Contract is not executed, if awarded to the undersigned), is based on the aggregate amount of the bid submitted.

(For execution by Individuals and Partnerships or Corporations)

**FOR INDIVIDUALS AND PARTNERSHIPS:**

Name: \_\_\_\_\_

By: \_\_\_\_\_  
(Member) (Seal)

By: \_\_\_\_\_  
(Member) (Seal)

Witness: \_\_\_\_\_

**FOR CORPORATIONS:**

Name: \_\_\_\_\_

By: \_\_\_\_\_  
(President) (Seal)

Attest: \_\_\_\_\_  
(Secretary)

The Proposal Form shall be filled out in ink. The Proposal, if submitted by an individual, shall be signed by an individual; if submitted by a partnership, shall be signed by such member or members of the partnership as have authority to bind the partnership; if submitted by a corporation the same shall be signed by an officer and attested by the Secretary or an Assistant Secretary. If not signed by an officer, as aforesaid, there must be attached a copy of that portion of the by-laws, or a copy of a Board Resolution, duly certified by the Secretary, showing the authority of the person so signing on behalf of the corporation. In lieu thereof, the corporation may file such evidence with the Board of County Commissioners of Washington County, Maryland duly certified by the Secretary, together with a list of the names of those officers having authority to execute documents on behalf of the corporation, duly certified by the Secretary, which listing shall remain in full force and effect until such time as the Board of County Commissioners of Washington County, Maryland is advised in writing to the contrary. In any case where a Proposal is signed by an Attorney-in-Fact a copy of the appointing document, duly certified must accompany the same.

**BID LETTER**

In order for a Proposal to be considered, it is necessary that the following guaranty from Surety be executed.

The \_\_\_\_\_ agrees to act as surety for \_\_\_\_\_  
(Name of Bonding Company) (Name of Bidder)

and to furnish the full amount of Proposal Guaranty as required by GP-Section 2 of the MSHA Specifications.

The aforementioned Bonding Company will also furnish the full amount of the Performance Bond and Labor and Material Payment Bond as required by GP-Section 3 of the MSHA Specifications.

The guaranty is effective for the 90 days following the bid opening date, as specified in GP-Section 3 of the MSHA Specifications, unless this time period is modified by the Special Provisions or extended by mutual agreement between the County, the Bonding Company, and the Contractor.

**WITNESS:**

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Typed Name of Surety)

\_\_\_\_\_  
(Signed Name of Surety)

\_\_\_\_\_  
(Typed Name and Title of Witness)

\_\_\_\_\_  
(Signed Name of Witness)

\_\_\_\_\_  
(Seal)

\_\_\_\_\_  
(Typed Name and Telephone Number of local agent)

NOTE 1: Signatories other than Principals must attach "Power of Attorney". Failure to execute the Contract and file acceptable Performance and Payment Bonds shall preclude awarding the Contract and require forfeiture of the Proposal Guaranty, all as detailed in GP-Section 3 of the MSHA Specifications.

NOTE 2: Failure of the Bidder to execute the Contract and file acceptable security shall be just cause for annulment of the award and the forfeiture of the proposal guaranty, which shall become property of the County as sustained liquidated damages. Award may then be made to the next lowest responsive, responsible Bidder or the work may be re-advertised. Failure to have this Bid Letter executed by Surety and submitted with Proposal will result in rejection of Bid.



**BID BOND**

A Bid Bond shall be submitted on American Institute of Architects Document A310, February 1970 Edition; to be furnished by the bidder.

**SUMMARY SCHEDULE OF PRICES**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER**  
**PHASE-1 SITE DEVELOPMENT**

Category 1000 .....	\$ _____
Category 2000 .....	\$ _____
Category 3000 .....	\$ _____
Category 5000 .....	\$ _____
Category 6000 .....	\$ _____
Category 7000 .....	\$ _____
Category 8000 .....	\$ _____
<b>PROJECT TOTAL.....</b>	<b>\$ _____</b>

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
1001		LUMP SUM	L.S.	CLEARING AND GRUBBING	_____	___	_____	___
1002		LUMP SUM	L.S.	TYPE "B" ENGINEER'S OFFICE	_____	___	_____	___
1003		LUMP SUM	L.S.	MAINTENANCE OF TRAFFIC	_____	___	_____	___
1004		150	S.F.	TEMPORARY TRAFFIC SIGNS	_____	___	_____	___
1005		300	L.F.	5 INCH WHITE TEMPORARY PAVEMENT MARKING PAINT LINES	_____	___	_____	___
1006		300	L.F.	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS – ANY WIDTH	_____	___	_____	___
1007		100	EA.	DRUMS FOR MAINTENANCE OF TRAFFIC	_____	___	_____	___
1008		500	L.F.	CONTINGENT: TEMPORARY ORANGE CONSTRUCTION FENCE	_____	___	_____	___
<b>Category <u>1000</u></b>					<b>Total This Sheet</b>		_____	___

BF-13

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
1009		25	TON	CR-6 FOR MAINTENANCE OF TRAFFIC	_____	___	_____	___
1010		LUMP SUM	L.S.	CONSTRUCTION STAKEOUT	_____	___	_____	___
1011		LUMP SUM	L.S.	MOBILIZATION	_____	___	_____	___
1012		LUMP SUM	L.S.	AS-BUILT DRAWINGS	_____	___	_____	___
1013		LUMP SUM	L.S.	CRITICAL PATH METHOD PROJECT SCHEDULE	_____	___	_____	___
1014		1	E.A.	CONSTRUCTION SITE SIGN PER DETAIL (SEE PROJECT DETAILS SECTION)	_____	___	_____	___
<b>END Category <u>1000</u></b>					<b>Total This Sheet</b>		_____	___

BF-14

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
2001		29,100	C.Y.	UNCLASSIFIED EXCAVATION	_____	___	_____	___
2002		58,500	C.Y.	COMMON BORROW – TYPE 1	_____	___	_____	___
2003		50	C.Y.	CONTINGENT: TEST PIT EXCAVATION	_____	___	_____	___
2004		2,000	C.Y.	CONTINGENT: UNSUITABLE MATERIAL EXCAVATION	_____	___	_____	___
2005		1,000	C.Y.	CONTINGENT: GEOSYNTHETIC STABILIZED SUBGRADE USING GRADED AGGREGATE BASE	_____	___	_____	___
<b>END Category <u>2000</u></b>					<b>Total This Sheet</b>		_____	___

BF-15

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3001		90	L.F.	12-INCH HDPE STORM PIPE (DUAL WALL)	_____	___	_____	___
3002		550	L.F.	15-INCH HDPE STORM PIPE (DUAL WALL)	_____	___	_____	___
3003		630	L.F.	18-INCH HDPE STORM PIPE (DUAL WALL)	_____	___	_____	___
3004		400	L.F.	44-INCH SPAN BY 27-INCH RISE (INSIDE DIMENSIONS) REINFORCED CONCRETE ARCH PIPE	_____	___	_____	___
3005		175	L.F.	15-INCH CORRUGATED METAL PIPE	_____	___	_____	___
3006		2	EA.	15-INCH CONCRETE END SECTION (ON END OF HDPE PIPE)	_____	___	_____	___
3007		2	EA.	18-INCH CONCRETE END SECTION (ON END OF HDPE PIPE)	_____	___	_____	___
3008		1	EA.	YARD INLET	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

BF-16

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3009		175	L.F.	REMOVE EXISTING STORM DRAIN PIPE, ANY SIZE	_____	—	_____	—
3010		10	TON	TEMPORARY STONE OUTLET STRUCTURE	_____	—	_____	—
3011		3,000	L.F.	SILT FENCE	_____	—	_____	—
3012		750	L.F.	DIVERSION FENCE	_____	—	_____	—
3013		10	EA.	INLET PROTECTION	_____	—	_____	—
3014		1	EA.	STABILIZED CONSTRUCTION ENTRANCE	_____	—	_____	—
3015		2,600	LF	SUPER SILT FENCE	_____	—	_____	—
3016		10	S.Y.	CONTINGENT: STONE FOR SEDIMENT CONTROL	_____	—	_____	—
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	—

BF-17

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3017		45	S.Y.	CLASS I RIPRAP OUTLET PROTECTION	_____	___	_____	___
3018		70	S.Y.	CLASS II RIPRAP OUTLET PROTECTION	_____	___	_____	___
3019		2	EA.	CAST-IN-PLACE SPECIAL CONCRETE END/HEAD WALL	_____	___	_____	___
3020		1,000	C.Y.	CONT. SELECT BACKFILL USING AASHTO NO 57 AGGREGATE				
3021		100	C.Y.	CONTINGENT: FLOWABLE BACKFILL	_____	___	_____	___
3022		10	EA.	SWM – MICRO-BIORETENTION – NYPLOPLAST INLETS	_____	___	_____	___
3023		2530	S.Y.	SWM – MICRO-BIORETENTION – 30 MIL PVC	_____	___	_____	___
3024		1200	L.F.	SWM – MICRO-BIORETENTION - 4-INCH PVC SLOTTED PIPE	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

BF-18



ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3025		22	E.A.	4-INCH PVC CLEANOUT WITH WATERTIGHT SCREW LID	_____	___	_____	___
3026		130	C.Y.	SWM – MICRO-BIORETENTION - MULCH	_____	___	_____	___
3027		1050	C.Y.	SWM – MICRO-BIORETENTION – SOIL MIX	_____	___	_____	___
3028		340	C.Y.	SWM – MICRO-BIORETENTION – NO. 8 STONE	_____	___	_____	___
3029		340	C.Y.	SWM – MICRO-BIORETENTION – NO. 2 STONE	_____	___	_____	___
3030		10	C.Y.	CONTINGENT: MISCELLANEOUS - CONCRETE MIX NO. 2	_____	___	_____	___
3031		LUMP SUM	L.S.	GEOTECHNICAL SERVICES FOR SWM AS-BUILT CERTIFICATION	_____	___	_____	___
3032		280	L.F.	UNDERDRAINS, SUBGRADE DRAINS, AND SPRING CONTROL	_____	___	_____	___
3033		65	C.Y.	NO. 57 GRAVEL DIAPHRAGM	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

BF-19

3034		12	EA.	15-INCH STANDARD CORRUGATED METAL END SECTION	_____	—	_____	—
3035		6	EA.	24-INCH NYLOPLAST DRAIN BASIN WITH SOLID TOP (SEE PROJECT DETAIL SECTION)	_____	—	_____	—
3036		510	CY	SWM-10 MICRO BIO-RETENTION CLAY CORE	_____	—	_____	—
<b>END Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	—

BF-20

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
5001		20,000	S.Y.	6 INCH GRADED AGGREGATE BASE COURSE	_____	___	_____	___
5002		200	TON	SUPERPAVE ASPHALT MIX FOR SURFACE 12.5MM (PG 64H-22)	_____	___	_____	___
5003		6,800	TON	SUPERPAVE ASPHALT MIX FOR BASE 19.0MM (PG-64S-22)	_____	___	_____	___
5004		20,000	EA	PRICE ADJUSTMENT FOR ASPHALT BINDER	1	00	20,000	00
5005		5,000	EA	PAYMENT ADJUSTMENT FOR PAVEMENT DENSITY	1	00	5,000	00
5006		5,000	EA	PAYMENT ADJUSTMENT FOR ASPHALT MIX	1	00	5,000	00
5007		260	S.Y.	0-2 INCH MILL	_____	___	_____	___
<b>Category <u>5000</u></b>					<b>Total This Sheet</b>		_____	___

BF-21

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
5008		560	L.F.	FULL DEPTH SAW CUTS	_____	—	_____	—
5009		1020	L.F.	5-INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS	_____	—	_____	—
5010		30	L.F.	24-INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	_____	—	_____	—
<b>END Category <u>5000</u></b>					<b>Total This Sheet</b>		_____	—

BF-22

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
6001		160	L.F.	STANDARD TYPE 'A' COMBINATION CURB AND GUTTER	_____	—	_____	—
6002		1330	L.F.	STANDARD TYPE 'D' COMBINATION CURB AND GUTTER	_____	—	_____	—
6003		625	L.F.	DEPRESSED CURB FOR COMBINATION CONCRETE CURB AND GUTTER	_____	—	_____	—
6004		850	S.F.	CONCRETE SIDEWALK	_____	—	_____	—
6005		40	S.F.	DETECTABLE WARNING SURFACE	_____	—	_____	—
<b>END Category <u>6000</u></b>					<b>Total This Sheet</b>		_____	—

BF-23

7001		14,500	S.Y.	PLACING SALVAGED TOPSOIL, 4-INCH DEPTH	_____	—	_____	—
7002		1,000	S.Y.	CONTINGENT: PLACING FURNISHED TOPSOIL, 4-INCH DEPTH	_____	—	_____	—
7003		6,800	S.Y.	CONTINGENT: TEMPORARY SEED AND MULCH	_____	—	_____	—
7004		6,400	S.Y.	TYPE-A SOIL STABILIZATION MATTING	_____	—	_____	—
7005		5,500	S.Y.	TURFGRASS ESTABLISHMENT	_____	—	_____	—
7006		26	EA	CORNUS SERICEA / REDOSIER DOGWOOD	_____	—	_____	—
7007		2,395	EA	ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED	_____	—	_____	—
7008		80	EA	CHASMANTHIUM LATIFOLIUM / NORTHERN SEA OATS	_____	—	_____	—
<b>Category <u>7000</u></b>					<b>Total This Sheet</b>		_____	—

BF-24

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
7009		2,340	EA	LOBELIA CARDINALS / CARDINAL FLOWER	_____	—	_____	—
7010		40	EA.	PANICUM VIRGATUM 'HEAVY METAL' / SWITCHGRASS	_____	—	_____	—
7011		10	EA.	BETULA NIGRA / RIVER BIRCH	_____	—	_____	—
7012		5	EA.	MAGNOLIA VIRINGIANA / SWEETBAY MAGNOLIA	_____	—	_____	—
7013		5	E.A.	VIBURNUM DETATUM 'BLUE MUFFIN'/ARROWWOOD	_____	—	_____	—
<b>END Category <u>7000</u></b>					<b>Total This Sheet</b>		_____	—

BF-25

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
8001		20	S.F.	SHEET ALUMINUM SIGNS	_____	___	_____	___
8002		5	EA	WOOD SIGN SUPPORTS	_____	___	_____	___
8003		1	EA	REMOVE/RELOCATE EXISTING GROUND MOUNTED SIGN	_____	___	_____	___
8004		5	C.Y.	CONCRETE FOR LIGHT POLE FOUNDATIONS	_____	___	_____	___
8005		250	L.F.	(1) 3-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (GAS LINE)	_____	___	_____	___
8006		625	L.F.	(1) ¾-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (PARKING LOT LIGHTS)	_____	___	_____	___
8007		200	L.F.	(2) 1-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (ROAD SIGN DATA)	_____	___	_____	___
8008		1080	L.F.	(2) 2-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (ROAD SIGN POWER)	_____	___	_____	___
<b>Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	___

BF-26



ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
8009		900	L.F.	(6) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (FIBER/TELEPHONE/CABLE/SPARE)	_____	___	_____	___
8010		70	L.F.	(4) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (FUTURE TACTICAL VILLAGE)	_____	___	_____	___
8011		990	L.F.	(2) 5-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (POWER LINE)	_____	___	_____	___
8012		5	L.F.	(3) 5-INCH SCHEDULE 40 PVC CONDUIT WITH CAP AND PULL STRING TRENCHED (POWER LINE EXTENSION)	_____	___	_____	___
8013		1	EA.	CONCRETE VAULT (7'W X 9'L X 7'-6" H)	_____	___	_____	___
8014		1875	L.F.	10-INCH DIP WATERLINE	_____	___	_____	___
8015		300	L.F.	6-INCH DIP WATERLINE	_____	___	_____	___
8016		875	L.F.	8-INCH SDR26 SEWER LINE	_____	___	_____	___
<b>Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	___

BF-27

8017		5	EA.	SEWER MANHOLE ADJUSTMENT	_____	—	_____	—
8018		5	EA.	STANDARD PRECAST 48-INCH SEWER MANHOLE	_____	—	_____	—
8019		4	EA	FIRE HYDRANT ASSEMBLY	_____	—	_____	—
8020		4	EA	BOLLARD PROTECTION	_____	—	_____	—
8021		7	EA	ELECTRICAL HANDHOLE	_____	—	_____	—
8022		3	EA	EXTERIOR JUNCTION BOX	_____	—	_____	—
8023		1	E.A.	THREE PHASE JUNCTION BOX	_____	—	_____	—
8024		9	E.A.	GROUND ROD-3/4 INCH DIAMETER X 10 FT LENGTH	_____	—	_____	—
8025		90	L.F.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	_____	—	_____	—
<b>Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	—

BF-28

8026		1	EA.	REMOVAL OF EXISTING WATER METER	_____	—	_____	—
8027		9	EA	25-FOOT SQUARE STEEL LIGHT POLE	_____	—	_____	—
8028		5	EA	TYPE-S1 150 WATT LED PARKING AREA LIGHT	_____	—	_____	—
8029		4	EA	TYPE-S2 150 WATT LED PARKING AREA LIGHT	_____	—	_____	—
<b>END Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	—

BF-29

# Attachment F

WASHINGTON COUNTY, MARYLAND  
DIVISION OF ENGINEERING

## BID PACKET

SEPTEMBER 2019

WASHINGTON COUNTY  
PUBLIC SAFETY TRAINING CENTER  
(PHASE-1 - SITE DEVELOPMENT)

COUNTY CONTRACT NO. MS-TC-266-28  
COUNTY PROJECT NO. 28-266

WASHINGTON COUNTY  
BOARD OF COUNTY COMMISSIONERS

Jeffrey A. Cline, President  
Terry L. Baker, Vice President  
Wayne K. Keefer  
Cort F. Meinelschmidt  
Randall E. Wagner

Robert Slocum, P.E., County Administrator

Scott Hobbs, P.E., Director, Division of Engineering

DESIGN ENGINEERS:

Crabtree, Rohrbaugh & Associates - Architect  
KCI Technologies – Civil Engineer  
ECS Mid-Atlantic, LLC – Geotechnical Engineer

SET NO.: \_\_\_\_\_

**BID FORMS**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER**  
**PHASE-1 SITE DEVELOPMENT**

**COUNTY CONTRACT NO. MS-TC-266-28**

**TABLE OF CONTENTS**

	Page Numbers
Proposal Form.....	BF-2
Bid Affidavit.....	BF-3-5
Certification of Work Capacity.....	BF-6
Sub-Contractor Listing.....	BF-7
Proposal Guaranty.....	BF-8-9
Bid Letter .....	BF-10
Bid Bond .....	BF-11
Summary Schedule of Prices .....	BF-12
Schedule of Prices.....	BF-13

PROPOSAL FORM

WASHINGTON COUNTY  
PUBLIC SAFETY TRAINING CENTER  
PHASE-1 SITE DEVELOPMENT

COUNTY CONTRACT NO. MS-TC-266-28

THE BOARD OF COUNTY COMMISSIONERS  
WASHINGTON COUNTY  
HAGERSTOWN, MARYLAND

Proposal of

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Address)

to furnish and deliver all materials and to do and perform all work in accordance with Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents relating to the **WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER PHASE-1 SITE DEVELOPMENT** in Washington County, State of Maryland, on which proposals will be received until **2:00 P.M., Wednesday, SEPTEMBER 11, 2019.**

TO: The Board of County Commissioners of  
Washington County, Maryland  
100 W. Washington Street  
Hagerstown, MD 21740

Gentlemen:

Having carefully examined the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents for the work herein before named, and in conformity with the Specifications, I/We hereby certify that I/We am/are the only person or persons interested in this proposal as principal(s), that it is made without collusion with any person, firm or corporation; that an examination has been made of the Plans, Specifications, General Conditions, Bid Documents and Contract Documents, including the Special Provisions contained herein, and of the site of the work, and propose to furnish all necessary machinery, plant, equipment, tools, labor and other means of construction, and furnish all materials specified, in the manner and at the time prescribed, and perform all work for the sum of

\_\_\_\_\_  
(Written Words)

\_\_\_\_\_  
(Figures)

**BID AFFIDAVIT**

1. Authorized Representative:

I HEREBY DECLARE AND AFFIRM that I am \_\_\_\_\_  
(Title)

and duly authorized representative of firm of \_\_\_\_\_ whose  
address is \_\_\_\_\_ and that I am  
duly authorized on behalf of said firm to make this Affidavit.

2. Bribery:

I FURTHER DECLARE AND AFFIRM that neither I, nor, to the best of my knowledge,  
information and belief, the above firm, nor any officer, director or partner of the above  
firm, nor any employee of the above firm directly involved in obtaining contracts with  
the State of Maryland, or any county or other subdivision of the State of Maryland, has  
been convicted\* of bribery, attempted bribery, or conspiracy to bribe under the laws of  
any state or the Federal Government; except as herein expressly stated (if any):

\_\_\_\_\_  
\_\_\_\_\_.

\* As used herein, the word "convicted" includes an accepted plea of nolo contendere.

3. Non Collusion:

In connection with the firm's price proposal for the above-captioned Contract, as  
submitted to Washington County, I HEREBY DECLARE AND AFFIRM, to the best of  
my knowledge, information and belief, that:

- a. Said proposal has been independently prepared without collusion by any officer,  
director, partner, employee or other representative of this firm, with any other  
proposer, or with any competitor; that

- b. No attempt has been or, hereafter, will be made by any officer, director, partner, employee or other representative of this firm to induce any other person, firm or entity to submit or not submit a proposal; that
- c. Any unit or total price in this proposal has not been knowingly disclosed and will not be knowingly disclosed prior to its official opening, directly or indirectly, to any other bidder or to any competitor; and, that
- d. I have fully informed myself regarding the accuracy of the statements contained herein.

I acknowledge that this Affidavit is to be furnished to the Secretary of the Maryland Department of Transportation and may be distributed to boards, commissions, administrations, departments and agencies of the State of Maryland, counties or other subdivisions of the State of Maryland, other States and Federal Government. I further acknowledge that this Affidavit is subject to applicable laws of the State of Maryland, both criminal and civil, and that this Affidavit is to be attached to and become a part of the Contract when and if awarded and executed.

I FURTHER HEREBY DECLARE AND AFFIRM that I and the firm I herein represent, acknowledge and agree that if any misrepresentation is herein made, the Board of County Commissioners of Washington County, Maryland in their discretion, shall have the right to reject this proposal or terminate the Contract, without liability, as the case may be.



**BID FORMS**

**COUNTY CONTRACT NO. MS-TC-266-28**

I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THE FOREGOING DOCUMENT ARE TRUE AND CORRECT, AND THAT I AM AUTHORIZED, ON BEHALF OF THE ABOVE FIRM, TO MAKE THIS AFFIDAVIT.

By: \_\_\_\_\_  
Signed Name of Affiant

Date \_\_\_\_\_

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

For: \_\_\_\_\_  
Firm

State of \_\_\_\_\_:

County (City) of \_\_\_\_\_:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_,

before me, \_\_\_\_\_, the undersigned officer, personally appeared \_\_\_\_\_

known to me to be the person described in the foregoing Affidavit and acknowledged that he (she) executed the same in the capacity therein stated and for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

\_\_\_\_\_

SEAL Notary Public

My Commission Expires \_\_\_\_\_

**CERTIFICATION OF WORK CAPACITY**

I do solemnly declare and affirm that the firm stated below has the equipment, labor, supervision and financial capacity to perform this Contract either with our organization or with Subcontractors, as provided in GP-Section 8 of the MSHA Specifications.

We shall supply such additional information as may be required in accordance with GP-Section 3 of the MSHA Specifications.

By: \_\_\_\_\_  
Signed Name of Affiant

Date \_\_\_\_\_

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

For: \_\_\_\_\_  
Firm

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires \_\_\_\_\_



**BID FORMS**

**COUNTY CONTRACT NO. MS-TC-266-28**  
**PROPOSAL GUARANTY**

The amount and type of the proposal guarantee which shall be attached to and submitted with the bid depends upon the amount of the bid as stated below:

A Bid Security of \$500.00 will be required on Contract Proposals under \$20,000.

A Bid Security totaling 5% of the bid amount will be required on Contract Proposals of \$20,000 or over.

Acceptable security for bids shall be as follows:

1. A bond in a form satisfactory to the County underwritten by a company licensed to issue bonds in this State;
2. A bank certified check, bank cashier's check, bank treasurer's check, or cash

I/We understand that the quantities of work as shown herein are approximate only and are subject to increase or decrease, and further understand that all costs in connection with the complete performance of the work as described in the Plans, Specifications, General Conditions Special Provisions, Bid Documents and Contract Documents shall be included in the Contract price bid for the entire work to be performed under this Contract.

**IT IS FURTHER PROPOSED:**

To do all "Extra Work" which may be required to complete the work contemplated at unit prices or lump sums to be agreed upon in writing prior to starting such extra work, or, if such prices or sums cannot be agreed upon, to perform such work on a "Force Account" basis, as provided for in Section 9, GP-9.02, of the MSHA Specifications.

To begin work as specified in the "Notice to Proceed" and to prosecute said work so as to complete the Contract within **180** consecutive calendar days.

To furnish a Payment Bond, and a Labor and Material Payment Bond, in the full amount of Contract award, as security for the construction and completion of the Contract in accordance with the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents.

To guarantee all of the work performed under this Contract to be done in accordance with the Plans, Specifications, General Conditions, Special Provisions, Bid Documents and Contract Documents in a good workmanlike manner and to renew or repair any work which may be rejected due to defective materials or workmanship, prior to final completion and acceptance of the work.

Enclosed herewith find certified cashier's or treasurer's check or bid bond in the amount of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) made payable to the "Board of County Commissioners of Washington County, Maryland". This certified cashier's or treasurer's check or bid bond in a Proposal Guarantee (which is understood will be forfeited in the event

**BID FORMS**

**COUNTY CONTRACT NO. MS-TC-266-28**

the Form or Contract is not executed, if awarded to the undersigned), is based on the aggregate amount of the bid submitted.

(For execution by Individuals and Partnerships or Corporations)

**FOR INDIVIDUALS AND PARTNERSHIPS:**

Name: \_\_\_\_\_

By: \_\_\_\_\_  
(Member) (Seal)

By: \_\_\_\_\_  
(Member) (Seal)

Witness: \_\_\_\_\_

**FOR CORPORATIONS:**

Name: \_\_\_\_\_

By: \_\_\_\_\_  
(President) (Seal)

Attest: \_\_\_\_\_  
(Secretary)

The Proposal Form shall be filled out in ink. The Proposal, if submitted by an individual, shall be signed by an individual; if submitted by a partnership, shall be signed by such member or members of the partnership as have authority to bind the partnership; if submitted by a corporation the same shall be signed by an officer and attested by the Secretary or an Assistant Secretary. If not signed by an officer, as aforesaid, there must be attached a copy of that portion of the by-laws, or a copy of a Board Resolution, duly certified by the Secretary, showing the authority of the person so signing on behalf of the corporation. In lieu thereof, the corporation may file such evidence with the Board of County Commissioners of Washington County, Maryland duly certified by the Secretary, together with a list of the names of those officers having authority to execute documents on behalf of the corporation, duly certified by the Secretary, which listing shall remain in full force and effect until such time as the Board of County Commissioners of Washington County, Maryland is advised in writing to the contrary. In any case where a Proposal is signed by an Attorney-in-Fact a copy of the appointing document, duly certified must accompany the same.

**BID FORMS**

**COUNTY CONTRACT NO. MS-TC-266-28  
BID LETTER**

In order for a Proposal to be considered, it is necessary that the following guaranty from Surety be executed.

The \_\_\_\_\_ agrees to act as surety for \_\_\_\_\_  
(Name of Bonding Company) (Name of Bidder)

and to furnish the full amount of Proposal Guaranty as required by GP-Section 2 of the MSHA Specifications.

The aforementioned Bonding Company will also furnish the full amount of the Performance Bond and Labor and Material Payment Bond as required by GP-Section 3 of the MSHA Specifications.

The guaranty is effective for the 90 days following the bid opening date, as specified in GP-Section 3 of the MSHA Specifications, unless this time period is modified by the Special Provisions or extended by mutual agreement between the County, the Bonding Company, and the Contractor.

**WITNESS:**

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Typed Name of Surety)

\_\_\_\_\_  
(Signed Name of Surety)

\_\_\_\_\_  
(Typed Name and Title of Witness)

\_\_\_\_\_  
(Signed Name of Witness)

\_\_\_\_\_  
(Seal)

\_\_\_\_\_  
(Typed Name and Telephone Number of local agent)

NOTE 1: Signatories other than Principals must attach "Power of Attorney". Failure to execute the Contract and file acceptable Performance and Payment Bonds shall preclude awarding the Contract and require forfeiture of the Proposal Guaranty, all as detailed in GP-Section 3 of the MSHA Specifications.

NOTE 2: Failure of the Bidder to execute the Contract and file acceptable security shall be just cause for annulment of the award and the forfeiture of the proposal guaranty, which shall become property of the County as sustained liquidated damages. Award may then be made to the next lowest responsive, responsible Bidder or the work may be re-advertised. Failure to have this Bid Letter executed by Surety and submitted with Proposal will result in rejection of Bid.

**BID FORMS**

**COUNTY CONTRACT NO. MS-TC-266-28**  
**BID BOND**

A Bid Bond shall be submitted on American Institute of Architects Document A310, February 1970 Edition; to be furnished by the bidder.

BF-11

**SUMMARY SCHEDULE OF PRICES**

**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER**  
**PHASE-1 SITE DEVELOPMENT**

Category 1000 .....	\$ _____
Category 2000 .....	\$ _____
Category 3000 .....	\$ _____
Category 5000 .....	\$ _____
Category 6000 .....	\$ _____
Category 7000 .....	\$ _____
Category 8000 .....	\$ _____
<b>PROJECT TOTAL.....</b>	<b>\$ _____</b>



ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
1001		LUMP SUM	L.S.	CLEARING AND GRUBBING	_____	___	_____	___
1002		LUMP SUM	L.S.	TYPE "B" ENGINEER'S OFFICE	_____	___	_____	___
1003		LUMP SUM	L.S.	MAINTENANCE OF TRAFFIC	_____	___	_____	___
1004		150	S.F.	TEMPORARY TRAFFIC SIGNS	_____	___	_____	___
1005		300	L.F.	5 INCH WHITE TEMPORARY PAVEMENT MARKING PAINT LINES	_____	___	_____	___
1006		300	L.F.	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS – ANY WIDTH	_____	___	_____	___
1007		100	EA.	DRUMS FOR MAINTENANCE OF TRAFFIC	_____	___	_____	___
1008		500	L.F.	CONTINGENT: TEMPORARY ORANGE CONSTRUCTION FENCE	_____	___	_____	___
<b>Category <u>1000</u></b>					<b>Total This Sheet</b>		_____	___

BF-13

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
1009		25	TON	CR-6 FOR MAINTENANCE OF TRAFFIC	_____	___	_____	___
1010		LUMP SUM	L.S.	CONSTRUCTION STAKEOUT	_____	___	_____	___
1011		LUMP SUM	L.S.	MOBILIZATION	_____	___	_____	___
1012		LUMP SUM	L.S.	AS-BUILT DRAWINGS	_____	___	_____	___
1013		LUMP SUM	L.S.	CRITICAL PATH METHOD PROJECT SCHEDULE	_____	___	_____	___
1014		1	E.A.	CONSTRUCTION SITE SIGN PER DETAIL (SEE PROJECT DETAILS SECTION)	_____	___	_____	___
<b>END Category <u>1000</u></b>					<b>Total This Sheet</b>		_____	___

BF-14

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
2001		29,100	C.Y.	UNCLASSIFIED EXCAVATION	_____	___	_____	___
2002		58,500	C.Y.	COMMON BORROW – TYPE 1	_____	___	_____	___
2003		50	C.Y.	CONTINGENT: TEST PIT EXCAVATION	_____	___	_____	___
2004		2,000	C.Y.	CONTINGENT: UNSUITABLE MATERIAL EXCAVATION	_____	___	_____	___
2005		1,000	C.Y.	CONTINGENT: GEOSYNTHETIC STABILIZED SUBGRADE USING GRADED AGGREGATE BASE	_____	___	_____	___
<b>END Category <u>2000</u></b>					<b>Total This Sheet</b>		_____	___

BF-15

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3001		90	L.F.	12-INCH HDPE STORM PIPE (DUAL WALL)	_____	___	_____	___
3002		550	L.F.	15-INCH HDPE STORM PIPE (DUAL WALL)	_____	___	_____	___
3003		630	L.F.	18-INCH HDPE STORM PIPE (DUAL WALL)	_____	___	_____	___
3004		400	L.F.	44-INCH SPAN BY 27-INCH RISE (INSIDE DIMENSIONS) REINFORCED CONCRETE ARCH PIPE	_____	___	_____	___
3005		175	L.F.	15-INCH CORRUGATED METAL PIPE	_____	___	_____	___
3006		2	EA.	15-INCH CONCRETE END SECTION (ON END OF HDPE PIPE)	_____	___	_____	___
3007		2	EA.	18-INCH CONCRETE END SECTION (ON END OF HDPE PIPE)	_____	___	_____	___
3008		1	EA.	YARD INLET	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3009		175	L.F.	REMOVE EXISTING STORM DRAIN PIPE, ANY SIZE	_____	___	_____	___
3010		10	TON	TEMPORARY STONE OUTLET STRUCTURE	_____	___	_____	___
3011		3,000	L.F.	SILT FENCE	_____	___	_____	___
3012		750	L.F.	DIVERSION FENCE	_____	___	_____	___
3013		10	EA.	INLET PROTECTION	_____	___	_____	___
3014		1	EA.	STABILIZED CONSTRUCTION ENTRANCE	_____	___	_____	___
3015		2,600	LF	SUPER SILT FENCE	_____	___	_____	___
3016		10	S.Y.	CONTINGENT: STONE FOR SEDIMENT CONTROL	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

BF-17

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3017		45	S.Y.	CLASS I RIPRAP OUTLET PROTECTION	_____	___	_____	___
3018		70	S.Y.	CLASS II RIPRAP OUTLET PROTECTION	_____	___	_____	___
3019		2	EA.	CAST-IN-PLACE SPECIAL CONCRETE END/HEAD WALL	_____	___	_____	___
3020		1,000	C.Y.	CONT. SELECT BACKFILL USING AASHTO NO 57 AGGREGATE				
3021		100	C.Y.	CONTINGENT: FLOWABLE BACKFILL	_____	___	_____	___
3022		10	EA.	SWM – MICRO-BIORETENTION – NYPLOPLAST INLETS	_____	___	_____	___
3023		2530	S.Y.	SWM – MICRO-BIORETENTION – 30 MIL PVC	_____	___	_____	___
3024		1200	L.F.	SWM – MICRO-BIORETENTION - 4-INCH PVC SLOTTED PIPE	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

BF-18

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
3025		22	E.A.	4-INCH PVC CLEANOUT WITH WATERTIGHT SCREW LID	_____	___	_____	___
3026		130	C.Y.	SWM – MICRO-BIORETENTION - MULCH	_____	___	_____	___
3027		1050	C.Y.	SWM – MICRO-BIORETENTION – SOIL MIX	_____	___	_____	___
3028		340	C.Y.	SWM – MICRO-BIORETENTION – NO. 8 STONE	_____	___	_____	___
3029		340	C.Y.	SWM – MICRO-BIORETENTION – NO. 2 STONE	_____	___	_____	___
3030		10	C.Y.	CONTINGENT: MISCELLANEOUS - CONCRETE MIX NO. 2	_____	___	_____	___
3031		LUMP SUM	L.S.	GEOTECHNICAL SERVICES FOR SWM AS-BUILT CERTIFICATION	_____	___	_____	___
3032		280	L.F.	UNDERDRAINS, SUBGRADE DRAINS, AND SPRING CONTROL	_____	___	_____	___
3033		65	C.Y.	NO. 57 GRAVEL DIAPHRAGM	_____	___	_____	___
<b>Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

3034		12	EA.	15-INCH STANDARD CORRUGATED METAL END SECTION	_____	___	_____	___
3035		6	EA.	24-INCH NYLOPLAST DRAIN BASIN WITH SOLID TOP (SEE PROJECT DETAIL SECTION)	_____	___	_____	___
3036		510	CY	SWM-10 MICRO BIO-RETENTION CLAY CORE	_____	___	_____	___
<b>END Category <u>3000</u></b>					<b>Total This Sheet</b>		_____	___

BF-20



ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
5001		20,000	S.Y.	6 INCH GRADED AGGREGATE BASE COURSE	_____	___	_____	___
5002		200	TON	SUPERPAVE ASPHALT MIX FOR SURFACE 12.5MM (PG 64H-22)	_____	___	_____	___
5003		6,800	TON	SUPERPAVE ASPHALT MIX FOR BASE 19.0MM (PG-64S-22)	_____	___	_____	___
5004		20,000	EA	PRICE ADJUSTMENT FOR ASPHALT BINDER	1	00	20,000	00
5005		5,000	EA	PAYMENT ADJUSTMENT FOR PAVEMENT DENSITY	1	00	5,000	00
5006		5,000	EA	PAYMENT ADJUSTMENT FOR ASPHALT MIX	1	00	5,000	00
5007		260	S.Y.	0-2 INCH MILL	_____	___	_____	___
<b>Category <u>5000</u></b>					<b>Total This Sheet</b>		_____	___

BF-21

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
5008		560	L.F.	FULL DEPTH SAW CUTS	_____	___	_____	___
5009		1020	L.F.	5-INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS	_____	___	_____	___
5010		30	L.F.	24-INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	_____	___	_____	___
<b>END Category <u>5000</u></b>					<b>Total This Sheet</b>		_____	___

BF-22

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
6001		160	L.F.	STANDARD TYPE 'A' COMBINATION CURB AND GUTTER	_____	___	_____	___
6002		1330	L.F.	STANDARD TYPE 'D' COMBINATION CURB AND GUTTER	_____	___	_____	___
6003		625	L.F.	DEPRESSED CURB FOR COMBINATION CONCRETE CURB AND GUTTER	_____	___	_____	___
6004		850	S.F.	CONCRETE SIDEWALK	_____	___	_____	___
6005		40	S.F.	DETECTABLE WARNING SURFACE	_____	___	_____	___
<b>END Category <u>6000</u></b>					<b>Total This Sheet</b>		_____	___

BF-23

7001		14,500	S.Y.	PLACING SALVAGED TOPSOIL, 4-INCH DEPTH	_____	___	_____	___
7002		1,000	S.Y.	CONTINGENT: PLACING FURNISHED TOPSOIL, 4-INCH DEPTH	_____	___	_____	___
7003		6,800	S.Y.	CONTINGENT: TEMPORARY SEED AND MULCH	_____	___	_____	___
7004		6,400	S.Y.	TYPE-A SOIL STABILIZATION MATTING	_____	___	_____	___
7005		5,500	S.Y.	TURFGRASS ESTABLISHMENT	_____	___	_____	___
7006		26	EA	CORNUS SERICEA / REDOSIER DOGWOOD	_____	___	_____	___
7007		2,395	EA	ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED	_____	___	_____	___
7008		80	EA	CHASMANTHIUM LATIFOLIUM / NORTHERN SEA OATS	_____	___	_____	___
<b>Category <u>7000</u></b>					<b>Total This Sheet</b>		_____	___

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
7009		2,340	EA	LOBELIA CARDINALS / CARDINAL FLOWER	_____	___	_____	___
7010		40	EA.	PANICUM VIRGATUM 'HEAVY METAL' / SWITCHGRASS	_____	___	_____	___
7011		10	EA.	BETULA NIGRA / RIVER BIRCH	_____	___	_____	___
7012		5	EA.	MAGNOLIA VIRINGIANA / SWEETBAY MAGNOLIA	_____	___	_____	___
7013		5	E.A.	VIBURNUM DETATUM 'BLUE MUFFIN'/ARROWWOOD	_____	___	_____	___
<b>END Category <u>7000</u></b>					<b>Total This Sheet</b>		_____	___

BF-25

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
8001		20	S.F.	SHEET ALUMINUM SIGNS	_____	___	_____	___
8002		5	EA	WOOD SIGN SUPPORTS	_____	___	_____	___
8003		1	EA	REMOVE/RELOCATE EXISTING GROUND MOUNTED SIGN	_____	___	_____	___
8004		5	C.Y.	CONCRETE FOR LIGHT POLE FOUNDATIONS	_____	___	_____	___
8005		250	L.F.	(1) 3-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (GAS LINE)	_____	___	_____	___
8006		625	L.F.	(1) ¾-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (PARKING LOT LIGHTS)	_____	___	_____	___
8007		200	L.F.	(2) 1-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (ROAD SIGN DATA)	_____	___	_____	___
8008		1080	L.F.	(2) 2-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (ROAD SIGN POWER)	_____	___	_____	___
<b>Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	___

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL	
8009		900	L.F.	(6) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (FIBER/TELEPHONE/CABLE/SPARE)	_____	___	_____	___
8010		70	L.F.	(4) 4-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (FUTURE TACTICAL VILLAGE)	_____	___	_____	___
8011		990	L.F.	(2) 5-INCH SCHEDULE 40 PVC CONDUIT TRENCHED (POWER LINE)	_____	___	_____	___
8012		5	L.F.	(3) 5-INCH SCHEDULE 40 PVC CONDUIT WITH CAP AND PULL STRING TRENCHED (POWER LINE EXTENSION)	_____	___	_____	___
8013		1	EA.	CONCRETE VAULT (7'W X 9'L X 7'-6" H)	_____	___	_____	___
8014		1875	L.F.	10-INCH DIP WATERLINE	_____	___	_____	___
8015		300	L.F.	6-INCH DIP WATERLINE	_____	___	_____	___
8016		875	L.F.	8-INCH SDR26 SEWER LINE	_____	___	_____	___
<b>Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	___

BF-27

8017		5	EA.	SEWER MANHOLE ADJUSTMENT	_____	___	_____	___
8018		5	EA.	STANDARD PRECAST 48-INCH SEWER MANHOLE	_____	___	_____	___
8019		4	EA	FIRE HYDRANT ASSEMBLY	_____	___	_____	___
8020		4	EA	BOLLARD PROTECTION	_____	___	_____	___
8021		7	EA	ELECTRICAL HANDHOLE	_____	___	_____	___
8022		3	EA	EXTERIOR JUNCTION BOX	_____	___	_____	___
8023		1	E.A.	THREE PHASE JUNCTION BOX	_____	___	_____	___
8024		9	E.A.	GROUND ROD-3/4 INCH DIAMETER X 10 FT LENGTH	_____	___	_____	___
8025		90	L.F.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	_____	___	_____	___
<b>Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	___



8026		1	EA.	REMOVAL OF EXISTING WATER METER	_____	—	_____	—
8027		9	EA	25-FOOT SQUARE STEEL LIGHT POLE	_____	—	_____	—
8028		5	EA	TYPE-S1 150 WATT LED PARKING AREA LIGHT	_____	—	_____	—
8029		4	EA	TYPE-S2 150 WATT LED PARKING AREA LIGHT	_____	—	_____	—
<b>END Category <u>8000</u></b>					<b>Total This Sheet</b>		_____	—



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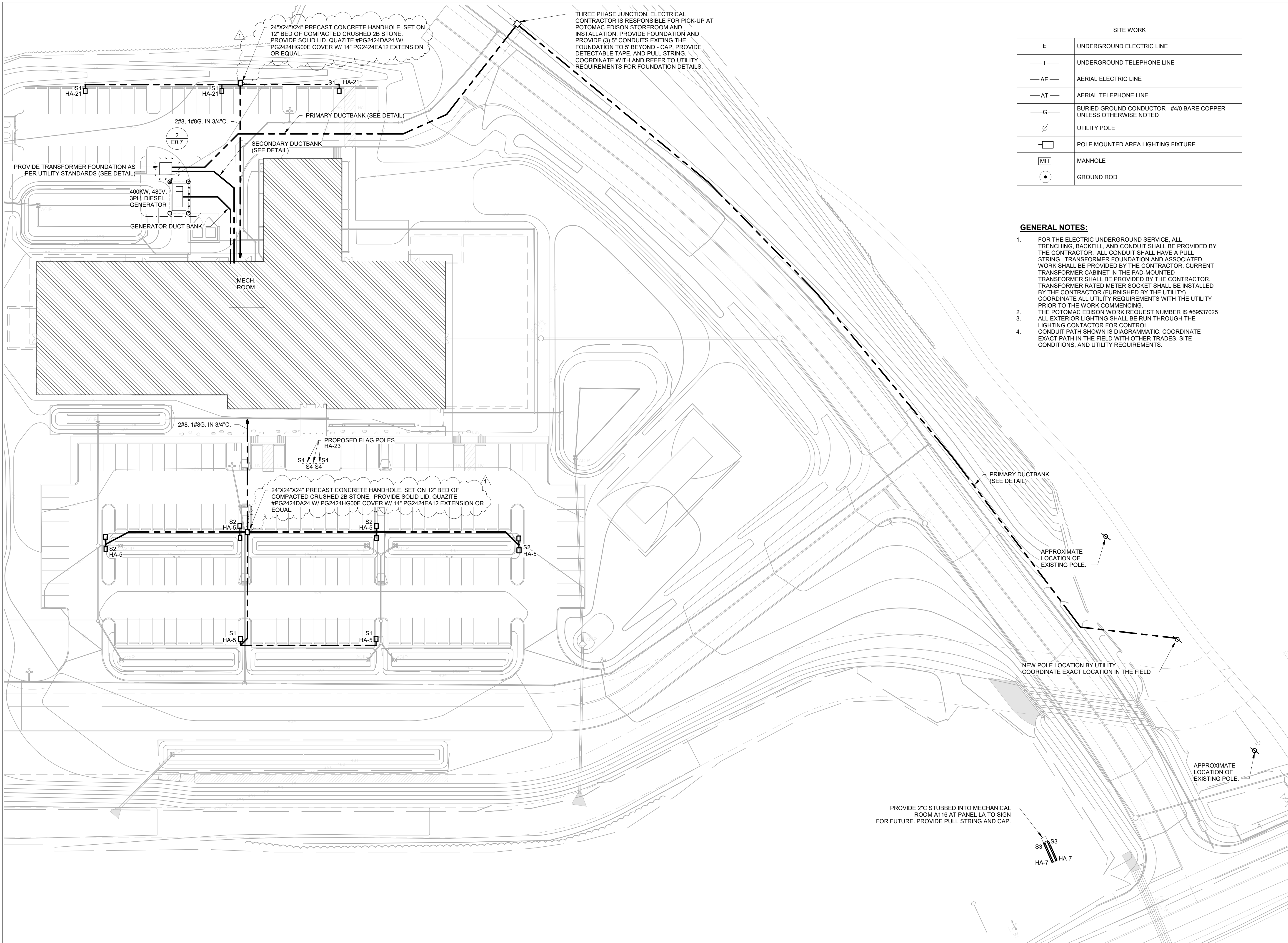
**REVISIONS**

NO.	MM-DD-YY	NAME	DESCRIPTION OF CHANGES
1	08/29/19	BIA	Site Revision

SITE WORK	
— E —	UNDERGROUND ELECTRIC LINE
— T —	UNDERGROUND TELEPHONE LINE
— AE —	AERIAL ELECTRIC LINE
— AT —	AERIAL TELEPHONE LINE
— G —	BURIED GROUND CONDUCTOR - #4/0 BARE COPPER UNLESS OTHERWISE NOTED
⊘	UTILITY POLE
□	POLE MOUNTED AREA LIGHTING FIXTURE
MH	MANHOLE
⊙	GROUND ROD

**GENERAL NOTES:**

- FOR THE ELECTRIC UNDERGROUND SERVICE, ALL TRENCHING, BACKFILL, AND CONDUIT SHALL BE PROVIDED BY THE CONTRACTOR. ALL CONDUIT SHALL HAVE A PULL STRING. TRANSFORMER FOUNDATION AND ASSOCIATED WORK SHALL BE PROVIDED BY THE CONTRACTOR. CURRENT TRANSFORMER CABINET IN THE PAD-MOUNTED TRANSFORMER SHALL BE PROVIDED BY THE CONTRACTOR. TRANSFORMER RATED METER SOCKET SHALL BE INSTALLED BY THE CONTRACTOR (FURNISHED BY THE UTILITY). COORDINATE ALL UTILITY REQUIREMENTS WITH THE UTILITY PRIOR TO THE WORK COMMENCING.
- THE POTOMAC EDISON WORK REQUEST NUMBER IS #59537025
- ALL EXTERIOR LIGHTING SHALL BE RUN THROUGH THE LIGHTING CONTRACTOR FOR CONTROL.
- CONDUIT PATH SHOWN IS DIAGRAMMATIC. COORDINATE EXACT PATH IN THE FIELD WITH OTHER TRADES, SITE CONDITIONS, AND UTILITY REQUIREMENTS.



**SITE PLAN - ELECTRICAL**  
SCALE: 1/32" = 1'-0"

Attachment G

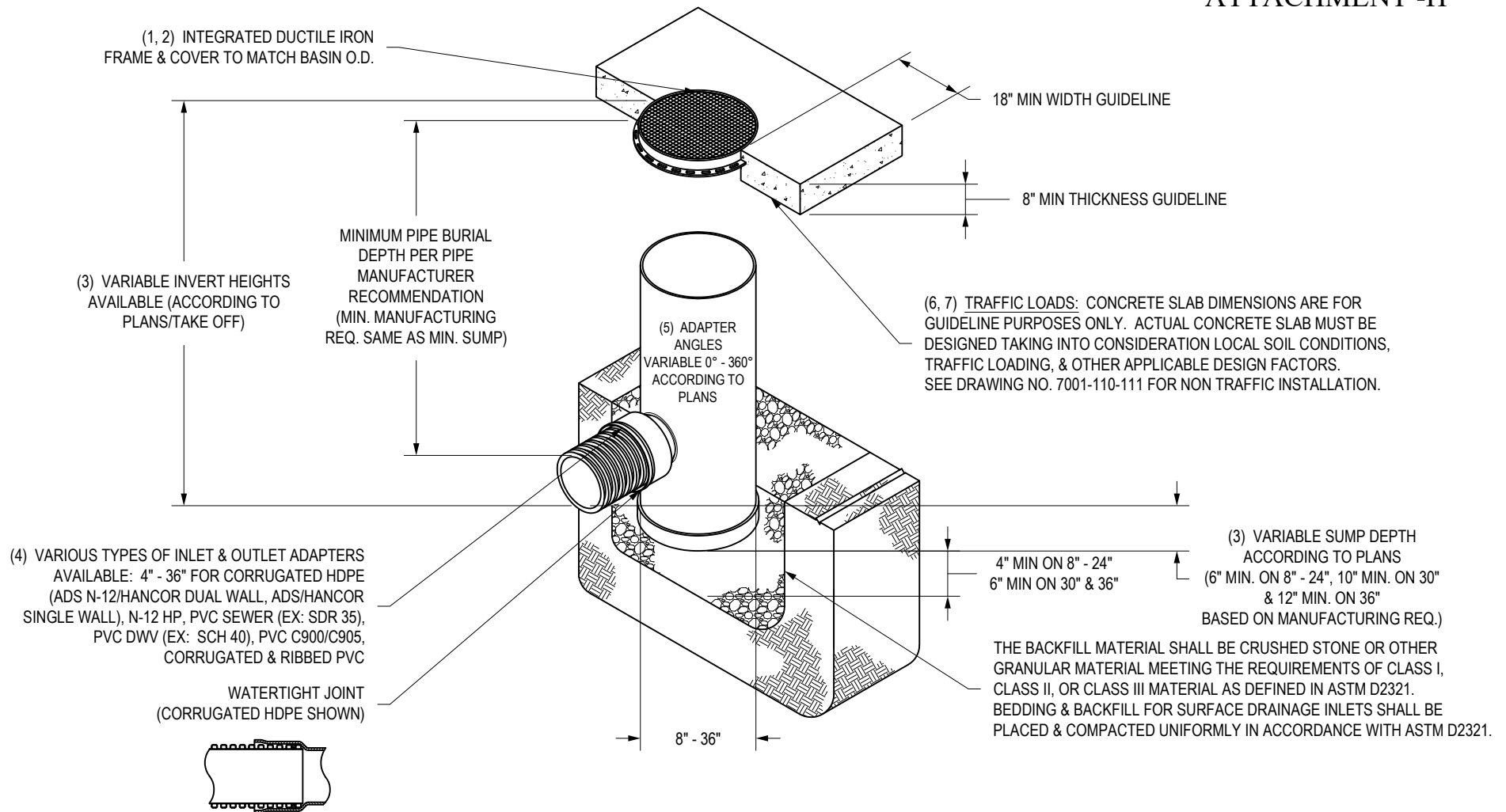
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**PROPOSED NEW**  
**WASHINGTON COUNTY PUBLIC SAFETY TRAINING CENTER**  
 WASHINGTON COUNTY PROJECT NO. 28-266  
 18350 PUBLIC SAFETY PLACE  
 HAGERSTOWN, MD 21740

SITE PLAN - ELECTRICAL		PROJECT 3089	
PLOT SCALE: As Indicated		E0.5	
FILENAME:		DATE: July 15, 2019	

# NYLOPLAST DRAIN BASIN WITH SOLID COVER

## ATTACHMENT -H



- 1 - 8" - 30" SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - 12" - 30" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05. 8" & 10" SOLID COVERS FIT DIRECTLY ONTO DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
- 3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
- 4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 36").
- 5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- 6 - 12" - 30" SOLID COVERS SHALL MEET H-20 LOAD RATING.
- 7 - 8" & 10" SOLID COVERS ARE RATED FOR LIGHT DUTY APPLICATIONS ONLY; NO CONCRETE COLLAR NEEDED FOR LIGHT DUTY RATING.

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DATE	09-14-07	
REVISED BY	NMH	PROJECT NO./NAME
DATE	06-12-18	
DWG SIZE	A	SCALE 1:40 SHEET 1 OF 1

	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
	TITLE DRAIN BASIN WITH SOLID COVER QUICK SPEC INSTALLATION DETAIL
DWG NO.	7001-110-298 REV E